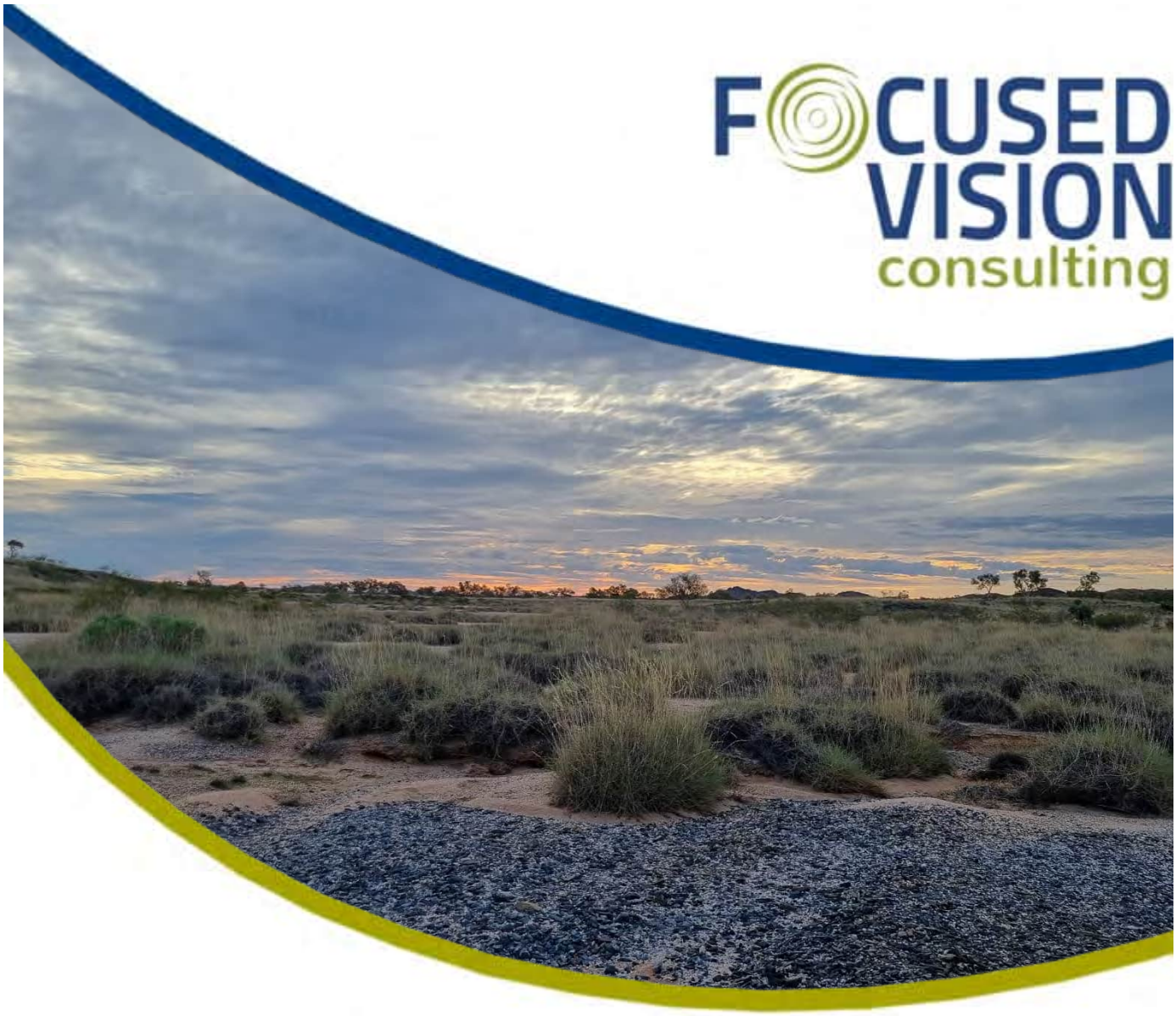


EAST PILBARA GENERATION HUB

DETAILED FLORA AND VEGETATION SURVEY

FORTESCUE

NOVEMBER 2024

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EXECUTIVE SUMMARY

Fortescue Limited (Fortescue) is assessing potential renewable energy generation sites as part of the commitment to decarbonise its mining operations in the Pilbara region of Western Australia. One of the sites under consideration is the Eastern Pilbara Generation Hub (EPGH) project. The EPGH is located approximately 40 kilometres (km) south-east of Marble Bar and 90 km east of Fortescue's Iron Bridge operations. If developed the EPGH will comprise of wind turbines, transmission lines, supporting infrastructure and substations to facilitate energy transfer from the wind farm to Fortescue's mining operations.

Focused Vision Consulting Pty Ltd (FVC) was commissioned to undertake a five-phase detailed flora and vegetation survey and targeted flora surveys to inform the EPGH environmental approvals process. The assessments aimed to identify and document the flora species, vegetation communities and key environmental values within the study area, in accordance with Environmental Protection Authority (EPA) technical guidelines. Approximately 103,689.35 hectares (ha) was surveyed for the EPGH project, comprising of the proposed wind farm, associated supporting infrastructure and options for a series of access roads and corridors, for electrical and transmission cabling (the study area).

FVC undertook flora and vegetation assessments of the EPGH study area in 2022, 2023 and 2024. The scope of work included a desktop assessment, field surveys, data processing and technical reporting in accordance with relevant guidelines. The field surveys comprised of five phases of detailed assessments, conducted in April 2022, May 2023 and May 2024 (post-wet season), and in the dry season (October 2022 and August 2024), which focused on targeted survey for dry-season flowering flora, and in-fill quadrat sampling.

The key results and conclusions from the detailed flora and vegetation survey of the EPGH study area are as follows:

- The following one Commonwealth and State listed Threatened flora species, and eight Department of Biodiversity Conservation and Attractions (DBCA)-listed Priority (P) flora were recorded within the study area:
    - *Quoya zonalis* (Threatened)
    - *Cochlospermum macnamarae* (P1)
    - *Euphorbia inappendiculata* var. *inappendiculata* (P3)
    - *Gymnanthera cunninghamii* (P3)
    - *Heliotropium murinum* (P3)
    - *Phyllanthus hebecarpus* (P3)
    - *Bulbostylis burbidgeae* (P4)
    - *Ptilotus mollis* (P4).
- Twenty introduced (weed) species were recorded within the study area, contributing to 3.37% of the species diversity. No recorded weed species are listed as Weeds of National Significance (WoNS) (Weeds Australia 2022). One recorded weed species, **Calotropis procera*, is listed as a Declared Pest (DP) plant under the *Biosecurity and Agriculture Management Act 2007* (BAM Act).
- The vegetation condition of the study area was found to range from 'Degraded' to 'Excellent' condition, with most areas in 'Very Good' to 'Excellent' condition (89.48%).
- The study area was found to support the following 39 vegetation units categorised into four broad landforms:
    - Drainage (AaTw2, AhAtTa, AtTe, ChAcTw, ChAtTe, EcMa, EcTl, EvAtEb, EvCi, EvMlTe, TcAtTe)
    - Hills (AeAmTe, AiCpTb, AiSgTb, AiTe, CcTe, CspTb, ElAtTe, ElGwTw, ElTlTb, Tw1, Tw2)
    - Outcrops (AiCpTe1, AtAhTe, ChTe, ElCpTb, GwCpTe, GwTw, TcSpTl)
    - Plains (AaGwTe, AbAlTe, AiAaTe, AiAaTw, AiCpTe2, AiCpTw, AmTe, AsPfTl, ChTl, Ts).

- No Threatened Ecological Communities (TECs) or Priority Ecological Communities (PECs) occur within the study area.
- Vegetation units EcMa and EcTl are considered to represent groundwater dependent vegetation (GDV) due to the presence of obligate phreatophyte *Melaleuca argentea* and *Eucalyptus camaldulensis*. The total area of these vegetation units mapped in the study area is 3,585.65 ha (3.46%).
- Vegetation units EvAtEb, EvCi and EvMlTe are considered to represent potential GDV due to the presence of facultative phreatophyte, *E. victrix*. The total area of these vegetation units mapped in the study area is 2,027.58 ha (1.96%).
- Several of the recorded vegetation units within the study area have been determined to potentially be of significance, and worthy of further consideration in the impact assessment process, as follows:
    - Portions of the following vegetation units may be considered to be of National and State significance:
        - AtAhTe, ElCpTb, ElGwTw and TcSpTl, due to supporting the Threatened flora species *Quoya zonalis.*
    - Portions of the following vegetation units may be considered to be of regional significance:
        - AiAaTe, AiCpTe2, AiCpTw, AsPfTl, AtAhTe, AtTe, ChTl, CspTb, EcMa, ElCpTb, GwCpTe, TcSpTl and Tw1, due to supporting Priority flora
        - EcMa, EcTl, EvAtEb, EvCi, and EvMlTe, due to playing a role (or potential role) in an important ecological process (as GDV)
        - AiAaTe, AiCpTw, EvCi and TcSpTl, due to providing a role as a refuge.
    - The following vegetation units may be considered to be of local significance:

AaTw2, CcTe, ChTe, CspTb, EvCi, GwTw, TcAtTe, TcSpTl and Ts, due to occurring as small, isolated communities of limited extent and/or distribution.

1. INTRODUCTION

1.1 BACKGROUND

Fortescue Metals Group Limited (Fortescue) is on its decarbonisation pathway to achieve carbon neutrality across existing and future operations by 2030. Fortescue is focused on addressing stationary power and mining fleet, which are Fortescue's largest sources of emissions and is investigating potential options for renewable energy generation sites in the Pilbara region of Western Australia. One of the sites under consideration is the project referred to as Eastern Pilbara Generation Hub (EPGH) comprising a wind farm and associated transmission line (PEC 6) from Fortescue's Iron Bridge Project.

Focused Vision Consulting Pty Ltd (FVC) was commissioned in 2024 to undertake an additional two-phase detailed flora and vegetation survey and targeted flora surveys, to inform the EPGH environmental approvals process. FVC undertook previous phases of flora and vegetation assessments of the EPGH study area in 2022, 2023 and 2024 (phases 1-3). Two phases of detailed flora and vegetation and a targeted flora surveys (phases 4-5) within the EPGH study area were conducted by FVC in 2024. Data from previous FVC phases were collated and are presented in this report. The assessments aimed to identify and map vegetation communities within the study area boundary and locate any occurrences of conservation significant ecological communities, and flora species in accordance with Environmental Protection Authority (EPA) technical guidelines.

1.2 LOCATION

The EPGH is located approximately 40 km south-east of Marble Bar and 90 km east of Fortescue's Iron Bridge site. If developed, the EPGH will comprise up to 200 wind turbines and two substations to facilitate energy transfer from the wind farm to Fortescue's mining operations. The EPGH study area comprises the generation hub area and associated transmission line (PEC 6) corridor and is approximately 103,689.35 hectares (ha) in size (**Figure 1**). The desktop assessment area encompasses a 50 km buffer around the 2024 study area.

1.3 SCOPE OF WORK

The flora and vegetation assessment scope of work entailed five phases of detailed and targeted flora and vegetation assessment of the study area.

The assessments were conducted in accordance with the guidelines described in:

- Environmental Protection Authority (EPA) *Technical Guidance: Flora and Vegetation Surveys for Environmental Impact Assessment* (EPA 2016a)
- Environmental Protection Authority (EPA) *Environmental Factor Guideline – Flora and Vegetation* (EPA 2016b).

The assessments also complied with the following Fortescue Guidelines:

- *Proposal and Project Management Guidelines* (100-GU-EN-0010)
- *Geographic Information Systems and Raw Data Guideline* (100-GU-EN-0009).

As a minimum, the overall flora and vegetation assessment was required to comprise of the following:

- **Desktop Assessment**: As described in Section 3 of EPA's *Technical Guidance - Flora and Vegetation Surveys for Environmental Impact Assessment* (EPA 2016a) and including all available literature.
- **Detailed Field Assessment:** As described in Section 4.3 of EPA's *Technical Guidance - Flora and Vegetation Surveys for Environmental Impact Assessment* (EPA 2016a), including:
    - sampling of quadrats
    - compiling an inventory of the vascular flora occurring within the study area
    - description and mapping of vegetation communities and a description of their regional significance and condition, particularly where they may represent Threatened Ecological Communities (TECs) or Priority Ecological Communities (PECs)
    - description and mapping of vegetation condition
    - identification and recording/mapping of the abundance of weed species and the impact they are having on native vegetation health
    - collection of data to assist in the regional statistical assessment of floristic data to demonstrate wider occurrence of vegetation units found to be of limited spatial distribution within the study area (where possible, based on the availability of data).
- **Targeted Field Assessment**: As described in Section 4.2 of Technical Guidance - *Flora and Vegetation Surveys for Environmental Impact Assessment* (EPA 2016a), with specific focus on:
    - targeted searches for conservation significant flora either based on previous records or where suitable habitat occurs. Any populations identified were required to be quantified.
    - targeted searches for conservation significant vegetation communities and where vegetation considered potentially representative of significant vegetation was identified, best attempts to delineate extents to be made
- **Data**: Provision of the following datasets:
    - GIS and Raw Data (including photographs) to the requirements of *Fortescue's Geographic Information Systems and Raw Data Guidelines* (100-GU-EN-0009)
    - Metadata and licensing statement for the Index of Biodiversity Surveys for Assessments (IBSA) – data packages in line with documentation from EPA website from data gathered during the surveys undertaken.
- **Reporting**: Provision of a comprehensive survey report consolidating the results of all five phases of assessment undertaken within the study area in accordance with EPA's Technical Guidance – Flora and Vegetation Surveys for Environmental Assessment (EPA 2016a).

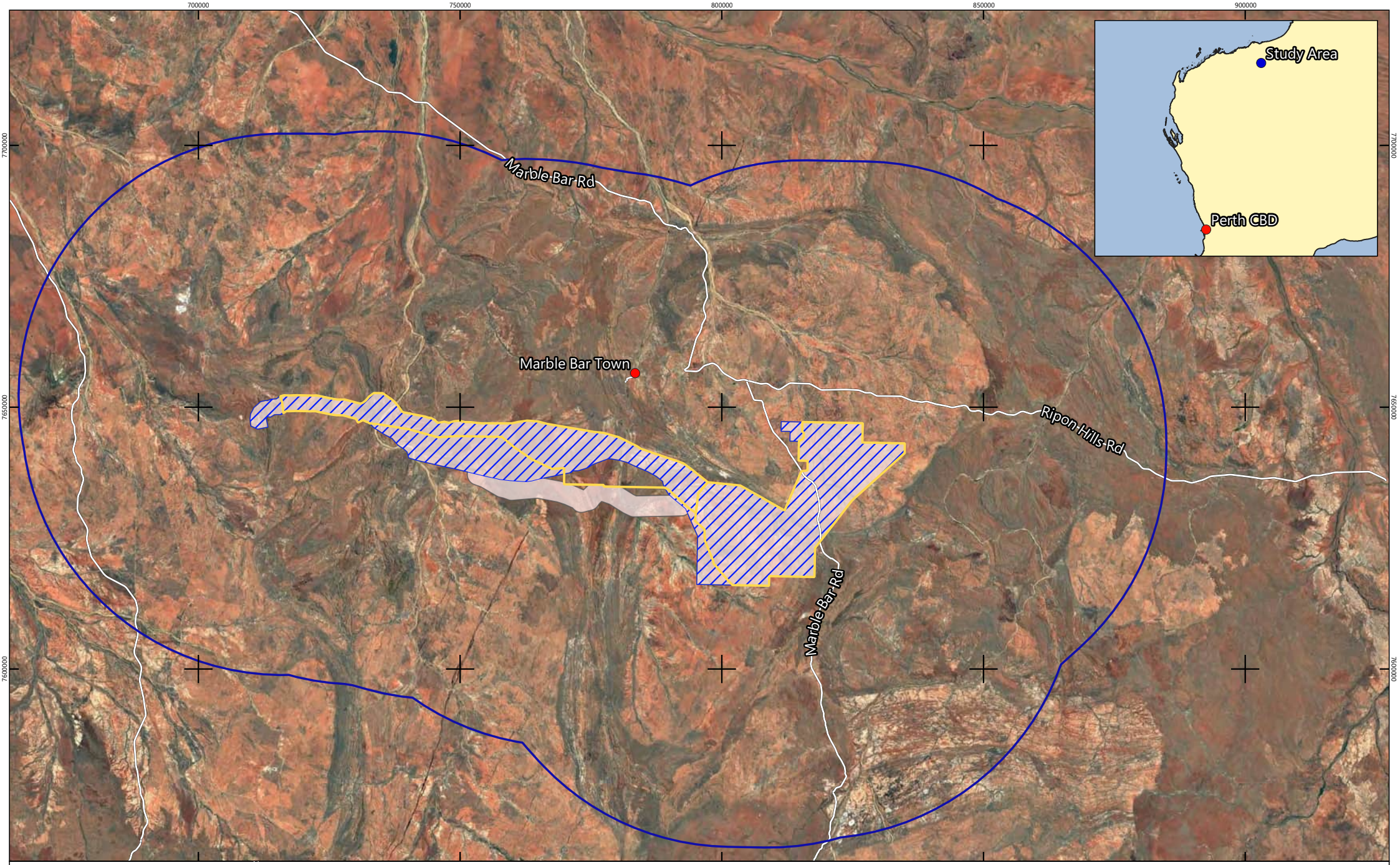


Figure 1 - Study Area

Source: Google Satellite

FORT24001 12 November 2024

2. LEGISLATIVE CONTEXT

Flora and vegetation assessments are required to be conducted in accordance with the following legislation:

- Commonwealth *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act)
- Western Australian *Environmental Protection Act 1986* (EP Act)
- Western Australian *Biodiversity Conservation Act 2016* (BC Act).

The assessments complied with requirements for environmental survey and reporting in Western Australia, as outlined in:

- EPA (2008) *Guidance Statement No. 33: Environmental Guidance for Planning and Development*
- EPA (2016a) *Technical Guidance – Flora and Vegetation Surveys for Environmental Impact Assessment*
- EPA (2016b) *Environmental Factor Guideline – Flora and Vegetation*.

2.1 THREATENED AND PRIORITY FLORA

The Department of Biodiversity, Conservation and Attractions (DBCA) assigns conservation status to endemic species that are geographically restricted to a few known populations or threatened by local processes. Allocating conservation status to flora species assists in protecting populations and conserving species from potential threats (DBCA 2025).

The BC Act provides a statutory basis for the listing of threatened species, specially protected species, Threatened Ecological Communities (TECs), critical habitat and key threatening processes (State of Western Australia 2023). Whilst not awarded any statutory protection, DBCA also maintains the Priority species list, for species of conservation concern. Therefore, both Threatened and Priority species are important focuses of surveys conducted to inform the EIA process, and their definitions are presented in **Appendix A**.

Under the EPBC Act, actions that have, or are likely to have, a significant impact on a matter of national environmental significance (MNES) require approval from the Federal Minister for the Environment (Department of the Environment 2013). Species at risk of extinction are recognised as Threatened at a Commonwealth level and are categorised according to the EPBC Act as summarised in **Appendix A**.

Any species listed in State and Commonwealth legislation as being of significance is said to be a significant species. This incorporates species that are endangered, vulnerable and rare, or covered by international conventions. Significance is not limited to species covered by State and Commonwealth legislation and also includes species of local significance and species showing significant range extensions or at the edge of their known range.

2.2 THREATENED AND PRIORITY ECOLOGICAL COMMUNITIES

Ecological communities are naturally occurring assemblages of organisms that occur in a particular type of habitat, as defined in the BC Act. A TEC means an ecological community that is listed under either the BC Act or the EPBC Act as a critically endangered, endangered or vulnerable ecological community, which are subject to processes that threaten to destroy or significantly modify the ecological community across its range (DBCA 2023).

An ecological community may be listed as a TEC under the EPBC Act or the BC Act in one of the following categories: Critically Endangered (CR), Endangered (EN) or Vulnerable (VU) (**Appendix A**). Under the BC Act, TECs were gazetted in the West Australian Government Gazette on 26 May 2023 (State of Western Australia 2023). TECs in WA are protected under the State BC Act and some are also protected under the Commonwealth EPBC Act.

TECs under the EPBC Act are assessed by the Threatened Species Scientific Committee (TSSC) and listed on the Department of Climate Change, Energy, the Environment and Water (DCCEEW) Species Profiles and Threats (SPRAT) Database, and in the Protected Matters Search Tool (DCCEEW 2024a; b).

Additional to TECs, ecological communities that are considered potentially of conservation significance (and potentially TECs) that do not currently meet survey criteria or that are not adequately defined, are rare but not threatened, have been recently removed from the TEC list or require regular monitoring, are considered to be Priority Ecological Communities (PECs) (DBCA 2023) and are required to be taken into consideration during environmental impact assessments.

2.3 VEGETATION OF SIGNIFICANCE OR POTENTIAL SIGNIFICANCE

Alongside and in addition to significance according to statutory and DBCA listings, vegetation may be considered significant at an international, National, State, regional or local level. Whilst not applicable to statutory protection afforded to TECs, ESA's and Ramsar Wetlands, the significance, or potential significance of vegetation is an important consideration in the environmental impact assessment process. The assessment of vegetation of significance (or potential significance) highlights vegetation and vegetation units that should be considered further as part of project-specific impact assessment, impact avoidance and further survey, where appropriate.

Vegetation that is significant and protected by statutory processes, and vegetation that may be of significance and may require further consideration in various contexts is described below.

2.3.1 Internationally Significant Vegetation

Vegetation is of international significance where it:

- is part of, or within a 50 m buffer of a Ramsar Wetland of International Importance (DCCEEW 2023a).

2.3.2 Nationally Significant Vegetation

Vegetation is of National significance where it:

- is classified as a listed TEC of National (EPBC) significance
- supports a population of National (EPBC) significant Threatened flora, plus a 50 m buffer (where the vegetation in the buffer is continuous with the vegetation supporting the population).

2.3.3 State Significant Vegetation

Vegetation is of State significance where it:

- is classified as a listed TEC of State significance
- intersects with a population of Threatened flora afforded protection under the BC Act
- is within a gazetted ESA.

Vegetation may be of State significance where it:

- occurs within the State-managed conservation estate (areas protected under the *Conservation and Land Management Act 1984*) or areas that have been formally recommended by DBCA for inclusion in the State conservation estate (EPA 2008)
- is part of or within a 50 m buffer of a State-listed Conservation Category Wetland.

2.3.4 Regionally Significant Vegetation

Vegetation is of regional significance where it:

- is classified as a PEC listed by DBCA (DBCA 2023)
- intersects with a population of Priority flora listed by DBCA (DBCA 2025).

Vegetation may be of regional significance where it:

- has a restricted regional representation and/or distribution (EPA 2016b)
- plays a role in maintaining the function and ecological integrity of a significant ecosystem (EPA 2016b)
- plays a role as a refuge with distribution limited to restricted biotic or abiotic conditions that are also restricted regionally (e.g. mesas, sheltered gorges, breakaways, isolated hills, islands, GDEs, mound springs, permanent wetlands in arid areas, paleodrainage vegetation not yet affected by salinity)
- is represented by less than 30% (or 10% in constrained areas) of its pre-European extent (Commonwealth of Australia 2001).

2.3.5 Locally Significant Vegetation

Vegetation may be of local significance where it:

- occurs as small, isolated communities (Government of Western Australia 2000; Del Marco *et al.* 2004)
- has a restricted local extent (proportion) (EPA 2016b) and/or distribution (locally restricted to only one or a few locations (Del Marco *et al.* 2004).

Further to results from flora and vegetation assessments, the impact assessment process should also consider the degree of impact on vegetation that has resulted from threatened processes.

2.4 VEGETATION CLEARING, EXTENT AND STATUS

Clearing of native vegetation is regulated in WA under the EP Act and the *Environmental Protection (Clearing of Native Vegetation) Regulations 2004*. Any clearing of native vegetation is an offence, unless carried out under a clearing permit or if the clearing is for an exempt purpose (DER 2015). A clearing permit may be applied for under Part V of the EP Act. Applications to clear native vegetation must be assessed against the '10 Clearing Principles' as outlined in the regulations (DER 2014).

Where clearing of native vegetation is proposed to occur, there are several key criteria applied to the assessment of clearing permit applications, in the interests of biodiversity conservation (DER 2014).

The objective of the EPA in relation to flora and vegetation is 'to protect flora and vegetation so that biological diversity and ecological integrity are maintained' (EPA 2016a). This objective is documented in the EPA Factor Guideline - Flora and Vegetation (EPA 2016b). The EPA considers it is important that ecological communities are maintained above the threshold level of 30% of the original pre-clearing extent of the community in unconstrained areas and 10% within 'constrained' areas (EPA 2008).

2.5 ENVIRONMENTALLY SENSITIVE AREAS

Environmentally Sensitive Areas (ESAs) are areas that require special protection due to aspects such as landscape, fauna or historical value and are generally considered to be areas of high conservation value. ESAs are declared in the *Environmental Protection (Environmentally Sensitive Areas) Notice 2005*, which was gazetted on 8 April 2005 (State of Western Australia 2005).

There are several types of ESAs relating to flora and vegetation, declared under Part V of the EP Act, which include:

- a defined wetland and the area within 50 m of that wetland
- the area covered by vegetation within 50 m of rare (Threatened) flora, to the extent where the vegetation is continuous with the vegetation in which the rare (Threatened) flora is located
- the area covered by a TEC.

2.6 INTRODUCED FLORA

A total of 11,348 introduced (weed) species have been recognised to occur within Western Australia by Florabase's 2023 Flora Statistics (Western Australian Herbarium (WAH) 1998-). Weeds are plants that are not indigenous to an area and have been introduced either directly or indirectly through human activity. They establish in natural ecosystems and adversely modify natural processes, have the potential to dominate and simplify the ecosystems and thus decrease habitat value provided for native fauna. Weeds pose a threat to many native flora species due to their ability to rapidly grow and out-compete for available water, space, sunlight, and nutrients (EPA 2007).

2.6.1 Weeds of National Significance

Under the National Weed Strategy, there are currently 32 weed species listed as Weeds of National Significance (WoNS) ('Weeds Australia' 2023). Each weed listed was considered for inclusion based on the following criteria:

- invasive tendencies
- impacts
- potential for spread
- socioeconomic and environmental values.

2.6.2 Declared Pest Plants

The Western Australian Organism List (WAOL) details organisms listed as Declared Pests (DPs), including pest plants, under the *Biosecurity and Agriculture Management Act 2007* (BAM Act) (CISS 2021). Under the BAM Act, DPs are listed under one of the following categories:

- **C1 (exclusion)**, that applies to pests not established in Western Australia; control measures are to be taken to prevent their entry and establishment
- **C2 (eradication)**, that applies to pests that are present in Western Australia but in low numbers or in limited areas where eradication is still a possibility
- **C3 (management)**, that applies to plants that should have some form of management applied that will alleviate the harmful impacts of the plant, reduce the numbers or distribution of the plant, or prevent or contain the spread of the plant (DPIRD 2017).

3. EXISTING ENVIRONMENT

3.1 CLIMATE

The study area is within the Pilbara bioregion, which experiences a semi-desert to tropical climate receiving approximately 300 mm of rainfall annually (McKenzie *et al.* 2003). The closest weather station is Marble Bar (Site 004106), which is operated by the Bureau of Meteorology (BoM). The long-term annual average rainfall at the weather station is 382.6 millimetres (mm), with most rain typically falling in January, February and March. Annual mean temperatures range from 12.2°C in winter to 42.1°C in summer (BoM 2024). Summer rainfall in the months preceding the phase 1 (April 2022), phase 3 (May 2023), and phase 4 (May 2024) field assessments was above average, with February 2022 receiving 280.4 mm, April 2023 receiving 101.4 mm; and March 2024 receiving 171 mm of rain. March, however experienced hotter and drier than average conditions in 2022 and 2023 (**Figure 2**). Rainfall in the months preceding phase 2 (June, July and August 2022) was below the respective monthly means, with September 2022 recording 20.3 mm above the average mean. During phases 2 and 3 the months preceding each respective field assessment (September 2022 and April 2023, respectively) were cooler than average (**Figure 2**). Phases 4 and 5 (May 2024 and August 2024) experienced hotter and drier conditions in the month preceding the survey then the long-term average (**Figure 2**).

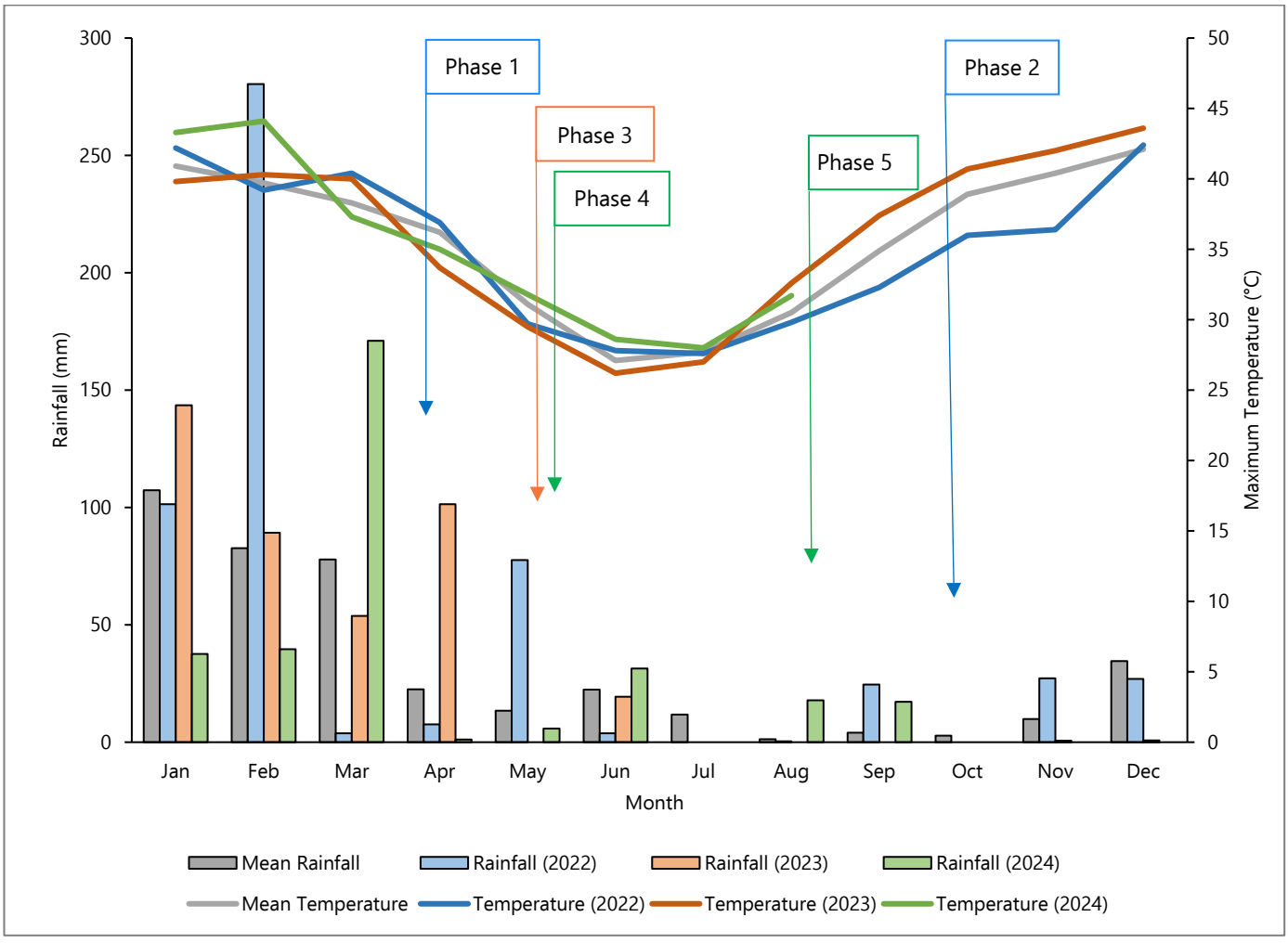


Figure 2 – Marble Bar Climate Data (BoM 2024)

3.2 IBRA REGION

There are 89 recognised Interim Biogeographic Regionalisation for Australia (IBRA) regions that have been defined based on climate, geology, landforms and characteristic vegetation and fauna (DCCEEW 2023b). The study area is situated in the Pilbara IBRA region, which is characterised as extensive coastal plains, mountain ranges, and active drainage in the Ashburton, Fortescue, and De Grey River systems. Vegetation is predominantly mulga low woodlands or snappy gum over tussock and hummock grasses (McKenzie *et al.* 2003; Bastin and ACRIS Management Committee 2008).

The study area occurs within the Chichester sub-region (PIL1) which is located on the northern section of the Pilbara Craton (**Figure 3**). The sub-region is described by Kendrick and McKenzie (2001) as "undulating Archaean granite and basalt plains include significant areas of basaltic ranges". The vegetation consists of shrub steppe characterised by *Acacia inaequilatera* over *Triodia wiseana* (formerly *Triodia pungens*) hummock grasslands, with *Eucalyptus leucophloia* tree steppes on ranges. The main land uses are grazing, native pasture, conservation, urban and mining (Kendrick and Mckenzie 2001).

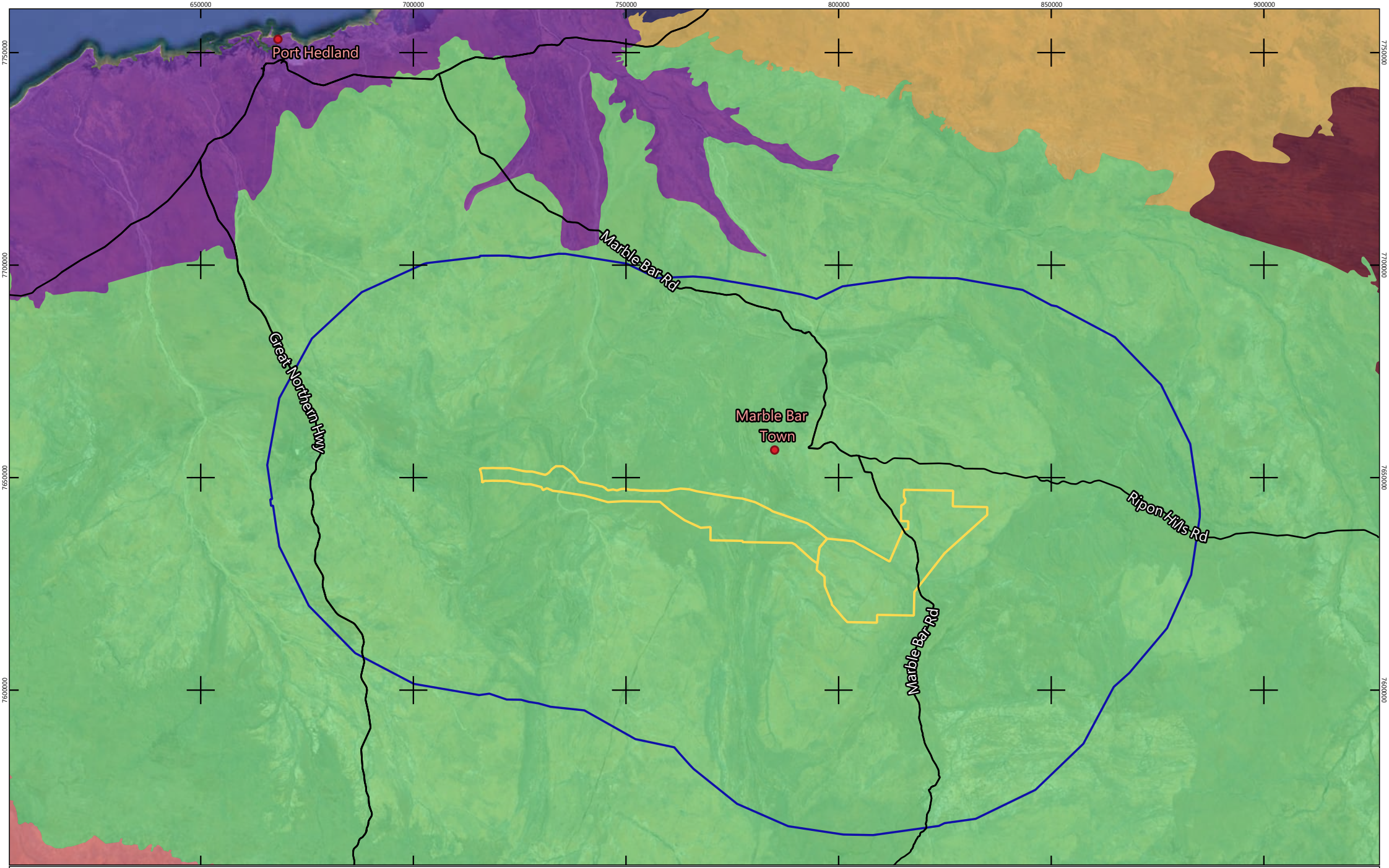


Figure 3 - IBRA Subregions

Sources: Google Satellite and DCCEEW 2023

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3.3 GEOLOGY

The Pilbara region is formed on a basement of Archaean granite and volcanics, overlain by massive deposits of Proterozoic sediments and volcanics (Semeniuk and Brocx 2019). The study area encompasses 31 geological units described in **Table 1** and presented in the **Figure 4** series (DMIRS 2020).

Table 1 – Geological Units in the Study Area (DMIRS 2020)

Code	Geological Unit	Description
Abfk	Kylena Formation	Basalt, andesite, dacite, high-Mg basalt, rhyolite; basaltic agglomerate; dolerite; grey carbonate rock with microbial laminations and stromatolites; sandstone; pillow breccia; tuff, limestone, conglomerate
Abfr	Mount Roe Basalt	Massive, porphyritic, vesicular, amygdaloidal and doleritic basalt; some high-Mg basalt, agglomerate, volcanic breccia, tuff, mafic wacke, shale, polymictic conglomerate and sandstone, siliceous limestone and dolomite
Abke	Euro Basalt	Basalt, chert, dolerite, komatiitic basalt, komatiite, amphibolite, basaltic fragmental rock, gabbro, ultramafic to mafic schist, carbonate rock, felsic tuff, shale, sandstone, quartzite, metapyroxenite, serpentinite
Acg	Gorge Creek Group	Chert, ferruginous chert, banded iron formation, jaspilite; minor siltstone, shale, sandstone, pebbly sandstone, quartzite, polymictic conglomerate, felsic volcaniclastic rock, basalt, ultramafic schist, mafic schist
Adda	Dalton Suite	Gabbro, dolerite, dunite, peridotite, serpentine-chlorite schist, serpentinite, metaleucogabbro, metapyroxenite, ultramafic schist; metamorphosed
Adu	Sulphur Springs Group – metadolerite	Metadolerite
Ageb	Bishop Creek Monzogranite	Biotite monzogranite to granodiorite and syenogranite; fine to coarse grained; locally seriate to porphyritic; rare pegmatite dykes; weakly metamorphosed
Aget	Strelley Monzogranite	Monzogranite and subvolcanic layered granitic intrusions
Agrd	Mondana Monzogranite	Leucogranite
Agu	Emu Pool Supersuite	Undivided and unnamed intrusions in the Emu Pool Supersuite; monzogranite, hornblende-biotite monzogranite, syenogranite, tonalite, granodiorite, mafic tonalite, quartz diorite
Aguj	Joorina Granodiorite	Granodiorite, tonalite, monzogranite
Aguk	Kennell Granodiorite	Granodiorite, monzogranite, tonalite
Aguna	Nandingarra Granodiorite	Granodiorite, tonalite, monzogranite
Agur	Carbana Monzogranite	Monzogranite, leucogranite, syenogranite, granodiorite, metagranite, granitic orthoschist
Agutb	Triberton Granodiorite	Biotite-hornblende tonalite to granodiorite, monzogranite
Ancu	Underwood Gneiss	Banded tonalite, granodiorite, and monzogranite gneiss and migmatite
Antf	Fig Tree Gneiss	Tonalite, banded tonalite, granodiorite, trondhjemite, monzogranite, syenogranite gneiss and migmatite
Asc	Croydon Group	Siltstone, shale, iron formation, sandstone, pebbly sandstone, pebble to boulder conglomerate; metamorphosed
Asfp	Pear Creek Formation	Conglomerate, sandstone, basalt

Code	Geological Unit	Description
Atp	metamorphosed mafic rocks 74327	Metamorphosed mafic rocks; metabasalt, metagabbro, metadolerite, amphibolite, mafic schist; minor metamorphosed ultramafic rocks and metasedimentary rocks; amphibolite schist; quartz-sericite schist, volcaniclastic rocks, local granitic dykes and veins
Atw	Warrawoona Group - ultramafic and mafic rocks	Interlayered mafic and ultramafic schist, amphibolite, talc-serpentine-tremolite-carbonate rock, basalt, high-Mg basalt
Avwc	Coongan Subgroup	Felsic volcanic rocks, felsic schist, basalt, dacite, andesite, sandstone, conglomerate, amphibolite, komatiite, peridotite, chert, psammitic and pelitic schist, mafic schist, wacke, shale, iron formation, ultramafic schist
Avws	Salgash Subgroup	Banded iron formation, shale, felsic volcaniclastics, chert, jaspilite, agglomerate, dolerite, basalt, ultramafic rocks, basaltic andesite, amphibolite, chlorite schist, felsic schist, komatiitic basalt, siliciclastic rocks; metamorphosed
Awfh	Hardey Formation	Sandstone, siltstone, shale, lithic wacke, mudstone, arkose, calcareous beds, conglomerate; porphyry, porphyry breccia; quartzite; dacitic to rhyolitic lavas; quartz-feldspar-mica schist; boulder breccia; basalt; felsic pyroclastics, ultramafic lava
Awk	Kelly Group	Felsic tuffaceous sandstone, quartz sandstone, siltstone, shale, chert, banded iron formation, schist, tuff, conglomerate, rhyolite, basalt, serpentinised peridotite; local dolerite sills; intrusive porphyry and microgranite; metamorphosed
Awo	Soanesville Group	Conglomerate, arkosic sandstone, greywacke, lithic arenite, banded iron formation, shale, silicified shale (chert), sandstone, siltstone, quartzite, schist, basalt, mudstone, dacite, tuff, quartz-sericite schist; mafic schist
Awu	Sulphur Springs Group	Felsic to mafic volcanics and volcaniclastic rocks, chert, volcaniclastic sandstone, greywacke, shale, basalt, komatiitic basalt, amphibolite, mafic and ultramafic schist, banded iron formation, quartz-carbonate rock, siltstone
Cza	alluvium 74331	Reworked or incised sandy alluvium in older stream channels; lateritised alluvium; alluvial terraces above younger alluvium; alluvial and colluvial outwash deposits not in defined channel systems; sand, silt, gravel, clay, evaporites
Czk	calcrete 38497	Pisolitic, nodular or massive calcrete; ferruginous inclusions; calcareous cementing of bedrock and transported materials; locally with intercalated chalcedony; as low mounds, in playa lakes, or as valley calcrete; locally dissected and karstified
Qa	alluvium 38485	Channel and flood plain alluvium; gravel, sand, silt, clay, locally calcreted
Qrc	colluvium 38491	Colluvium, sheetwash, talus; gravel piedmonts and aprons over and around bedrock; clay-silt-sand with sheet and nodular kankar; alluvial and aeolian sand-silt-gravel in depressions and broad valleys in Canning Basin; local calcrete, reworked laterite

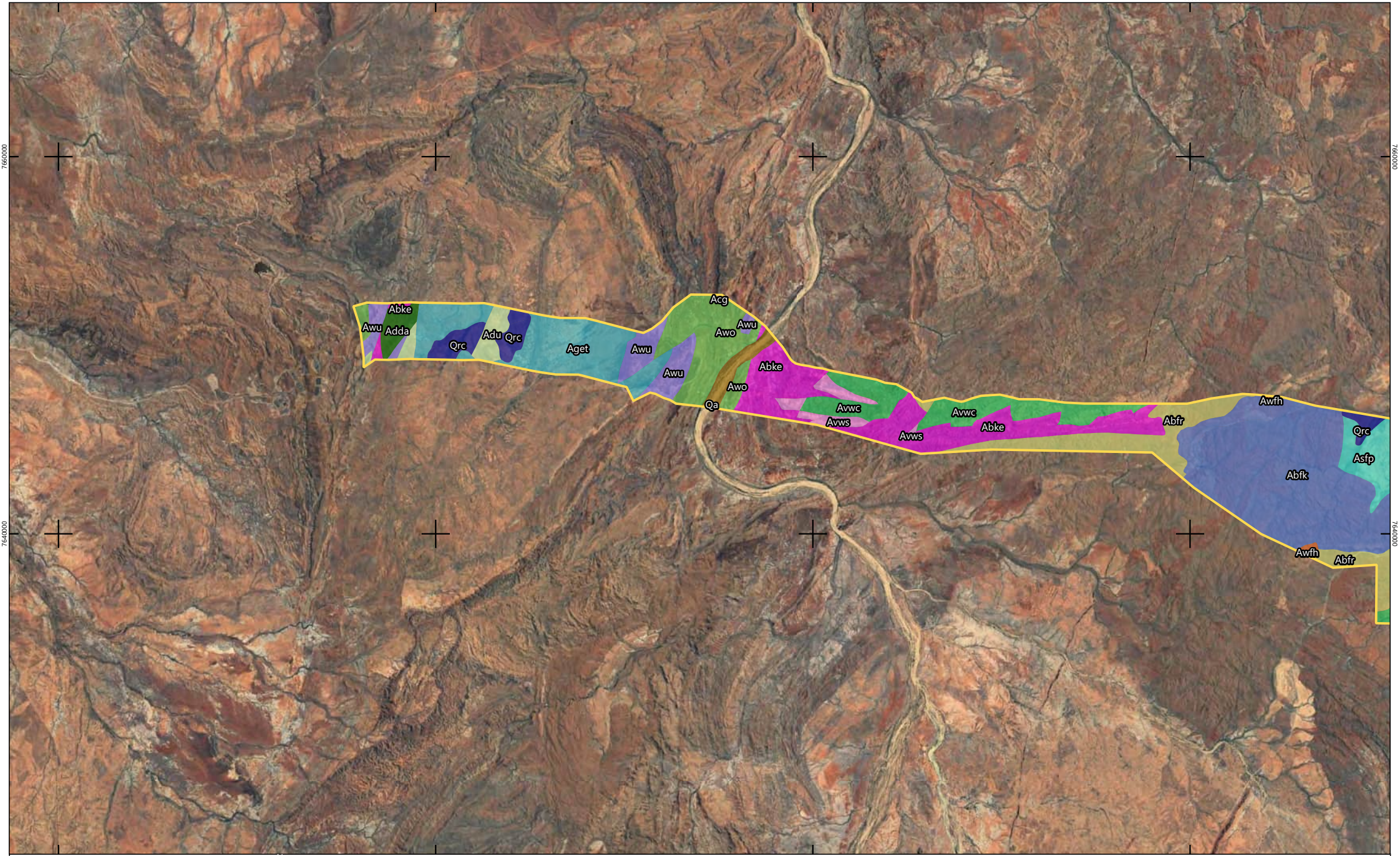


Figure 4a - Geology

Sources: Google Satellite and DMIRS 2020

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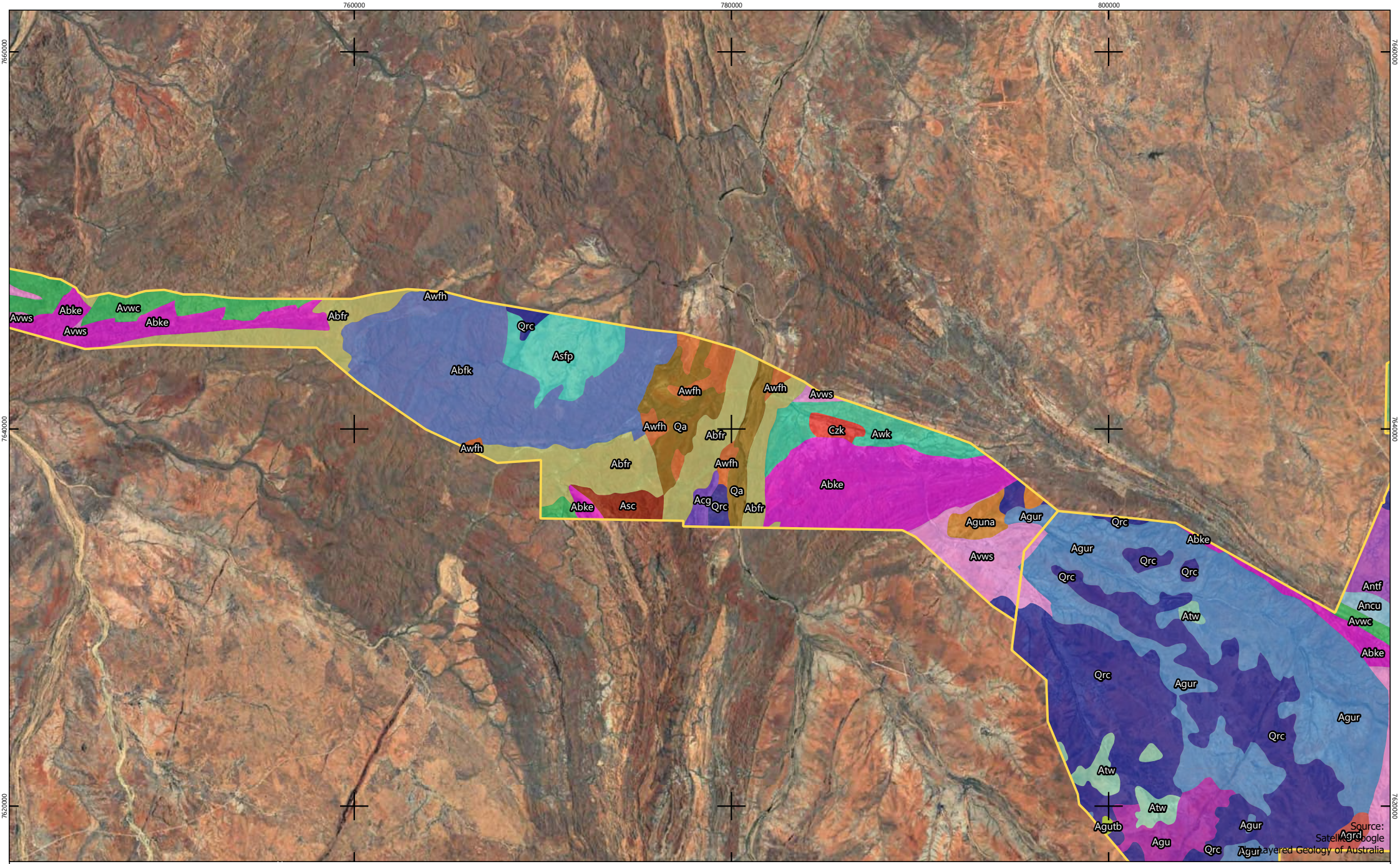


Figure 4b - Geology

Sources: Google Satellite and DMIRS 2020

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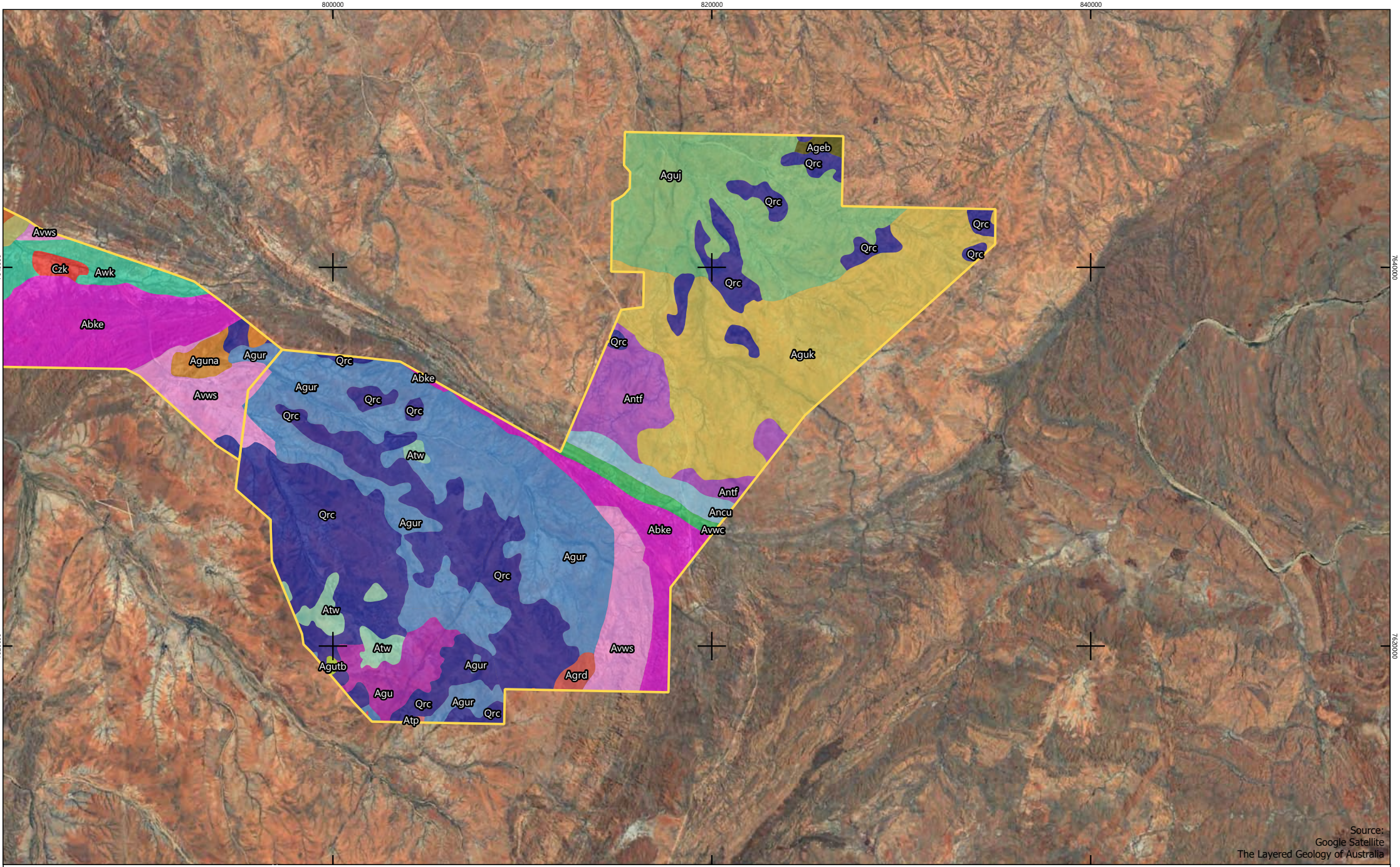


Figure 4c - Geology

Sources: Google Satellite and DMIRS 2020

3.4 LAND SYSTEMS

Land systems are composed of repeating forms of topography, soils and vegetation, which are described as a series of land units (Christian and Stewart 1953). The Department of Agriculture described land systems within the Pilbara IBRA region based on general ecological information, vegetation physiognomy and composition, patterns of variation, conservation status, gradational association and land system representation (Van Vreeswyk *et al.* 2004). Eleven land systems occur within the study area, of these the Macroy (52.4%) and Rocklea (27.37%) systems cover more than 75% of the total area (**Table 2**). The distribution of land systems in the study area are presented in the **Figure 5** series.

Table 2 – Land Systems in the Study Area (DPRID 2022a)

Map Unit	Land System	Description	Proportion of Study Area (ha)	Proportion of Study Area (%)
Bl	Black System	Linear ridges of dolerite or basalt supporting hard spinifex grasslands, with unvegetated boulder slopes and rock piles along summits.	902.41	0.87
Bg	Boolgeeda System	Stony lower slopes and plains below hill systems supporting hard and soft spinifex grasslands or mulga shrublands.	1522.48	1.47
Ca	Calcrete System	Low calcrete platforms and plains supporting shrubby hard spinifex grasslands.	463.72	0.45
Cp	Capricorn System	Rugged sandstone hills, ridges, stony footslopes and interfluves supporting low acacia shrublands or hard spinifex grasslands with scattered shrubs.	6084.46	5.88
Gr	Granitic System	Rugged granitic hills supporting shrubby hard and soft spinifex grasslands.	3455.76	3.34
Mc	Macroy System	Stony plains and occasional tor fields based on granite supporting hard and soft spinifex shrubby grasslands.	54265.16	52.4
Pl	Platform System	Dissected slopes and raised plains supporting shrubby hard spinifex grasslands.	530.35	0.51
Ri	River System	Narrow, seasonally active flood plains and major river channels supporting moderately close, tall shrublands or woodlands of acacias and fringing communities of eucalypts sometimes with tussock grasses or spinifex.	2,775.21	2.68
Rk	Rocklea System	Basalt hills, plateaux, lower slopes and minor stony plains supporting hard spinifex and occasionally soft spinifex grasslands with scattered shrubs.	28,342.5	27.37
St	Satirist System	Stony plains and low rises supporting hard spinifex grasslands, and gilgai plains supporting tussock grasslands.	1017.51	0.98
Ta	Talga System	Hills and ridges of greenstone and chert and stony plains supporting hard and soft spinifex grasslands.	4,095.98	3.96
Ty	Taylor System	Stony plains and isolated low hills of sedimentary rocks supporting hard and soft spinifex shrubby grasslands.	95.38	0.09

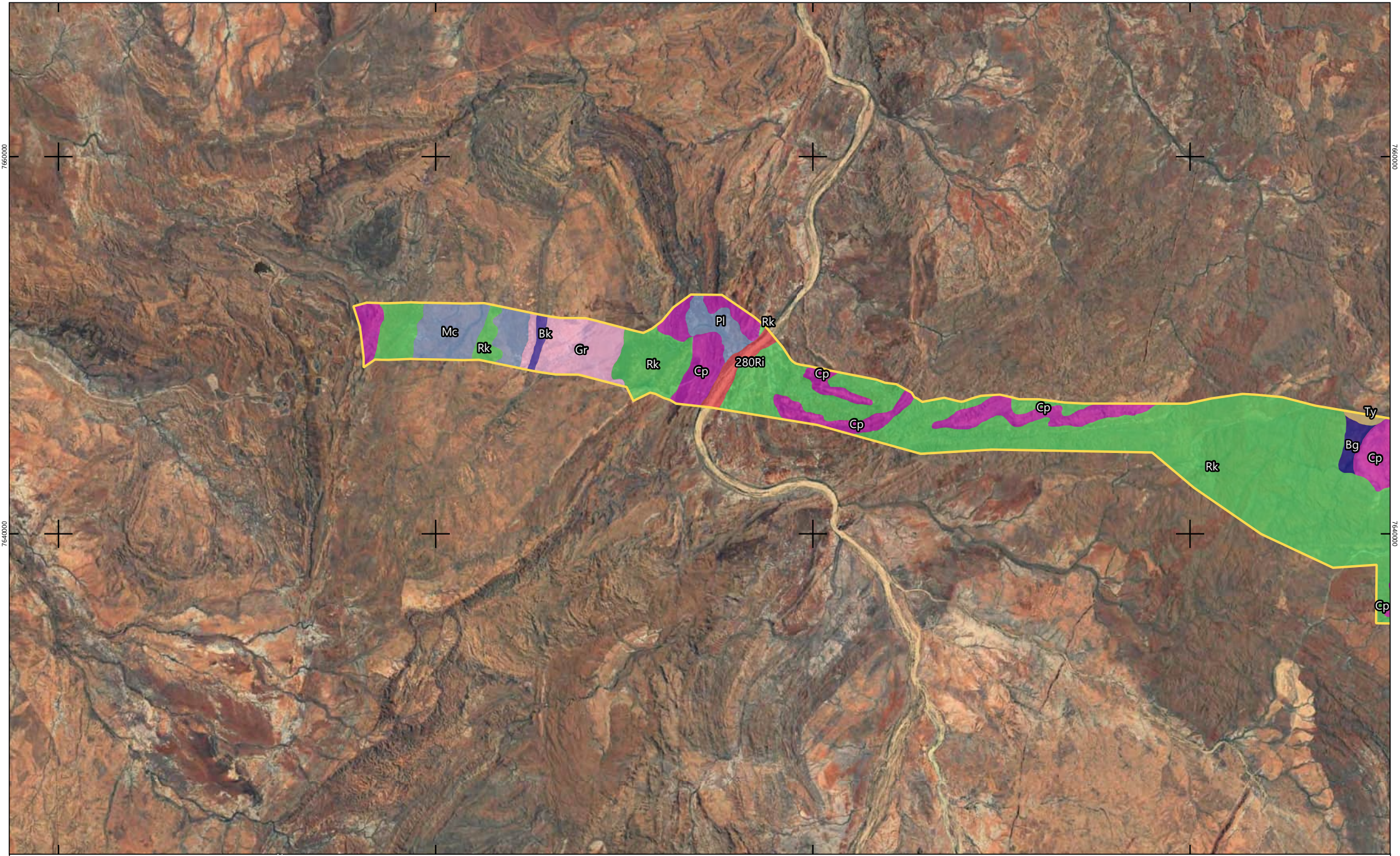
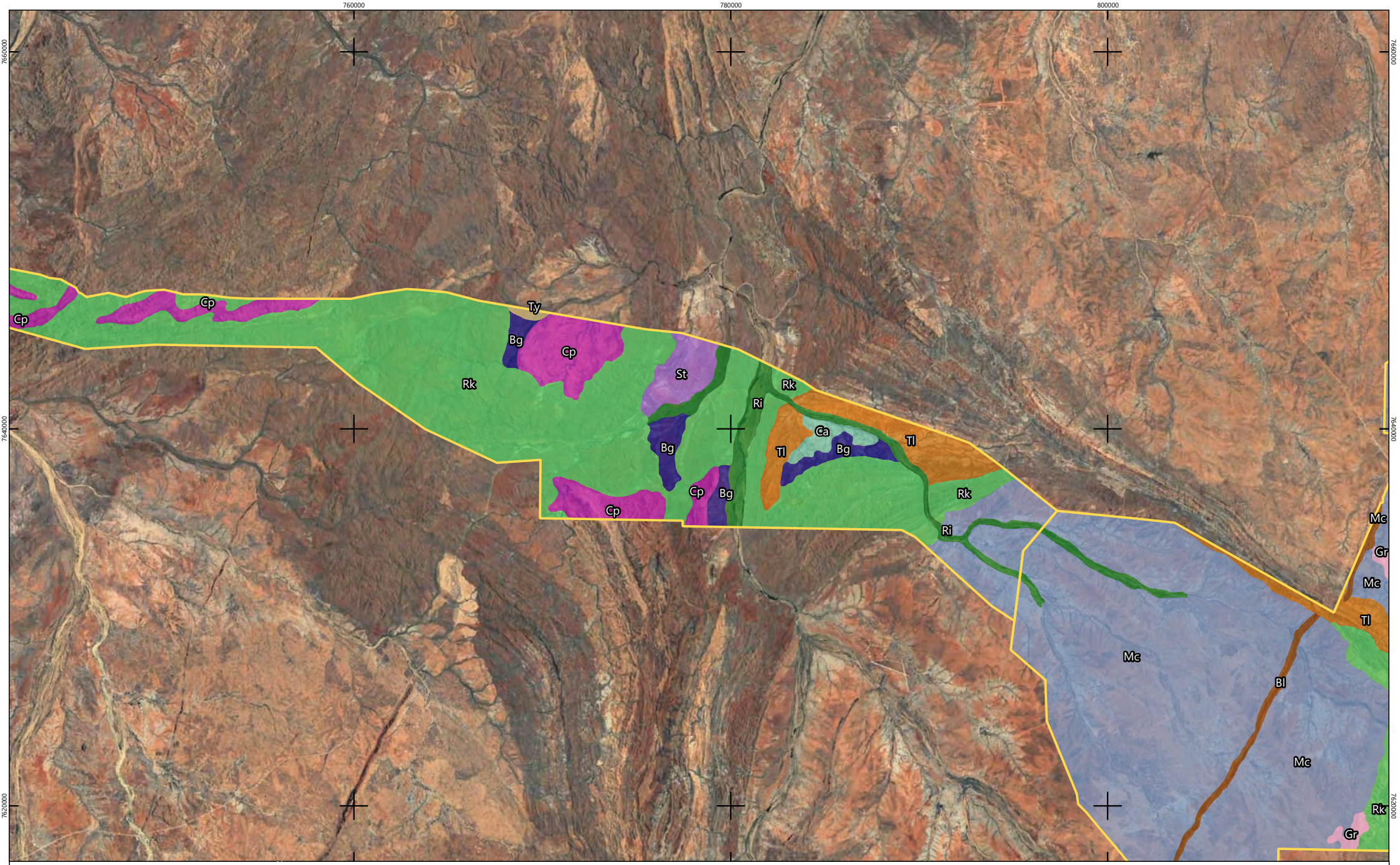


Figure 5a - Land Systems

Source: Google Satellite and DPIRD 2022

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0 3 6 9 12 km

1:250,000 GDA 94 / MGA Zone 50

Legend

- Study Area
- Bl Black System
- Bg Boolgeeda System
- Ca Calcrete System
- Cp Capricorn System
- Gr Granitic System
- Mc Macroy System
- Ri River System
- Rk Rocklea System
- St Satirist System
- Tl Talga System
- Ty Taylor System

Figure 5b - Land Systems

Source: Google Satellite and DPIRD 2022

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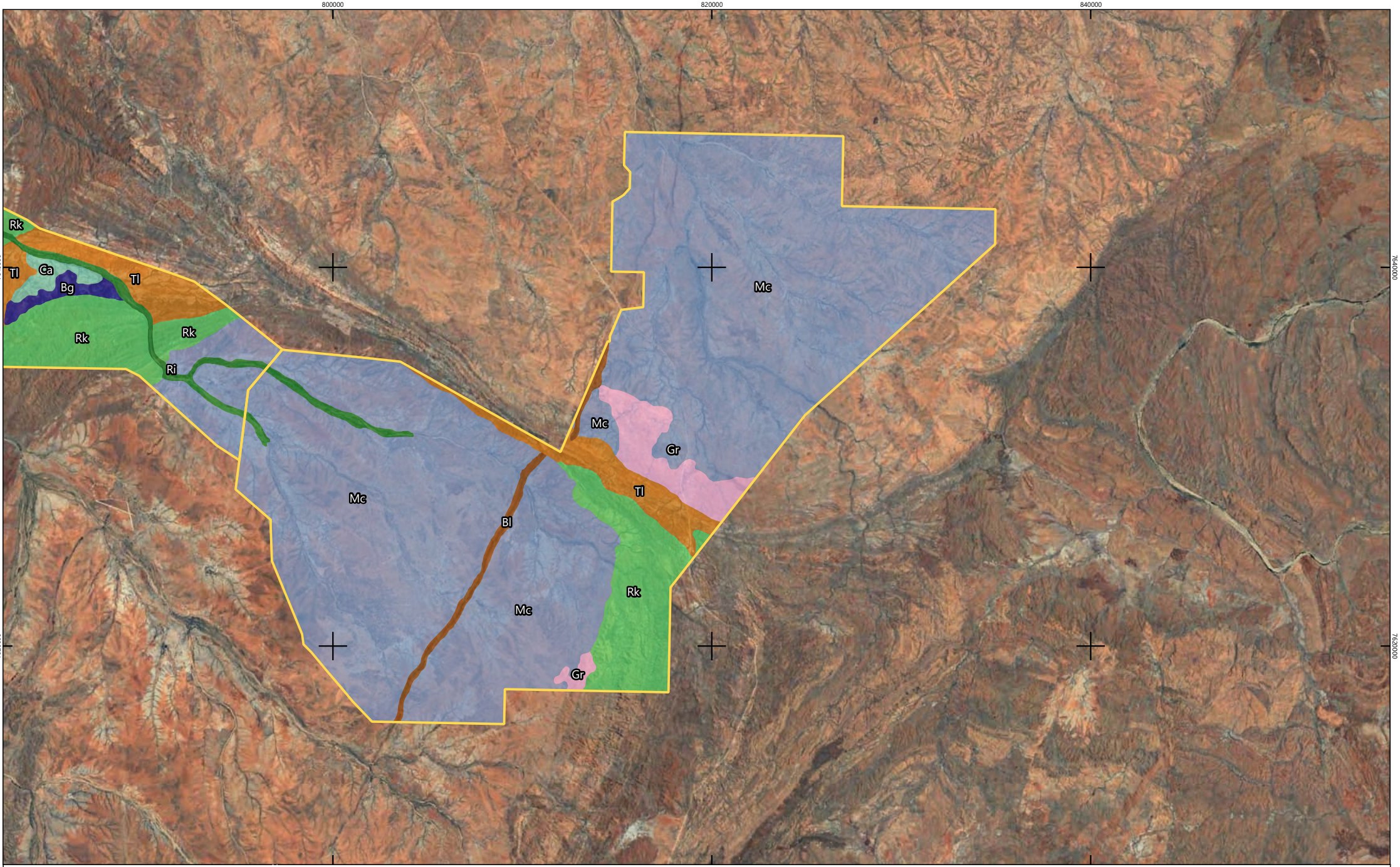


Figure 5c - Land Systems

Source: Google Satellite and DPIRD 2022

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3.5 VEGETATION

The Environmental Protection Authority objective in relation to flora and vegetation is to protect flora and vegetation so that biological diversity and ecological integrity are maintained (EPA 2016b). The EPA consider it is important that ecological communities are maintained above a threshold of 30% of the original pre-clearing extent of each community (EPA 2008). Additionally, the National Objectives and Targets for Biodiversity Conservation 2001-2005 (Commonwealth of Australia 2001) recognise that the retention of at least 30% of the pre-clearing extent of each vegetation association is necessary for Australia's biological diversity to be protected (DER 2014). Species loss appears to accelerate exponentially at an ecosystem level when current extent falls below 30% of pre-clearing extent (EPA 2008).

When only 10% or less of the original extent of a vegetation association remains, it is regarded as Endangered (EPA 2008), and any impacts or increased threats to these vegetation associations should be avoided, including clearing.

3.5.1 Pre-European Vegetation

Pre-European vegetation in Western Australia has been broadly characterised by Beard (1975, 1990), which described and mapped the vegetation of the Pilbara at a scale of 1:1,000,000 and has since been converted into a digital form (Shepherd *et al.* 2002). Six Beard (1975, 1990) vegetation associations occur within the study area (**Table 3**) and their remaining extents are presented in **Table 4** (DPIRD 2023). Of these vegetation associations, more than half (64.83%) of the study area is represented by vegetation association 93. Vegetation associations 173 and 619 represent 0.11% (115.41 ha) and 0.89% (922.96 ha) of the study area, respectively (**Figure 6** series).

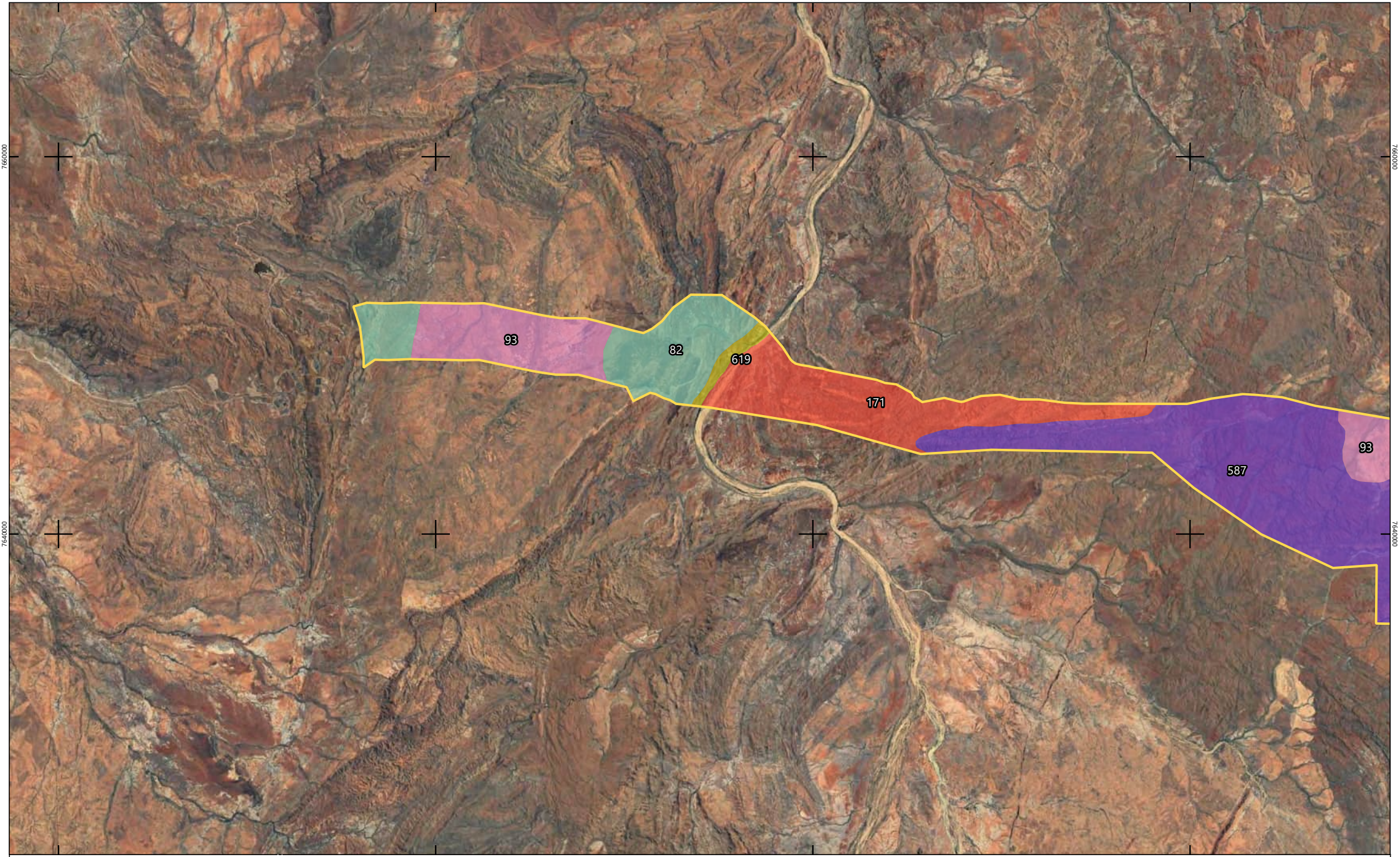
Table 3 – Pre-European Vegetation Associations within the Study Area (DPIRD 2023)

Vegetation Association	Description	Proportion of Study Area (ha)	Proportion of Study Area (%)
82	Hummock grasslands, low tree steppe; *Corymbia dichromophloia* and *Eucalyptus leucophloia* over *Triodia wiseana*.	7,361.42	7.11
93	Hummock grasslands, shrub steppe; kanji (*Acacia inaequilatera*) over soft spinifex. *Triodia* spp. *Acacia* spp., *Grevillea* spp. *Eucalyptus* spp.	67,127.90	64.83
171	Hummock grasslands, low tree steppe; *Corymbia dichromophloia*, *Eucalyptus leucophloia* over soft spinifex and *Triodia brizoides*.	10,533.18	10.17
173	Rugged sandstone hills, ridges, stony footslopes and interfluves supporting low acacia shrublands or hard spinifex grasslands with scattered shrubs.	115.41	0.11
587	Mosaic: Hummock grasslands, open low tree-steppe; snappy gum over *Triodia wiseana* / Hummock grasslands, shrub-steppe; kanji over *Triodia pungens*.	17,488.55	16.89
619	Riverine; rivergum *E. camaldulensis*.	922.96	0.89

None of the vegetation associations within the study area (**Table 3**) fall below the 30% retention threshold, with all vegetation associations currently represented by more than 99% of their pre-European extent across all contexts.

Table 4 - Pre-European Vegetation within a Range of Contexts in the Study Area (DPIRD 2023)

Context	Vegetation Association	Pre–European Extent (ha)	Extent Remaining (ha)	Extent Remaining (%)
Western Australia	82	2,565,901.28	2,553,206.19	99.51
	93	3,044,309.52	3,040,640.98	99.88
	171	331,951.73	330,643.09	99.61
	173	1,753,104.09	1,748,260.83	99.72
	587	580,728.60	580,696.99	99.99
	619	119,373.78	118,205.01	99.02
Pilbara IBRA Region	82	2,563,583.23	2,550,888.14	99.5
	93	3,042,114.27	3,038,471.67	99.88
	171	331,307.41	330,026.24	99.61
	173	1,752,520.89	1,747,677.63	99.72
	587	580,728.60	580,696.99	99.99
	619	118,920.31	118,116.78	99.32
Chichester IBRA Sub-Region	82	360,666.90	360,322.69	99.90
	93	2,940,348.04	2,936,731.54	99.88
	171	331,307.41	330,026.24	99.61
	173	1,744,029.51	1,739,189.58	99.72
	587	570,997.04	570,965.44	99.99
	619	85,543.15	85,520.95	99.97
Shire of East Pilbara	82	927,709.76	919,072.17	99.07
	93	1,709,522.24	1,706,780.57	99.84
	171	331,951.73	330,643.09	99.61
	173	1,085,704.89	1,081,937.46	99.65
	587	111,906.06	111,874.46	99.97
	619	52,765.30	52,763.69	100.00



0 3 6 9 12 km

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Legend

Study Area

82 587

93 619

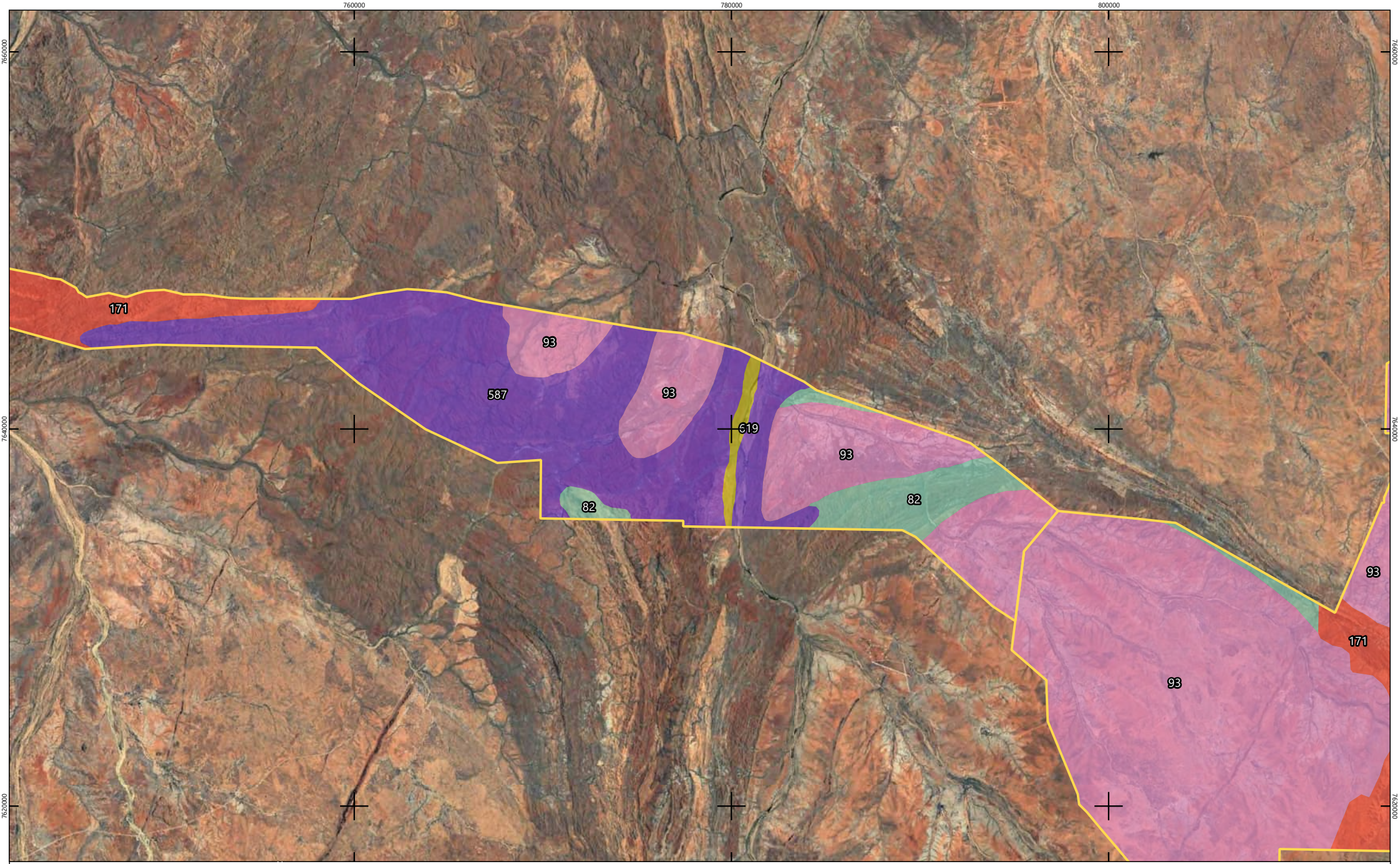
171

Figure 6a - Pre-European Vegetation

Sources: Google Satellite and DPIRD 2023

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0 3 6 9 12 km

1:250,000 GDA 94 / MGA Zone 50

Legend

Study Area

82 587

93 619

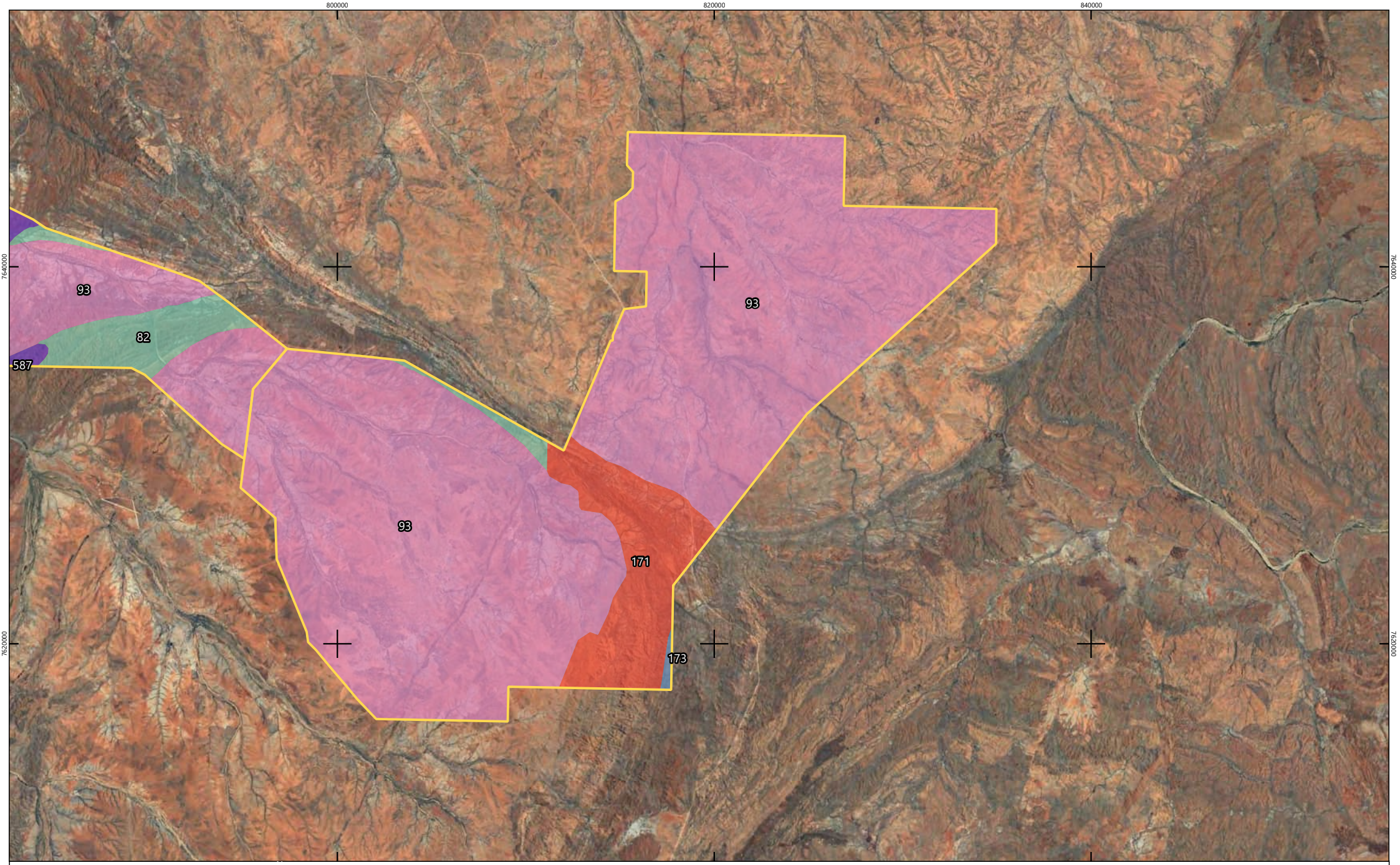
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Figure 6b - Pre-European Vegetation

Sources: Google Satellite and DPIRD 2023

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0 3 6 9 12 km

1:250,000 GDA 94 / MGA Zone 50

Legend

Study Area

82

93

171

173

587

Figure 6c - Pre-European Vegetation

Sources: Google Satellite and DPIRD 2023

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3.5.2 Groundwater Dependent Vegetation

Groundwater dependent ecosystems (GDEs) are those that require access to groundwater on a permanent or intermittent basis to meet their water requirements. The function and composition of these ecosystems is often highly responsive to changes in groundwater availability (Murray *et al.* 2003). The groundwater regime is a key factor influencing the composition of flora and fauna, ecological processes and ecosystem services associated with GDEs (Hatton and Evans 1998; Evans and Clifton 2001).

Key elements of the groundwater regime that influence the health of GDEs (and the groundwater dependent vegetation (GDV) occurring within them) are:

- Groundwater level: groundwater dependent plants require groundwater or the associated capillary fringe to be at least episodically or periodically within the root zone
- Groundwater flux: the rate of groundwater flow needs to be sufficient to maintain plant water requirements
- Groundwater quality: tolerance to changes in groundwater quality, such as pH and salinity, varies between plant species and is also dependent upon other environmental factors (Evans and Clifton 2001).

Phreatophytes, or groundwater dependent plants, can be categorised as either:

- Obligate phreatophytes: plants that are completely or highly dependent on groundwater. This reliance can be continual, seasonal or episodic. Obligate phreatophytes are highly sensitive to changes in the groundwater regime and will respond negatively to significant or rapid groundwater drawdown.
- Facultative phreatophytes: plants that utilise groundwater opportunistically, most notably during times of drought.
- Vadophyte; plants that rely on soil moisture (Lamontagne *et al.* 2005; Naaykens 2018).

Common phreatophytic tree species of the Pilbara, which are indicators of GDV, or potential GDV (Maunsell 2006; Loomes 2010), include:

- *Melaleuca argentea* – a moderate to tall tree (up to 25 m) often restricted to riparian systems on the banks of watercourses and swamps and is considered an obligate phreatophyte
- *Eucalyptus camaldulensis* – a tall tree (up to 30 m) generally associated with riparian systems primarily located along watercourses and considered a facultative phreatophyte
- *Eucalyptus victrix* – a moderately tall tree (up to 15 m) with a spreading form and considered a vadophyte (plants that rely solely on soil moisture) and occasional facultative phreatophyte, considered more drought tolerant than *E. camaldulensis* (Lamontagne *et al.* 2005; Naaykens 2018).

3.5.3 Sheet Flow Dependent Mulga

Sheet flow is an overland flow or downslope movement of water taking the form of a thin film over relatively smooth soil or rock surfaces where it is not concentrated into channels larger than rills (Miller *et al.* 2002). It typically occurs in gently sloping landscapes (< 2º) in arid and semi-arid areas of Australia (Mabbutt and Fanning 1987; Ludwig and Tongway 1997). Factors influencing the generation of sheet flow include rainfall duration, intensity, variability and temporal occurrence (Reaney *et al.* 2007), and soil properties including texture, hydraulic conductivity, soil crust and sodicity. Sheet flow and surface runoff are major components of the hydrological cycle in the arid zone, including the Pilbara (Biota 2018). Some vegetation units dominated by mulga are known to be dependent on the sheet flow movement of surface water.

Mulga typically refers to *Acacia aneura*; however, this species was taxonomically split in 2012 and an additional seven species are recognised (*Acacia aneura*, *A. aptaneura, A. caesaneura, A fuscaneura, A. incurvaneura, A. macraneura, A. mulganeura* and *A. pteraneura*) now referred to as the Mulga group (Maslin and Reid 2012).

Mulga typically occurs as groves (with bare intergrove areas between these) or as distinct patches (woodland or low open forest formations) and can produce a distinct banding pattern across the landscape. The groves or patches act as an ecologically important sink for water and nutrients and intercept sheet flow during periods of seasonal rainfall. Mulga vegetation occurring as groves and intergroves and as patches of woodland or open forest are often identifiable on aerial photography as characteristic darker patches (due to the density of individuals present) on the flatter landforms (broad alluvial drainage flats) (Mabbutt and Fanning 1987). Interruptions to local hydrology and therefore sheet flow can negatively impact on mulga communities if they are sheet flow dependent.

4. METHODOLOGY

The flora and vegetation assessments were conducted in accordance with the following:

- EPA (2016a) *Technical Guidance – Flora and Vegetation Surveys for Environmental Impact Assessment*
- EPA (2016c) *Environmental Factor Guideline – Flora and Vegetation*.

The assessment also complied with the following Fortescue Guidelines:

- *Proposal and Project Management Guidelines* (100-GU-EN-0010)
- *Geographic Information Systems and Raw Data Guideline* (100-GU-EN-0009).

4.1 DESKTOP ASSESSMENT

4.1.1 Literature Review

As part of the desktop assessment of the East Pilbara Generation Hub Project, a review of previous botanical surveys that have been undertaken near the project site was conducted. These surveys are listed below and have also been summarised in **Section 5.1.1** (**Table 9**):

- Animal Plant Mineral (2023) *E 45/2287 Infill Pilgangoora Project Biological Survey, Pilbara Western Australia.* Reported prepared for Pilbara Minerals Ltd
- Astron (2009) *Nullagine Project Flora and Vegetation Survey May – September 2008*
- Biota Environmental Sciences (2004) *Vegetation and Flora Survey of the Proposed FMG Stage a Rail Corridor. Baseline Botanical Survey*. Unpublished report prepared for Fortescue Metals Group Ltd
- Coffey Environments (2014)*North Star Alternate Access Road, Flora and Vegetation Assessment*
- Coffey Environments (2007) *Supplementary Vegetation and Flora Surveys of the Port Hedland to Cloudbreak Rail Corridor and Associated Borrow Pits and Infrastructure*
- Ecologia (2023) *North Star Extension Targeted Flora Assessment.* Report prepared for Fortescue Metals Group Pty Ltd
- Ecologia (2022) *Quoya zonalis targeted flora survey at West Star Iron Bridge (Priority 1 area).* Memorandum prepared for Fortescue Metals Group Pty Ltd
- Ecologia (2016) *Iron Bridge North Star Stage 2. Pityrodia sp. Marble Bar Regional Survey.* Unpublished report prepared for Fortescue Metals Group Pty Ltd
- Ecologia (2015a) *North Star Slurry and Infrastructure Corridors, Conservation Significant Flora and Vegetation Assessment*
- Ecologia (2015b) *North Star Aerodrome Flora Level 2 and Fauna Level 1 Assessment*
- Ecologia (2014) *North Star Filtration Plant Relocation. Flora, Vegetation, Vertebrate Fauna and Fauna Habitat Assessment*
- Ecologia (2012a) *North Star Vegetation and Flora Assessment.* Report prepared for Fortescue Metals Group Ltd
- Ecologia (2012b) *Pityrodia sp. Marble Bar Targeted Flora Survey*. Unpublished report prepared for Fortescue Metals Group Ltd
- Ecoscape (2021) *North Star Junction Flora and Fauna Assessments*
- Ecoscape (2020a) *North Star Extension Flora and Vegetation Survey.* Unpublished report for Fortescue Metals Group Ltd
- Ecoscape (2020b) *McPhee Creek Flora and Vegetation Survey.* Unpublished report prepared for Atlas Iron Ltd
- Ecoscape (2018) *Glacier Valley Extension Flora and Vegetation Survey, North Star Project*
- Environmental Protection Authority (2020) *Miralga Creek DSO Project. Report and recommendations of the Environmental Protection Authority*. Unpublished report for Atlas Iron Pty Ltd

- Mattiske Consulting (2018) *A Review of Flora and Vegetation and Targeted Search for Pityrodia sp. Marble Bar - Sulphur Springs Zinc Copper Project,* unpublished report prepared for Venturex Resources Ltd
- Mattiske Consulting (2007) *A Review of the Flora and Vegetation and an Assessment of Groundwater Dependent Ecosystems in the Panorama Project Survey Area*. Unpublished report prepared for URS Australia Pty Ltd
- Rapallo (2021a) *Flora and Vertebrate Fauna Assessment of the Moolyella Pipeline Corridor*. Unpublished report prepared for Calidus Resources Ltd
- Rapallo (2021b) *Flora and Vertebrate Fauna Assessment of the Big Schist Pipeline Corridor*. Unpublished report prepared for Calidus Resources Ltd
- Spectrum Ecology (2021) *Quoya zonalis Targeted Flora Survey Iron Bridge.* Unpublished report for Iron Bridge Operations Pty Ltd
- Woodman Environmental (2021) *Sanjiv Ridge Project Impact Assessment.* Unpublished report prepared for Atlas Iron Ltd
- Woodman Environmental (2019a) *Warrawoona Gold Project Detailed Flora and Vegetation Assessment.* Unpublished report prepared for Calidus Resources Ltd
- Woodman Environmental (2019b) *Miralga Creek Iron Ore Project Detailed Flora and Vegetation Survey.* Unpublished report prepared for Atlas Iron Ltd
- Woodman Environmental (2018) *Wodgina Expansion Project. Detailed Flora and Vegetation Assessment*. Unpublished report prepared for Mineral Resources Ltd
- Woodman Environmental (2017) *Corunna Downs Intersection Works. Flora and Vegetation Assessment.* Unpublished report prepared for Atlas Iron Ltd
- Woodman Environmental (2016) *Corunna Downs Project Level 2 Flora and Vegetation Assessment.* Unpublished report prepared for Atlas Iron Ltd

4.1.2 Database Searches

Database searches were undertaken within the desktop assessment area, prior to the field survey to compile a list of flora (including Threatened and Priority flora) and Threatened and Priority vegetation communities potentially occurring within the study area (**Table 5**). Additional flora data were collated from the literature review (see **Section 5.1.1**).

Threatened and Priority flora and Threatened and Priority Ecological Communities identified from the desktop assessment were evaluated for their likelihood of occurrence within the study area. Prior to the field assessment, the occurrence of potential vegetation and flora species was assessed in reference to regional vegetation data, aerial imagery, and results from the Threatened and Priority Flora Database (TPFL) and the WA Herbarium database (WAH) database provided by the Species and Communities Branch within DBCA.

Table 5 – Database Searches

Database Name	Date Received	Search Target	Search Area
Threatened and Priority Ecological Communities database search (REF: 09-0122EC)	12 March 2019	TECs and PECs	Desktop assessment area
Threatened and Priority Flora List (TPFL) database search (REF: 12-0524FL) (**Appendix B**)	3 May 2024	Threatened and Priority Flora	
Western Australian Herbarium flora database search (REF: 12-0524FL) (**Appendix B**)			
Dandjoo (DBCA 2024) (**Appendix C**)	13 May 2024	Threatened and Priority Flora and inventory of potential flora	
Protected Matters Search Tool (PMST) for MNES (DCCEEW 2024b) (**Appendix D**)	6 May 2024	Commonwealth listed Threatened Flora and TECs	
Fortescue flora database	20 April 2023	Threatened and Priority Flora	

The likelihood of occurrence of flora and vegetation of conservation significance was based on four criteria: the presence of suitable habitat within the study area, age of previous records, proximity of previous records to the study area and current condition of the study area (**Table 6**).

Table 6 – Likelihood of Occurrence Criteria

Rank	Criteria
Occurs	Taxon that has previously been recorded within the study area.
Likely to occur	There are existing records of the taxon in proximity to the study area (within 10 km): • The taxon is strongly linked to a specific habitat, which is present in the study area; or • The taxon has more general habitat preferences and suitable habitat is present within the study area.
May occur	There are existing records of the taxon occur within the general locality of the study area (within 50 km): • The taxon is strongly linked to a specific habitat, of which a small amount if present within the study area; or • Thet taxon has a more general habitat preference, of which some suitable habitat is present; or • There is suitable habitat in the study area, however, the taxon is recorded infrequently in the locality of the study area.
Unlikely to occur	There are existing records beyond 50 km of the study area considering one or more of the following: • The taxon is strongly linked to a specific habitat that is absent from the study area; or • Suitable habitat is present within the study area, however no existing records occur within the locality of the study area; or • Age of the last record is greater than 20 years old.

4.2 FIELD ASSESSMENT

4.2.1 Flora and Vegetation Assessment

The five-phase, detailed flora and vegetation assessment and supplementary assessment was carried out via helicopter, vehicle access, and foot traverses. Phase 1, led by Daniel Roberts (10 years' experience) and Megan Gray (four years' experience) was conducted between 5-13 April 2022, consisting of a survey effort of 54 person-days (not including travel time). Phase 2, led by Julie Fielder (21 years' experience) and Megan Gray, was conducted between 3-5 and 14-19 October 2022 (supplementary survey), consisting of a survey effort of 16 person-days (not including travel time) primarily targeting Threatened species, *Quoya zonalis*. Phase 3 was led by Megan Gray and conducted between 8-14 May 2023, consisting of a 28 person-day survey effort (not including travel time). Phases 4 and 5 was led by Megan Gray and was conducted between 24-30 May and 7-14 of August 2024, respectively, consisting of a survey effort of 57 person-days (not including travel time). These details and the personnel who contributed to each field study are detailed in (**Table 7**).

Table 7 – Field Personnel

Personnel	Flora License No.	Phase 1	Phase 2		Phase 3	Phase 4	Phase 5
			Trip 1	Trip 2			
		5-13 Apr 2022	3-5 Oct 2022	14-19 Oct 2022	8-14 May 2023	24-30 May 2024	7-14 August 2024
Megan Gray (Lead)	FB62000334	+	+	+	+	+	+
Daniel Roberts (Lead)	FB62000435	+					
Catherine Krens (Lead)	FFB62000188	+					
Julie Fielder (Lead)	FB62000476		+	+			
Taryn Brebner (Lead)	FB62000156				+	+	
Olga Nazarova	FB62000439	+	+			+	
Kelly Hopkinson	FB62000404	+		+			
Sarah Beckwith	FB62000535		+		+	+	+
Aishwarya Gujarathi	FB62000581				+	+	+
Megan Young	FB62000288-02	+					

All field assessments were conducted in optimal seasonal timeframes and in accordance with the recommended survey timing for primary and supplementary surveys in the Eremaean Botanical Province (EPA 2016a). The qualifications and experience of the field personnel and other contributors are listed in **Table 21**.

Throughout all phases, various restricted access applied within the study area. Areas of no access in phases 1-3, included Eginbah Station, Heritage Areas (DPLH 2023) and Panorama Station was considered an area of no helicopter access during phase 3 (**Figure 7a**). Prior to the phase 4 field assessment, additional restricted areas included Barracus/State Resources Tenements, Atlas Tenements and Panorama Station (**Figure 7b**).

During the phase 3 field assessment (9 May 2023), the field team were notified of further 'no helicopter access areas', covering approximately 69.37% (71,926 ha) of the study area. Therefore, during phase 3, 45.92% (47,618 ha) of the area was considered to have unrestricted access (**Figure 7a**).

During the phase 4 field assessment, additional areas of access restrictions were encountered as access was not granted in areas in proximity to granite outcrop structure due to heritage reasons. Planned targeted searches were unable to be conducted in these areas as a result of this.

Field data were collected using electronic tablet devices with customised data forms and mobile spatial mapping capability, within the software program, Mappt™. The methods utilised for the field tasks carried out are described in the following sections.

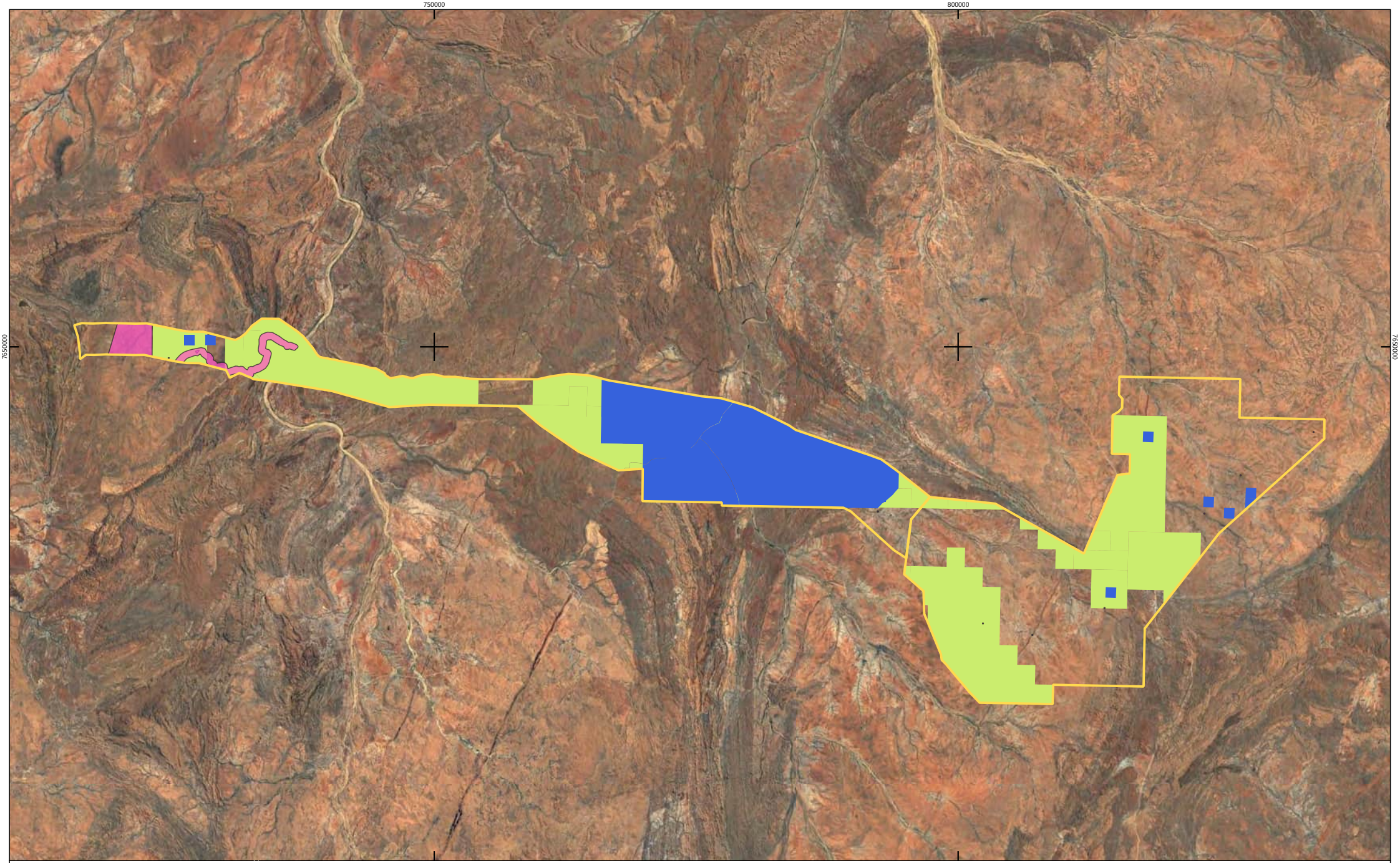


Figure 7.a - Access Restrictions

Source: Google Satellite

FORT24001 12 November 2024

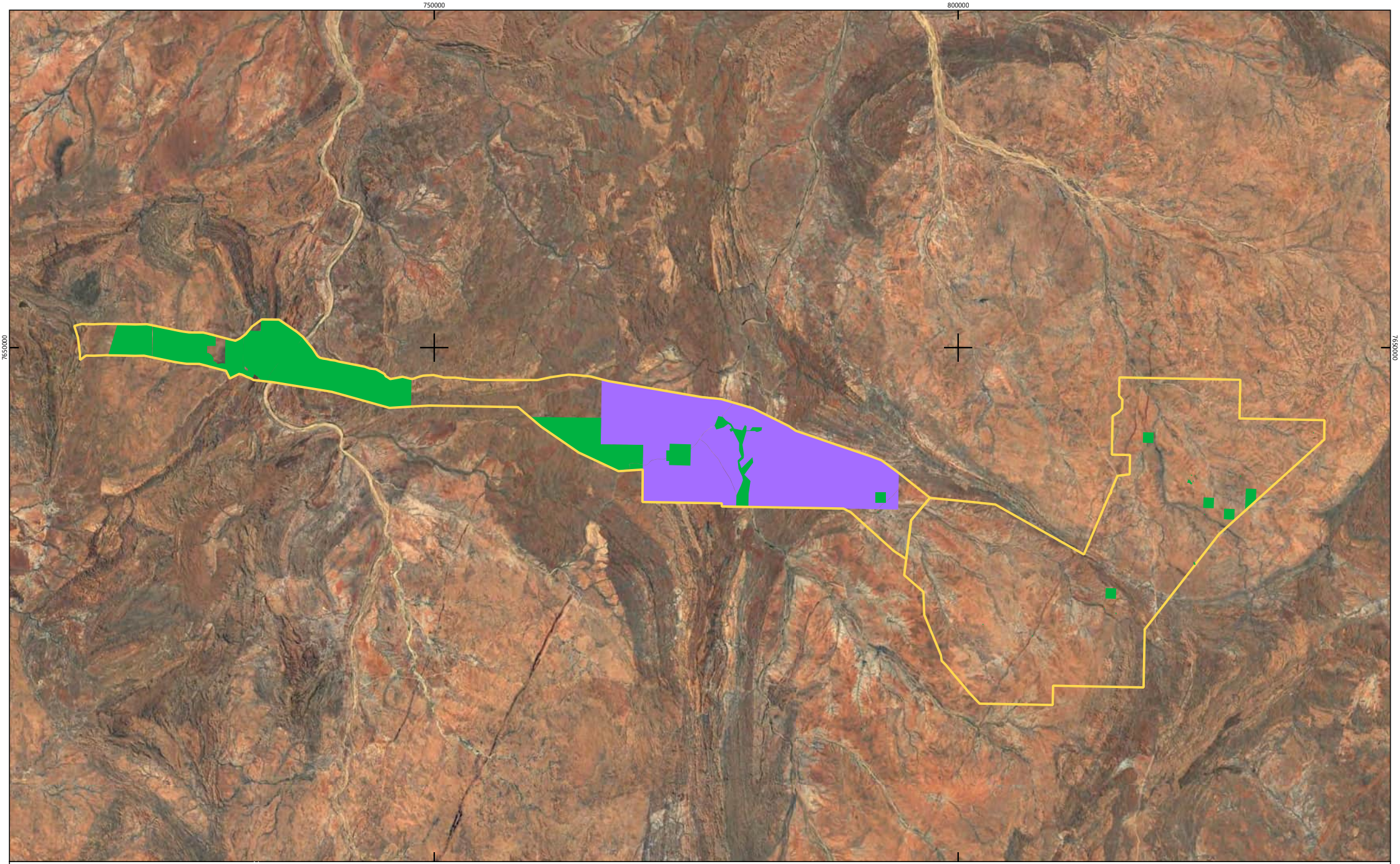


Figure 7.b - Access Restrictions

Source: Google Satellite

FORT24001 12 November 2024

4.2.2 Quadrats

Prior to the field assessment, pre-European vegetation mapping (see **Section 3.5.1**), land system mapping (see **Section 3.4**), and aerial imagery were used to assess the likely diversity of vegetation occurring in the study area and plan indicative survey sites. Florabase records 1,310 species recorded within the Chichester sub-region (WAH 1998-), Dandjoo Search Report resulted in 510 species (DBCA 2024) and ALA resulted in 209 species within the locality of the study area (ALA 2024). Sites were adjusted in the field where occurrences of different vegetation units or condition were identified, and to accommodate access restrictions. Where access was limited (particularly in areas intersecting with Eginbah Station) quadrats were sampled within the public road reserve along Hillside – Marble Bar Road and Corunna Downs Access Road.

Field data were collected from flora quadrats, where vegetation was in 'Good' or better condition, representative of the diversity of floristic values of the site. At least three flora sites were aimed to be established per vegetation unit, where possible, with more sampled for dominant and widespread units.

Consistent with EPA guidance for the Pilbara bioregion, quadrats sampled were 50 m x 50 m, or an area equal to 2,500 m^2 where a quadrat of alternative dimensions was more appropriate (such as in narrow flowlines). Each quadrat was photographed from the north-west corner and surveyed in accordance with the Technical Guidance (EPA 2016a). The following information was collected at each quadrat and relevé, with:

- recorder
- date
- site code
- GPS location (MGA94)
- representative photograph
- landform and soil description
- topography/slope
- time since fire
- comprehensive list of flora species observed, including average height and estimated projected foliage cover of dominant species within each stratum
- vegetation degradation/disturbances (e.g. grazing, weed invasion, fire)
- vegetation condition, in accordance with the EPA (2016a) vegetation condition scale.

Relevés were also used for sampling vegetation that was not in 'Good' or better condition. Relevé sampling does not include bounding an area with measuring tapes. However, data is collected to the same level of detail as quadrats data, including the full suite of information listed above, plus all dominant flora in each stratum and additional taxa observable via rapid inspection, rather than exhaustive documentation of all flora, as is carried out for quadrat sampling.

A total of 276 flora sites were sampled; consisting of 271 quadrats and five relevés, of which 222 flora sites (216 quadrats and 5 relevés) occurred within the study area, a distribution of 0.002 sites per ha across the study area (**Figure 8** series). Of these:

- 99 quadrats and one relevé were sampled in phase 1
- ten quadrats were sampled in phase 2
- 65 quadrats were sampled in phase 3
- 71 quadrats and three relevés were sampled in phase 4
- 26 quadrats and one relevé were sampled in phase 5.

For phases 4 and 5, the majority of survey effort was intended to be sampling sites in the previously unsurveyed middle portion with additional sites throughout the original study area, to increase distribution of sites.

4.2.3 Traverses

Flora and vegetation values of the study area were also recorded during traverses. A traverse is an unmarked route along which data is collected. Data collected during traverses included vegetation unit and condition boundaries, opportunistic flora not already recorded, and opportunistic locations of significant flora and weeds. Targeted traverses were also undertaken to search for significant flora (see **Section 4.2.4**) and weed species (see **Section 4.2.5**). The traverses made during the field assessment are presented in **Figure 8** series.

4.2.4 Targeted Significant Flora Survey

Prior to the field assessment, the locations of all Threatened and Priority flora retrieved from the various database searches and literature reviews were collated. Optimal flowering times varied for the species identified in the desktop assessment and therefore, the field assessment was conducted during a period when the greatest number of potential significant flora species were expected to be in flower.

A proportion of the field assessment time during all survey events was dedicated to conducting targeted searches for significant flora, these search areas were targeted based on previous records and likely habitat present. Preferred habitat of significant species was determined during the desktop assessment. Where suitable habitat was observed during the survey, intensive searching for target species was conducted on foot. Conspicuous species, visible from the helicopter (*Quoya zonalis* and *Cochlospermum macnamarae*) were confirmed by on-ground observations and further recorded via low altitude aerial traverses over suitable habitat.

The targeted flora assessment comprised traverses in areas likely to support Threatened or Priority flora, as well as a selection of other habitats that were considered less likely to support significant flora in the study area (**Figure 8** series).

Where known or suspected Threatened or Priority flora were observed, the following data were recorded:

- specimen sample (as per flora licences)
- GPS location of each individual plant allowing an inventory of the plants/population size
- vegetation unit and condition at the recorded location
- condition of plants
- reproductive status
- photograph.

4.2.5 Weeds

Targeted searches for introduced flora, particularly DP plants and WoNS were carried out (CISS 2021). The locations of significant weed species or significant infestations of any weeds observed were recorded.

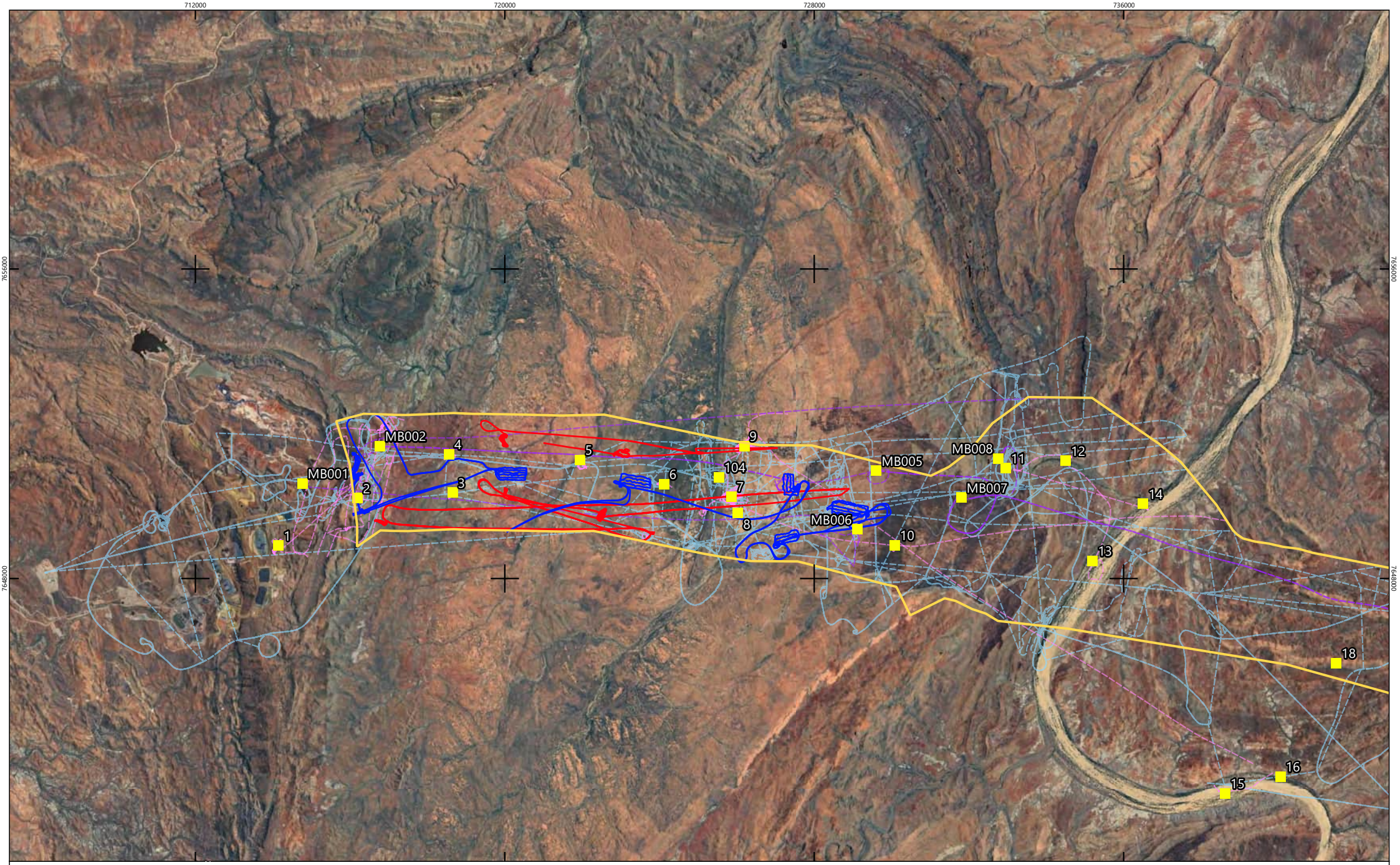
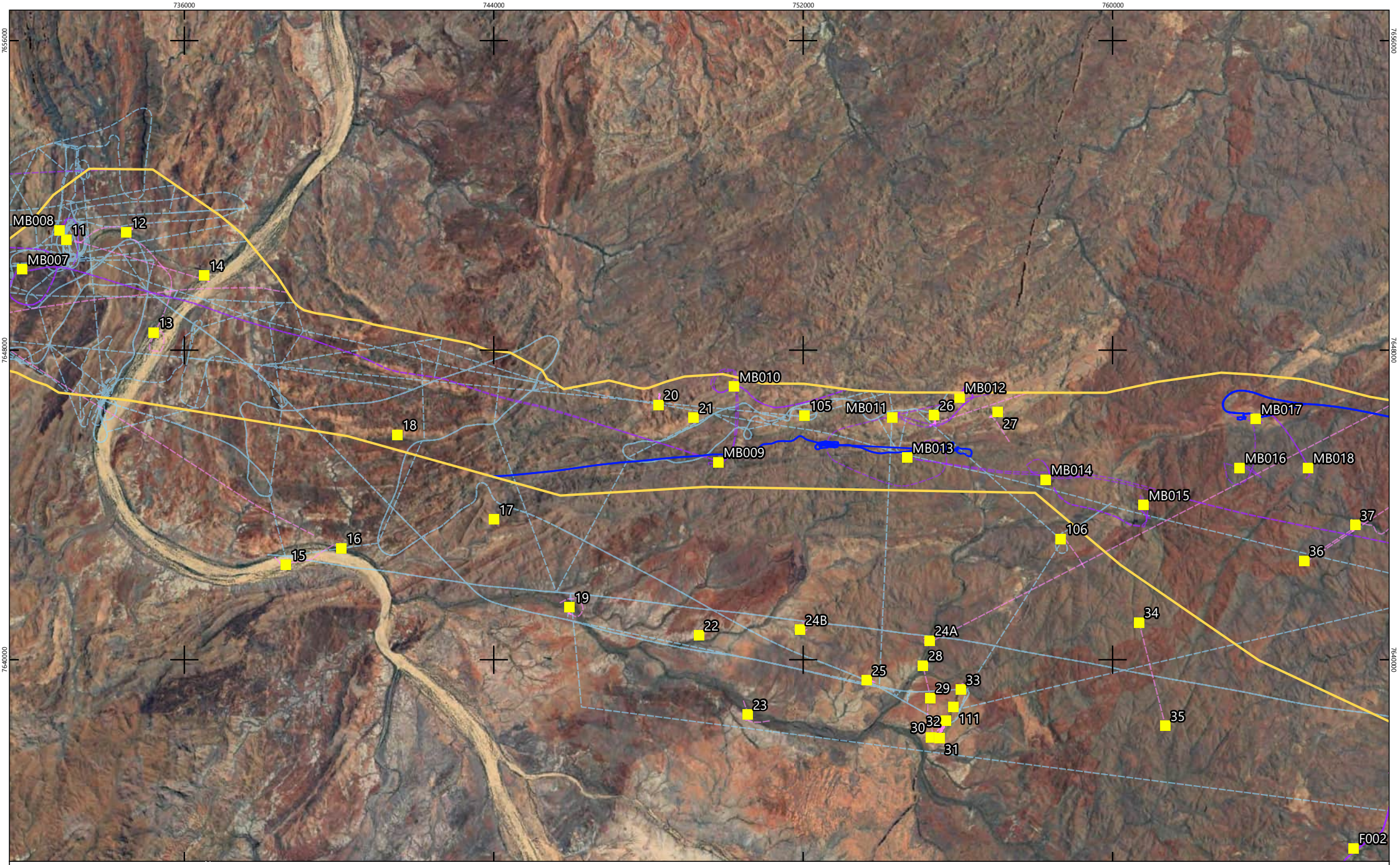


Figure 8.a - Survey Effort

FORT24001 14 January 2025


736000
744000
752000
760000
7656000
7648000
7640000
MB008
11
12
MB007
14
13
18
MB010
20
21
105
MB011
26
27
MB012
MB017
MB009
MB013
MB016
MB018
MB014
MB015
17
16
15
106
37
36
19
22
24B
24A
34
28
25
33
29
23
32
111
30
35
31
F002
0 1 2 3 4 km
GDA 94 MGA Zone 50
1:121796
Legend
Study Area
Quadrat
August 2024
April 2022
October 2022
May 2023
FOCUSED VISION consulting
Figure 8.b - Survey Effort
Source: Google Satellite
FORT24001 14 January 2025
Source: Google Satellite

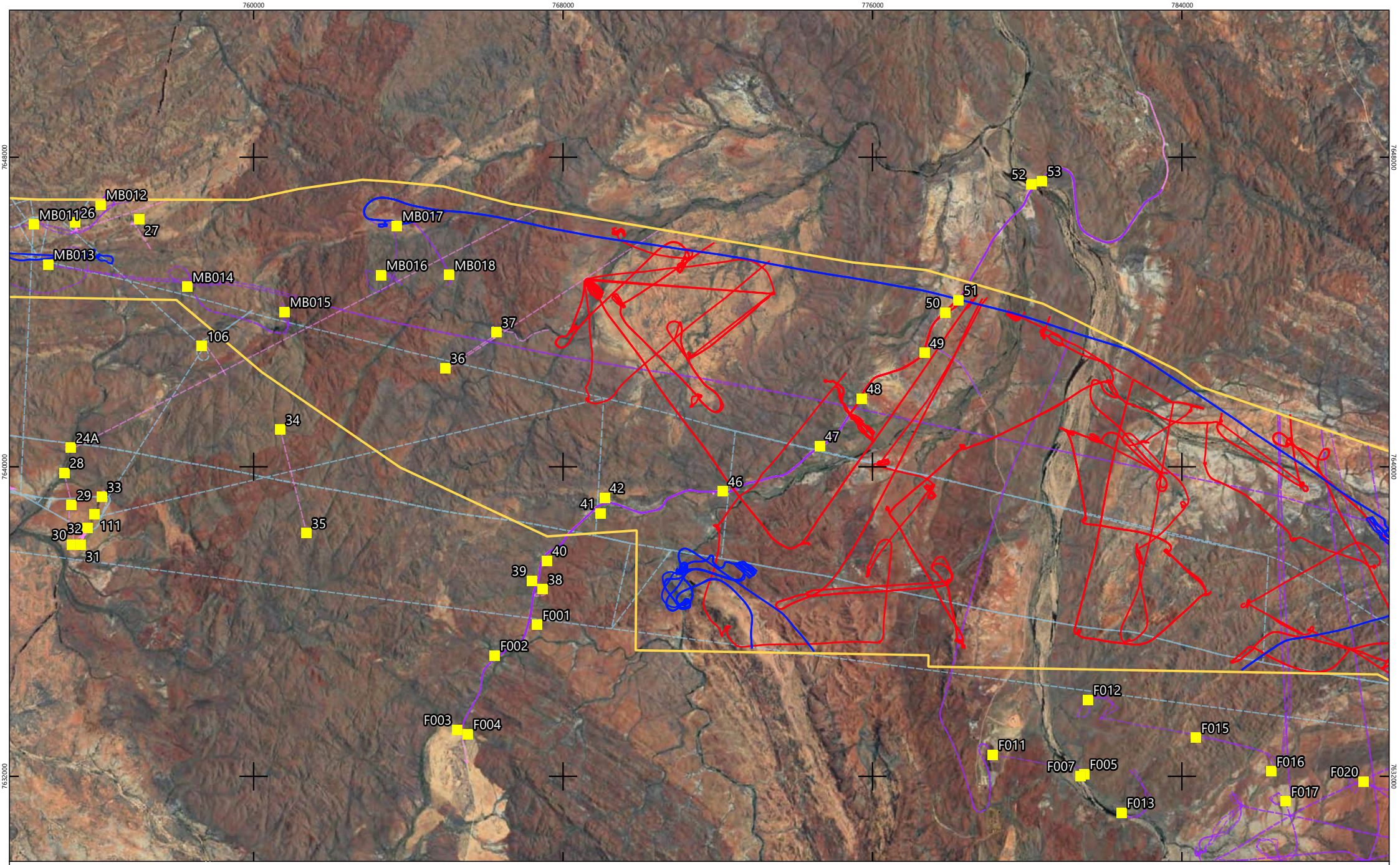


Figure 8.c - Survey Effort

Source: Google Satellite

Source: Google Satellite

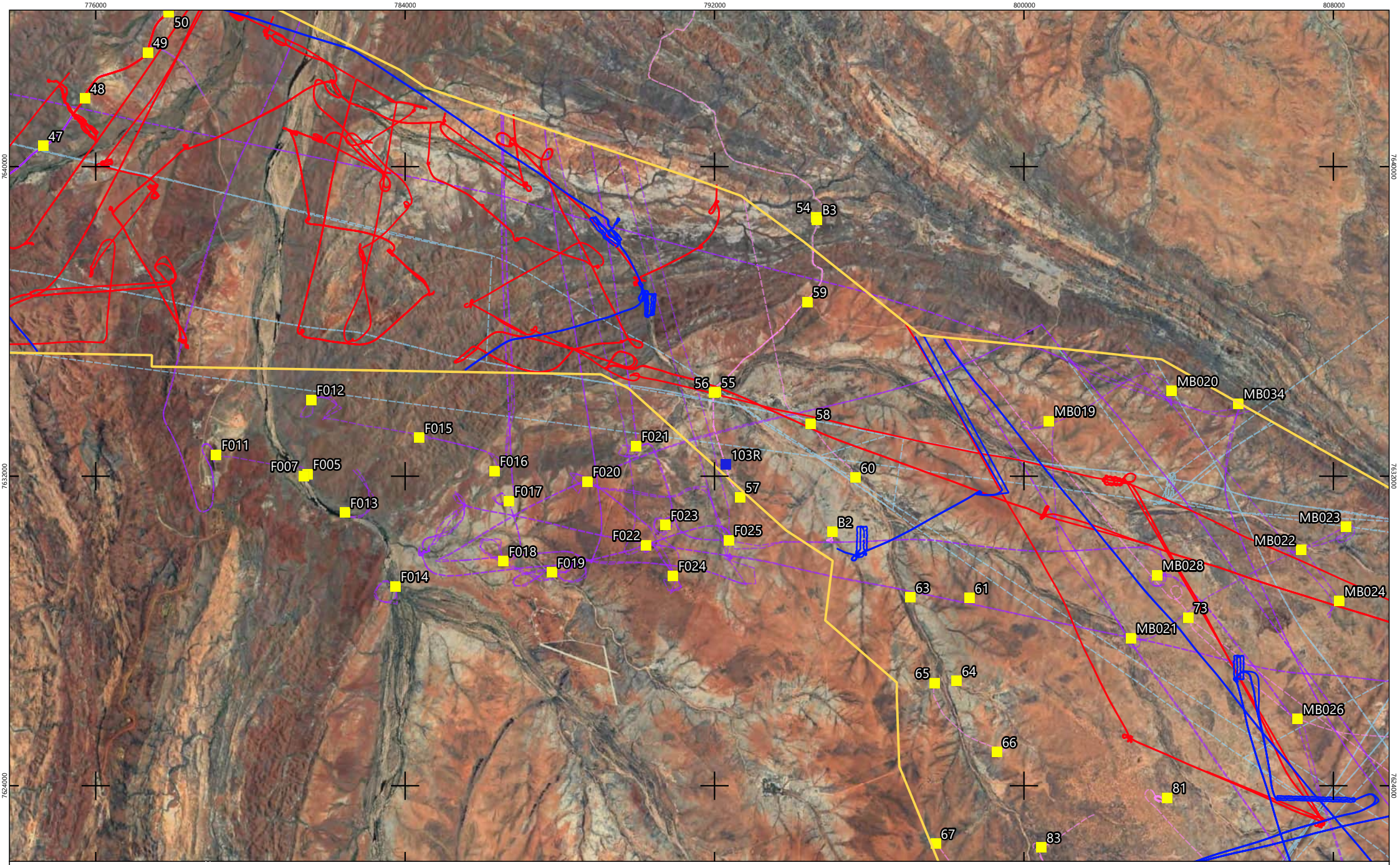
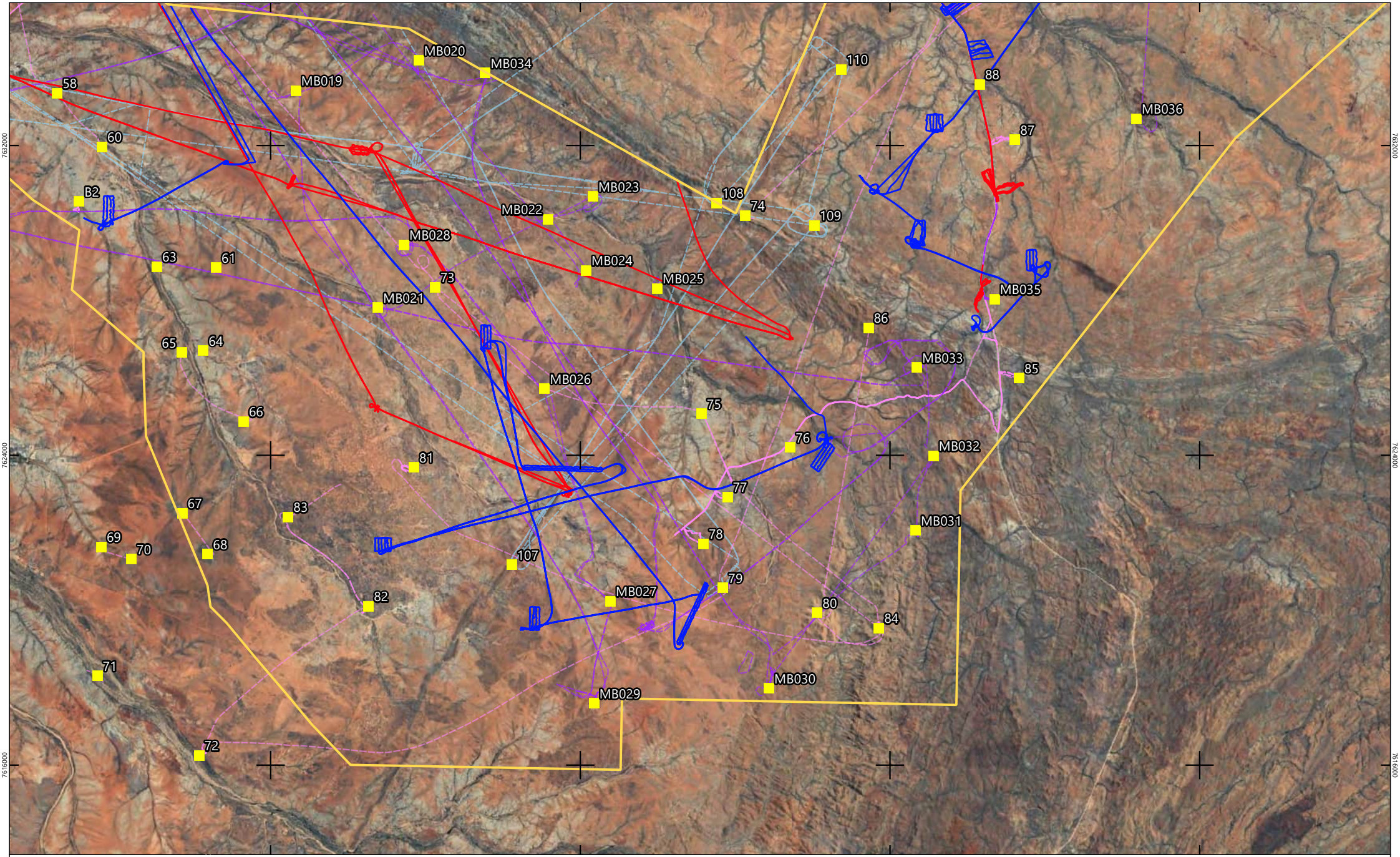
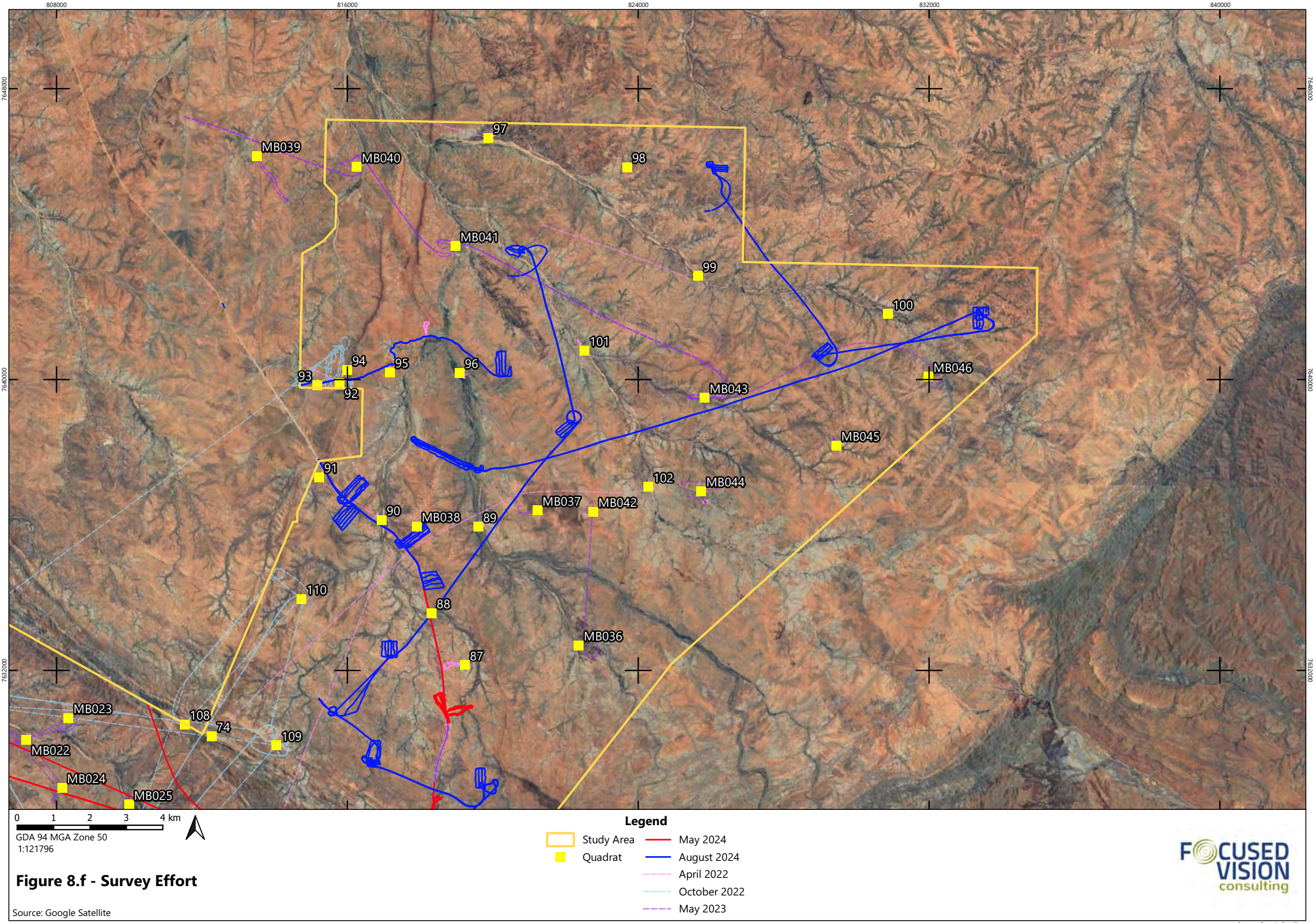


Figure 8.d - Survey Effort


800000
808000
816000
824000
7632000
7624000
7616000
MB020
MB034
MB019
58
60
B2
MB023
MB022
108
74
109
110
88
MB036
87
MB028
MB024
MB025
MB035
63
61
73
MB021
86
65
64
MB033
85
MB026
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66
76
MB032
81
77
67
83
MB031
69
70
68
78
107
79
MB027
82
80
84
71
MB030
MB029
72
0 1 2 3 4 km
GDA 94 MGA Zone 50
1:121796
Legend
Study Area
Quadrat
May 2024
August 2024
April 2022
October 2022
May 2023
FOCUSED VISION consulting
Figure 8.e - Survey Effort
Source: Google Satellite
FORT24001 14 January 2025
Source: Google Satellite


808000
816000
824000
832000
840000
7648000
7640000
7632000
97
MB039
MB040
98
MB041
99
100
101
94
95
96
93
92
MB046
MB043
MB045
91
102
MB044
MB037
MB042
90
MB038
89
110
88
MB036
87
MB023
108
74
109
MB022
MB024
MB025
0 1 2 3 4 km
GDA 94 MGA Zone 50
1:121796
Legend
Study Area
Quadrat
May 2024
August 2024
April 2022
October 2022
May 2023
FOCUSED VISION consulting
Figure 8.f - Survey Effort
Source: Google Satellite
FORT24001 14 January 2025
Source: Google Satellite

4.2.6 Vegetation Unit and Condition Mapping

Preliminary mapping of vegetation units and condition was prepared in the field, using spatial software on mobile/tablet devices. Upon returning from the field, mapping was refined using GIS mapping software to digitise mapping boundaries for the range of vegetation units present in the study area, mapped to a scale of 1:2,500.

A minimum of three sites were sampled, where possible, to provide representative and replicate samples of each vegetation unit. Where access was limited, extrapolation based on patterns in aerial imagery was utilised for digitising vegetation unit boundaries. Vegetation unit boundaries were extrapolated based on land systems and patterns in aerial imagery in areas with limited access (**Figure 7** series) particularly within Eginbah Station (phases 1-3) and Panorama Station (phases 3-5) (see **Section 4.4**).

Sample sites with similar species composition, structure and broad landforms and land systems were assessed to determine individual vegetation units. Site groupings into vegetation units also took into consideration the vastness of the study area and variation of vegetation as visible in aerial imagery.

Vegetation condition was recorded at quadrats and relevés and where other areas of varying condition were observed. The vegetation condition was mapped across the study area at the same scale as the vegetation mapping. Vegetation condition ratings are in accordance with the scale of EPA (2016a), an adaptation of the Keighery (1994) and Trudgen (1991) condition scales which specifically relates to the Eremaean and Northern Botanical Provinces. Condition ratings in the scale were documented at quadrats, relevés, mapping notes and other locations between as appropriate, to allow the mapping for vegetation condition to be prepared. Ratings included increments between each of the scale ratings (e.g. Good to Very Good), to provide finer resolution in the mapping.

4.3 DATA PROCESSING AND REPORTING

Flora identifications were undertaken by botanical taxonomists, Dr Margaret Collins, Catherine Krens, Olga Nazarova, Rachel Butler, Shibi Chandran and (Pilbara specialist) Pierre-Louis de Kock. Where species level could not be confidently identified, a suspected Threatened or Priority or range extension, specimens were verified by a second botanist or submitted for taxonomic confirmation by Mike Hislop at the WAH. Nomenclature presented in this report is in accordance with current WAH (1998-) nomenclature, as recommended by the EPA (2016a). All species were checked against current WAH distributions, comparing the closest WAH record to the centroid of the study area (784637.4 mE, 7636069.6 mN). Where records exhibited greater than 100 km, the distance between FVC and WAH and ALA records was assessed.

Prior to data analysis, a combined species list was generated from all quadrat sites across all surveyed years. Taxa were omitted from statistical analysis where taxa were recorded within one quadrat (singletons) or where taxa could not be identified to species level (id they were not able to be merged with fully identified taxa that they were considered most likely to represent), as these taxa could represent duplicate species. Sub-species, variants and hybrid taxa were reduced to species level and taxa with queries were merged with taxa most likely to be (e.g. *Acacia* ?*inaequilatera* became *Acacia inaequilatera*). See **Appendix E** for data reconciliation rationale.

Utilising PATN™ software, Version 3.12 (Belbin and Collins 2006), data analysis was conducted for all flora quadrat data, in order to group the vegetation units defined across the study area. An association matrix of the Bray-Curtis coefficient was utilised to determine similarity using classification parameter beta = -0.1. Flexible unweighted pair group mean average (UPGMA) fusion was generated from analysis of the presence and absence site by species matrix. PATN analysis was also carried out incorporating percentage foliage cover (with a bias on dominant taxa), although this did not result in stronger cohesion or clearer clusters in the dendrogram, and since the EPA (2016a) guidance recommends using only presence-absence data where surveys are conducted by

multiple botanists, and especially for surveys conducted over multiple season to avoid bias, only presence-absence analysis was utilised. The resultant dendrogram identified clusters of the quadrats which were then further analysed to be grouped into vegetation units (**Appendix E**).

Once quadrats were grouped in clusters of floristic similarity, some further groupings and separations were determined by field botanists and botanists with knowledge of arid-region vegetation, based on similarities between the groups, rationalised with other information such as landform, species composition, dominant taxa in each strata, vegetation structure, appearance in aerial imagery and on-ground observations. The suite of vegetation units represented in the study area were then finalised, and descriptions for each were prepared in accordance with NVIS (to association level) (NVIS Technical Working Group 2017).

To demonstrate adequacy of sampling, a species accumulation curve was generated based on the rate at which new species were recorded within new sample quadrats.

4.4 STUDY LIMITATIONS

The limitations of the flora and vegetation desktop and field assessments have been considered in accordance with the Technical Guidance (EPA 2016a) and are summarised in **Table 8**.

Table 8 – Study Limitations

Aspect	Constraint?	Explanation
Availability of local/ regional contextual information	No	The study area occurs within the Pilbara IBRA region and within the Chichester sub-region, which has been extensively surveyed and is a well-understood area in terms of ecological values. Several previous flora and vegetation survey reports and information or regional data are available for context and comparison. A significant number of Pilbara mining / resource developments in the region have proceeded through their life cycle, which have included biological studies to obtain approvals. This is evident in the number of reports available for the literature review and in database search results, which provided numerous records in the region.
Competency of field personnel	No	The field assessments were conducted by personnel working in pairs, with the project team lead/s each having at least nine years of Pilbara biological survey experience for phases 1-2 and at least four years' (plus experience on both prior surveys) for phases 3-5. At all stages of the project, personnel with relevant qualifications and experience contributed to the various study tasks, such as flora identifications, floristic analysis, technical reporting and technical review.
Selected scope, survey methods and level of survey detail/ intensity	No	The selected scope to the point of completion of this report was a five-phase detailed flora and vegetation assessment. The detailed assessments comprised quadrat sampling and targeted surveys for relevant Threatened and Priority flora and ecological communities. This level of survey intensity allowed for a moderately detailed level of vegetation mapping, suitable for the project needs given the very large size of the study area, particularly during all but the final phase (prior to which the extent was narrowed) and since a defined impact area had not been defined prior to phases 5. The phase 2 surveys (undertaken in October 2022) targeted Threatened and Priority flora species that either flower during this period or are present and easily distinguished when sterile.
Seasonal timing and climatic conditions	No	Phases 1, 3 and 4 were conducted within the recommended survey timing for vegetation surveys in the Eremaean botanical province, which is 6-8 weeks post wet season (March to June) (EPA 2016a). The phase 2 surveys focused on targeted searches for significant flora that flower in the dry season or can be confidently identified from sterile material (such as the Threatened *Quoya zonalis* which is easily distinguished when sterile), and in-fill quadrat sampling. Phase 5 was conducted after winter rainfall that occurred in June as recommended by the EPA (2016a). Summer rainfall in the months preceding phase 1 and 3 field assessments was above average. Specimen material collected across all field surveys was of sufficient quality for taxonomic identifications, except some herbs/grasses collected from infill quadrats in phase 2, but this was expected during the dry season and was not considered a significant limitation of the survey. The majority of specimens unidentifiable to species level are expected to be duplicates of other collections that have been fully identified. The seasonal timing of the five total surveys completed to date have adequately captured various seasons optimal for the survey of the full suite of targeted flora. However, given the vastness of the entire study area, additional survey during both peak post-wet season and dry season would be quite likely to record additional flora species not currently recorded as well as further records and population of conservation significant flora. Due to the very large size of the study area, it would not be practically possible to complete exhaustive targeted survey for significant flora across every part of the study area, rather, the determination of suitable habitats within the vegetation units that could support significant flora populations would be a more practical approach. A proposed disturbance footprint was provided only just prior to the commencement of the phase 5 survey, meaning that some areas of the proposed disturbance footprint could not be targeted during the recommended primary survey timing period (March to June).

Aspect	Constraint?	Explanation
Accessibility	Yes	Some parts of the study area could not be accessed during one or all of the surveys, comprising: Eginbah Station, Panorama Station, some third-party tenements, and areas of heritage significance (**Figure 7** series) . Access across Eginbah Station was restricted for phases 1-3, however some quadrats were established within the pastoral lease adjacent to publicly accessible roads. Access to Eginbah was possible during phases 4 and 5 (partial restrictions phase 5) with majority of these two phases focusing on this portion of the study area. In phases 1 and 2 access to Panorama Station was unrestricted, with 58 quadrats sampled. In phase 3 the study area was expanded to include a southern corridor option that largely intercepted Panorama Station (**Figure 7 series**). Mustering activity during the phase 3, meant access to Panorama could only be made via public access roads and walking, and helicopters were not able to fly at altitude sufficiently low to interpret vegetation from the air. The phase 3 restrictions across Panorama Station limited access to the western and central portion of the southern corridor addition, however four quadrats were established within the pastoral lease adjacent to publicly accessible roads (**Figure 7** and **8**). Similar restrictions were experienced for Panorama Station during phases 4 and 5 in which no additional quadrats were established within the station. Further access restrictions were applied to some third-party tenements during the phase 3 field assessment, which permitted foot access, but not helicopter access, which limited the amount of ground that could be directly surveyed. One third party tenement restricted access entirely from phase 3 onward (**Figure 7** series).
Mapping reliability/ proportion of values identified/ recorded based on extent of survey	No	Mapping within the study area is at a scale based on ground-truthed areas, extrapolated using aerial imagery and land system mapping. Due to the enormity of the study area, mapping reliability, as well as the proportion of values identified and recorded is considered moderate throughout the study area, but suitable, given the scale of the area. Access restrictions during phases 3-5, particularly in areas not included in the phase 1 study area have lower mapping reliability. In portions of Panorama Station, mapping was via extrapolation, due to restricted access, although areas with land systems common to areas surveyed on the ground are considered likely to be similar. All land systems present within the study area are represented by one or more quadrats
Disturbances that may have affected survey results	No	The study area is mostly in excellent condition with little to no pastoral or weed impacts evident in areas that are higher in elevation. However, major drainage lines and their tributaries support slightly degraded vegetation due to the impacts of livestock and weeds. Areas disturbed by recent fires were noted during all phases of surveys. Areas close to previous known locations of *Quoya zonalis,* in proximity to Iron Bridge were noted to have recently been burnt. Areas were planned quadrats or targeted searches occurred in recently fire disturbed areas were not conducted to as not affect the accuracy of survey results and were targeted in later subsequent surveys. The limited areas of degradation and fire disturbance are not considered to have affected the accuracy of survey results.
Survey completeness	Somewhat	Phases 1 and 3-5 of surveys were conducted following summer rainfall, which is optimal for undertaking biological surveys in the region. Quadrat and relevé placement showed adequate spatial spread across the study area (**Figure 8**). Of the 39 defined vegetation units within the study area, 12 were defined by less than three quadrats, eight of which are defined by a single quadrat. Of these 12 vegetation units, nine are considered to have a limited distribution within the study area. However, areas of restricted access, particularly Panorama Station, would warrant further surveys focusing on the Platform Land System, to determine if additional vegetation types occur within the study area and search for conservation-significant flora. The Taylor Land System is under-surveyed, with one quadrat occurring within the land system. The Taylor Land System is, however, restricted by distribution and is not considered to limit the completeness of the survey. Both the Platform and Taylor Land Systems combined comprise of less than 0.6% of the study area.

5. RESULTS

5.1 DESKTOP ASSESSMENT

5.1.1 Literature Review

The key survey results of previous botanical surveys reviewed for local and regional context of the study area are summarised in **Table 9** and approximate spatial distribution presented in **Figure 9**.

Table 9 – Previous Surveys Within and Surrounding the Study Area

Report Title (Reference)	Distance from Study Area	Survey Methodology	Key Survey Results
Sanjiv Ridge Project Detailed Flora and Impact Assessment (Woodman 2021)	Intersects study area	Impact Assessment August 2021	• Total study area: 25,958.7 ha • 357 quadrats • 15 Vegetation units • 16 significant flora taxa • A total of 15 vegetation units which were determined to be of local conservation significance • Two potential ground-water dependent vegetation units supporting obligate phreatophyte *Melaleuca argentea*, as well as *Eucalyptus camaldulensis* subsp. *refulgens*.
Warrawoona Gold Project Detailed Flora and Vegetation Assessment (Woodman 2019a)	Intersects study area	Combined Detailed and Targeted Flora and Vegetation Survey April 2018 and April-May 2019	• 87 quadrats and 7 relevés • Study area: 1,388.9 ha • 10 vegetation units • 267 taxa of vascular flora • Eleven introduced taxa • Five Priority taxa *Josephinia* sp. Woodstock (A.A. Mitchell PRP 989) (P1), *Eragrostis crateriformis* (P3)[#], *Euphorbia clementii* (P3), and *Euploca mutica* (P3) and *Ptilotus mollis* (P4) • One range extension: *Josephinia* sp. Woodstock (A.A. Mitchell PRP 989) • Two potentially undescribed species: *Abutilon* aff. *hannii* (currently *Abutilon hannii*, not Threatened) and *Portulaca* ?*digyna* (at the completion of the 2019 survey) • Five local or potential local significant vegetation units (2, 3, 4, 8 and 9) • One vegetation unit may be of regional significance.
Glacier Valley Extension Flora and Vegetation Survey, North Star Project (Ecoscape 2018)^	Intersects study area	Two phase Detailed flora and Vegetation survey May 2018	• Total study area: 4,820.37 ha • 60 quadrats • 11 vegetation units, no TECs or PECs • Total of 218 vascular flora • 4 introduced species • One Threatened species; *Quoya zonalis* • Two Priority species; *Ptilotus mollis* (P4) and *Triodia basitricha* (P3)
Corunna Downs Project Level 2 Flora and Vegetation Assessment (Woodman 2016)	Intersects study area	Level 2 Flora and Vegetation Assessment December 2016	• Total study area: 26,021.8 ha • 357 quadrats • 15 vegetation units • 413 vascular flora taxa • 16 significant flora taxa, including 11 Priority taxa, three undescribed taxa (at the completion of the 2016 survey), and two taxa significantly disjunct from the rest of their populations • 18 introduced flora taxa

Report Title (Reference)	Distance from Study Area	Survey Methodology	Key Survey Results
			• A total of 15 vegetation units, eight of which were determined to be of local conservation significance and one potentially regionally significant • Two potential GDV units • No TECs or PECs.
Iron Bridge North Star Stage 2 *Pityrodia* sp. Marble Bar Regional Survey 2015 (Ecologia 2016)	Intersects study area	Regional Survey September 2015	• Study area: not reported • Vegetation units not surveyed • Quadrats not surveyed • 2,114 new locations of *Quoya zonalis* (T). Total 7,787 new records, including 7,473 mature individuals, 269 juveniles and 45 seedlings • Total 67 populations of *Quoya zonalis* (T).
North Star Slurry and Infrastructure Corridors, Conservation Significant Flora and Vegetation Assessment (Ecologia 2015a)^	Intersects study area	Targeted Conservation Significant Flora and Vegetation Communities June/July and August 2025	• Study area corridor; 144 km • No TECs or PECs • Three potential GDV vegetation units • 11 introduced species • One Threatened species; *Quoya zonalis* (outside of study area) • Twelve Priority species; *Abutilon* sp. Pritzelianum (S. van Leeuwen 5095) (P3), *Gomphrena leptophylla* (P3), *Gymnanthera cunninghamii* (P3), *Eragrostis crateriformis* (P3)[#], *Euploca mutica* (P3), *Euphorbia clementii* (P3), *Nicotiana umbratica, Phyllanthus hebecarpus* (P3), *Rothia indica* subsp. *australis* (P3), *Bulbostylis burbidgeae* (P4), *Ptilotus mollis* (P4) and *Goodenia nuda* (now de-listed).
North Star Vegetation and Flora Assessment (Ecologia 2012a)^	Intersects study area	Targeted *Quoya zonalis* Survey August 2012	• Study area: not reported • 33 vegetation units • 272 quadrats • taxa of vascular flora • Eight Priority taxa; *Quoya zonalis* (T), *Abutilon* sp. Pritzelianum (S. van Leeuwen 5095) (P3), *Euphorbia clementii* (P3), *Euploca mutica* (P3), *Gymnanthera cunninghamii* (P3) Acacia glaucocaesia (P3)[#], *Goodenia nuda* (P4)[#] and *Ptilotus mollis* (P4) • Nine introduced taxa • Five range extensions; *Acacia tumida* var. *tumida, Isotoma petraea, Portulaca cyclophylla, Scaevola browniana* subsp. *browniana, Schoenoplectus lateriflorus* • Vegetation unit FpAtCo is the most significant unit
Pityrodia sp. Marble Bar Targeted Flora Survey (Ecologia 2012b)	Intersects study area	Targeted *Quoya zonalis* Survey August 2012	• Study area: not reported • Vegetation units not surveyed • Quadrats not surveyed • 688 *Quoya zonalis* (T) plants from 10 locations ▪ 34 plants recorded from known *Quoya zonalis* (T) 654 plants recorded from new locations • Panorama Station was most populous location (438 plants) • A new location with 115 plants lies to the west of all previously known locations • Resulted in a significant expansion in number of plants of this species • 1,521 *Quoya zonalis* (T) plants were recorded • No substantial extension to the species range was recorded.

Report Title (Reference)	Distance from Study Area	Survey Methodology	Key Survey Results
North Start Extension Targeted Flora Assessment (Ecologia 2023)^	Adjacent to western boundary of study area	Target Flora Assessment April and May 2023	• Study area : North Star Extension (NSE) 1,426 ha, Mine Development Envelope (MDE) 5,275 ha and Western Addition 1,042 ha • Vegetation units not surveyed • Quadrats not surveyed • 2,762 *Quoya zonalis* (T) plants; seven within NSE, 2,747 within MDE, five within Western Addition area and three just outside the study area. • 12,583 *Themeda* sp. Panorama (J. Nelson *et al.* NS 102) plants; 169 within NSE, 10,998 within MDE, 1,133 within the Western Addition area and 283 recorded outside the study area along the access road. • 215,555 *Triodia basitricha* plants; 65,500 within NSE, 138,055 within MDE and 12,000 recorded outside study area along access road. • 1,190 *Ptilotus mollis* plants; 867 within NSE, 307 within MDE and 16 within the Western Addition area.
Quoya zonalis Targeted Flora Survey Iron Bridge (North Start Project) (Spectrum Ecology 2021)^	>1 km west of study area	Targeted Flora Survey July 2021	• 179 km of traverses • Vegetation units; unreported • Three study areas: ▪ Area 1 – LUC 4359 (2 ha) ▪ Area 2 – Water Pipeline (RWP; 159 ha) ▪ Area 3 – Tailings Storage Facility (TSF; 1,042 ha) • 1,825 new records of *Quoya zonalis* (T) • 1,141 new records of *Ptilotus mollis* (P4).
McPhee Creek Flora and Vegetation Survey (Ecoscape (Australia) Pty Ltd 2020b)	~7 km south-east of study area	Flora and Vegetation Survey March–May 2020	• Total study area: 6,055.55 ha • 42 quadrats • 19 vegetation units • Total of 224 taxa of vascular flora (34 families, 97 genera) • Key families: Fabaceae (51 taxa), Poaceae (42 taxa) and Malvaceae (24 taxa). The most represented *Acacia* (26 taxa), *Ptilotus* (nine taxa) and *Senna* (nine taxa) • No Threatened flora • Three Priority species: *Acacia aphanoclada* (P1), *Rostellularia adscendens* var. *latifolia* (P3) and *Ptilotus mollis* (P4) • Seven introduced taxa, including a DP (**Calotropis procera*).
Flora and Vertebrate Fauna Assessment of the Big Schist Pipeline Corridor (Rapallo 2021a)	~2 km north of study area	Combined Flora and Fauna Assessment March 2021	• 34 relevés • 7 vegetation units • Total study area: 269 ha • Total of 125 taxa of vascular flora (30 families); key families: Fabaceae (32 taxa), Poaceae (23 taxa) and Malvaceae (9 taxa). Of the 125 flora taxa recorded, 16 taxa (13%) were annuals, 7 (6%) were annual or short-lived perennial, 90 (72%) were perennials. Twelve taxa did not have life cycle information available • No conservation significant flora • Five introduced taxa, including a Declared Pest (**Calotropis procera*) • 16 taxa (13%) were annuals, 7 (6%) were annual or short-lived perennial, 90 (72%) were perennials • Seven broad vegetation units: *Acacia inaequilatera* over *Triodia epactia* and *Triodia wiseana* on stony plain (42%); *Grevillea pyramidalis* and *Acacia species* over *Triodia*

Report Title (Reference)	Distance from Study Area	Survey Methodology	Key Survey Results
			species or **Cenchrus ciliaris* on sandy loam plain (23%); *Acacia inaequilatera* and *Grevillea wickhamii* over *Indigofera monophylla* over *Triodia wiseana* and *Triodia brizoides* and *Arivela viscosa* on hills and rises (18%); *Eucalyptus victrix* and *Corymbia hamersleyana* with *Melaleuca* species over **Cenchrus ciliaris* and *Triodia longiceps* on major drainage (3%); *Corymbia hamersleyana* and *Acacia pyrifolia* with occasional *Melaleuca argentea* over **Cenchrus ciliaris* and *Triodia epactia* on medium drainage (7%); *Indigofera monophylla* over *Arivela viscosa* and *Triodia epactia* on minor drainage (5%); *Acacia inaequilatera* and *Corymbia hamersleyana* over *Triodia wiseana* on hill crests and slopes. It covered 2 ha (<1%) of the study area.
Flora and Vertebrate Fauna Assessment of the Moolyella Pipeline Corridor (Rapallo 2021b)	~3 km north of study area	Reconnaissance Level Flora Assessment May 2021	• Total study area: 413 ha • 61 relevés • 9 vegetation units • 115 taxa (28 families); key species: Fabaceae (35 taxa), Poaceae (16 taxa), Malvaceae (7 taxa) and Myrtaceae (6 taxa) • 91 taxa (79%) were perennials, 14 taxa (12%) were annuals, remaining 9% taxa life cycle undefined • One Priority species, *Eragrostis crateriformis* (P3)[#] • Six introduced species, including declared pest **Calotropis procera* • Six flora groundwater dependent taxa: *Eucalyptus camaldulensis, Melaleuca argentea, Acacia ampliceps, Atalaya hemiglauca, Eucalyptus victrix, Melaleuca glomerata.*
Quoya zonalis Targeted Flora Survey Iron Bridge (Iron Bridge Project) (Spectrum Ecology 2021)^	~4 km north and south of study area	Targeted Flora Survey December 2020, January 2021	• 127 km of traverses • Three study areas: ▪ Shooting Star – LUC 6213 (298 ha) ▪ South Star – LUC 6213 (2,233 ha) ▪ Priority One Area – LUC 6523 (133 ha) • 1,689 new records of *Quoya zonalis* (T) • 274 new records of *Ptilotus mollis* (T).
North Star Aerodrome Flora Level 2 and Fauna Level 1 Assessment (Ecologia 2015b)^	~4 km west of the study area	Single phase, Detailed Flora and Vegetation assessment August 2015	• Total study area: 6,230 ha • 23 quadrats • 9 vegetation units, no TECs or PECs • One vegetation unit considered a GDV • 221 vascular flora species (41 families, 113 genera) • No Threatened or Priority flora were recorded.
Quoya zonalis targeted flora survey at West Star Iron Bridge (Priority 1 area) (Ecologia 2022)	~ 5 km west of the survey area	Targeted Flora Survey October 2022	• 611 records of *Quoya zonalis* (T)

Report Title (Reference)	Distance from Study Area	Survey Methodology	Key Survey Results
McPhee Creek Flora and Vegetation Survey (Ecoscape 2020b)	~7 km south-east of study area	Flora and Vegetation Survey March–May 2020	• Total study area: 6,055.55 ha • 42 quadrats • 19 vegetation units • Total of 224 taxa of vascular flora (34 families, 97 genera) • Key families: Fabaceae (51 taxa), Poaceae (42 taxa) and Malvaceae (24 taxa). The most represented *Acacia* (26 taxa), *Ptilotus* (nine taxa) and *Senna* (nine taxa) • No Threatened flora • Three Priority species: *Acacia aphanoclada* (P1), *Rostellularia adscendens* var. *latifolia* (P3) and *Ptilotus mollis* (P4) • Seven introduced taxa, including a DP (**Calotropis procera*).
A Review of Flora and Vegetation and Targeted Search for *Pityrodia* sp. Marble Bar - Sulphur Springs Zinc Copper Project (Mattiske Consulting 2018)	~7 km north of study area	A Reconnaissance Level Flora and Vegetation Survey on the Sulphur Springs Project May 2018	• 290 quadrats sampled • Study area: 845.72 ha • 15 vegetation units • Total of 360 vascular flora species (48 families, 139 genera); major families: Fabaceae (77 taxa), Poaceae (60 taxa) and Malvaceae (37 taxa) • One Threatened flora species and 3 Priority flora species, including one P2 taxa, one P3 taxa, and one P4 taxa • Records of Threatened and Priority flora species: *Quoya zonalis* (15 records) (T), *Euphorbia clementii* (P2), *Gymnanthera cunninghamii* (P3) and *Ptilotus mollis* (P4) • Three introduced (weed) species: **Calotropis procera*, **Cenchrus ciliaris* and **Setaria verticillata* • No TECs or PECs • Fifteen vegetation communities; with two major vegetation communities • Groundwater Dependent Ecosystems: ▪ dominant tree species: *Eucalyptus victrix* • Dominant understorey: *Melaleuca lasiandra, Petalostylis labicheoides, Stemodia grossa* and *Cyperus vaginatus*.
A Review of the Flora and Vegetation and an Assessment of Groundwater Dependent Ecosystems in the Panorama Project Survey Area (Mattiske Consulting 2007)	~8.5 km north of study area	Flora and Vegetation and an Assessment of Groundwater Dependent Ecosystems in the Panorama Project Survey Area April–October 2001, April–May 2006, May–June 2007	▪ 81 quadrats sampled ▪ 18 vegetation units ▪ Total of 514 plant taxa (58 families, 161 genera); major families: Poaceae (76 taxa), Papilionaceae (61 taxa), Malvaceae (46 taxa) and Mimosaceae (44 taxa) ▪ Ten introduced species ▪ No Threatened flora species ▪ Seven Priority flora species: *Euphorbia clementii* (P2), *Gymnanthera cunninghamii* (P3) *Ptilotus mollis* (P4), *Gonocarpus ephemerus*[#], *Olearia fluvialis*[#], *Abutilon* sp. Pilbara (W.R. Barker 2025)[#], *Acacia glaucocaesia*[#] • No TECs.
North Star Alternate Access Road Flora and Vegetation Assessment (Coffey 2014)^	~ 7.2 km north west of the study area	Detailed Flora and Vegetation Assessment June 2014	• Total study area: 4,419 • 30 quadrats • 10 vegetation units • Total of 166 flora taxa of vascular flora • 2 introduced species • Priority flora species: *Euploca mutica* (P1) and *Goodenia nuda*[#] • No threatened flora species • No TECs or PECs

Report Title (Reference)	Distance from Study Area	Survey Methodology	Key Survey Results
Miralga Creek DSO Project. Report and Recommendations of the Environmental Protection Authority (EPA 2020)	~13 km north of study area	Report and Recommendations of the Environmental Protection Authority September 2020	• Total study area: 21,501.4 ha • 107 quadrats • 12 vegetation units • Total of 380 taxa of vascular flora (54 families, 157 genera) • 20 introduced species • Priority flora species: one P1, one P2, five P3 and one P4 • Two potentially undescribed taxa (at the completion of the 2020 survey) • Six taxa representing a range extension or outlier of known range • One potentially groundwater dependent vegetation units ▪ Low likelihood of occurrence of *Quoya zonalis* (T).
Corunna Downs Intersection Works. Flora and Vegetation Assessment (Woodman 2017)	~14 km north of study area	Reconnaissance Level Flora and Vegetation Assessment, and Assessment of Impacts April 2017	• 12 relevés across 3 areas • 3 study areas totalling 14.23 ha • 10 vegetation units • No conservation significant flora Area 1 ▪ 69 taxa (21 families); key families: Fabaceae (16 taxa), Poaceae (15 taxa) and Malvaceae (7 taxa). ▪ Five introduced taxa Area 2 ▪ 60 taxa (21 families); key families: Fabaceae (14 taxa,) and Poaceae (7 taxa) ▪ Three introduced taxa Area 3 ▪ 45 taxa (16 families); key families: Fabaceae (14 taxa) and Poaceae (8 taxa) ▪ Two introduced taxa.
Miralga Creek Iron Ore Project Detailed Flora and Vegetation Survey (Woodman 2019b)	~14 km north of study area	Targeted and Detailed Flora and Vegetation Survey May 2019	• 107 quadrats • Study area: 21,501.4 ha • 12 vegetation units • 380 taxa of vascular flora (54 families) • 20 Introduced taxa including Declared Pest, **Calotropis procera* • One P1 species, *Corchorus* sp. Yarrie (J. Bull & D. Roberts CAL 01.05) • One P2 species, *Euphorbia inappendiculata* var. *inappendiculata* • Five P3 species: *Eragrostis crateriformis*#, *Euphorbia clementii*, *Dolichocarpa* sp. Hamersley Station (A.A. Mitchell PRP 1479), *Triodia basitricha* and *Triodia chichesterensis* • One P4 species, *Goodenia nuda*# • Two potentially undescribed species, *Abutilon* aff. *hannii* and *Polymeria* sp. • Six range extension species: *Cyperus microcephalus* subsp. *saxicola*, *Desmodium campylocaulon*, *Dodonaea petiolaris*, *Fimbristylis nuda*, *Ophioglossum lusitanicum* and *Scleria rugose* • 5 out of 12 vegetation units are considered locally significant • One vegetation unit is likely to be regionally restricted • Potential that all or portions of vegetation units 5 are GDEs.

Report Title (Reference)	Distance from Study Area	Survey Methodology	Key Survey Results
North Star Junction Flora and Fauna Assessments (Ecoscape 2021)^	~23 km west of the study area	Reconnaissance Flora and Vegetation and Basic Fauna Survey May 2021	• Total study area: 1,023.05 ha • 10 quadrats • 8 vegetation units, no TECs or PECs • Total of 210 vascular flora • 3 introduced species • 9 Priority flora species: *Gomphrena leptophylla* (P3), *Gymnanthera cunninghamii* (P3), *Euploca muticum* (P3), *Nicotiana umbratica* (P3), *Phyllanthus hebecarpus* (P3), *Rothia indica* subsp. *australia* (P3), *Triodia chichesterensis* (P3), *Bulbostylis burbidgeae* (P4) and *Goodenia nuda* (now de-listed) • One GDV vegetation type • Vegetation condition ranged from Good to Excellent
Supplementary Vegetation and Flora Surveys of the Port Hedland to Cloudbreak Rail Corridor and Associated Borrow Pits and Infrastructure (Coffey 2007)^	~23 km west of the study area	Supplementary Flora and Vegetation Survey May 2006	• 182 quadrats and 43 relevés • 115 vegetation units • Study area: unreported • 548 flora taxa (56 families) key families: Fabaceae (92), Poaceae (87) and Malvaceae (38) • Six introduced species • Seven Priority species: *Euphorbia clementii* (P3), *Stylidium weeliwolli* (P3), *Gymnanthera cunninghamii* (P3), *Gonocarpus ephemerus*[#], *Abutilon* sp. Pilbara (W.R. Barker 2025) [#], *Goodenia nuda*[#], *Sida arsiniata*[#] • No Threatened species • Six introduced species • No TECs or PECs.
Vegetation and Flora Survey of the Proposed FMG Stage a Rail Corridor (Biota 2004)^	23.5 km east of study area	Baseline Botanical Survey March–May 2004	• 97 quadrats • 122 terrestrial vegetation units • Study area: unreported • Total of 762 taxa of vascular flora (69 families, 218 genera); key families: Poaceae (121 taxa), Papilionaceae (76 taxa), Malvaceae (65 taxa) and Mimosaceae (63 taxa). The most represented genera were *Acacia* (61 taxa), *Sida* (29 taxa), *Tephrosia* (21 taxa), and *Cassia* (now Senna) and *Ptilotus* (19 taxa each) • Eleven introduced species • Three P1 species (*Eremophila spongiocarpa*, *Goodenia omearana*, *Josephinia* ?sp. Marandoo (currently *Josephina eugeniae*[#] (ME Trudgen 1554)) • Seven P2 species (*Euphorbia clementii, Gonocarpus ephemerus*[#]*, Indigofera ixocarpa*, *Ischaemum albovillosum*[#], *Olearia fluvialis*[#], *Paspalidium retiglume Stylidium weeliwolli*) • Ten P3 species (*Abutilon trudgenii* ms. (currently *Abutilon* sp. Pilbara (W.R. Barker 2025), now delisted), *Bulbostylis burbidgeae*, *Eriachne tenuiculmis*[#]*, Goodenia nuda*[#]*, Gymnanthera cunninghamii, Hibiscus brachysiphonius*[#], *Phyllanthus aridus*[#]*, Polymeria longifolia*[#], *Sida arsiniata*[#], *Themeda* sp. Hamersley Station (ME Trudgen 11,431)) • One P4 species (*Goodenia stellata*[#]).

Report Title (Reference)	Distance from Study Area	Survey Methodology	Key Survey Results
E 45/2287 Infill Pilgangoora Project Biological Survey, Pilbara Western Australia (Animal Plant Mineral 2023)	~29 km north-west of study area	Detailed Flora and Vegetation Survey March 2023	• 18 quadrats • Three terrestrial vegetation units • Study area: unreported • Total of 119 taxa of vascular flora (25 families, 67 genera); key families: Fabaceae (24 taxa), Malvaceae (9 taxa), Convolvulaceae (8 taxa) and Goodeniaceae (7 taxa). The most represented genera were *Acacia* (9 taxa), *Triodia* (7 taxa) and *Goodenia* (6 taxa). • Two introduced species • Two P3 species; *Triodia chichesterensis* and *Euploca mutica.*
North Star Filtration Plant Relocation. Flora, Vegetation, Vertebrate Fauna and Fauna Habitat Assessment (Ecologia 2014)^	~32 km west of the study area	Reconnaissance Flora and Vegetation, Level 1 Fauna Assessment August 2014	• Total study area: 616 ha • 10 quadrats • 5 vegetation units, no TECs or PECs • One vegetation unit considered a GDV • No Threatened species recorded • One Priority flora, *Gymnanthera cunninghamii* (P3) • 6 introduced species.
Wodgina Expansion Project Detailed Flora and Vegetation Assessment (Woodman 2018)	~36 km east of study area	Detailed Flora and Fauna Survey. June-July 2018	• 113 quadrats • Study area 4,373 ha • 12 vegetation units • 223 taxa of vascular flora (43 families); key families: Fabaceae (43 taxa), Poaceae (41 taxa) and Malvaceae (21 taxa) • Five P3 taxa: *Euphorbia clementii, Heliotropium muticum, Terminalia supranitifolia, Triodia chichesterensis, Vigna triodiophila* • One potentially undescribed species, *Abutilon* aff. *hannii* (currently *Abutilon hannii*, not Threatened) • One range extension, *Triodia scintillans* • Five introduced taxa.
Nullagine Project Flora and Vegetation Survey (Astron 2009)^	~50 km south of the study area	Detailed Flora and Vegetation Survey May-September 2008	• 462 flora taxa (58 families); key families: Fabaceae (85 taxa), Poaceae (70 taxa) and Malvaceae (48 taxa) • Seven Priority taxa: *Stemodia* sp. Battle Hill (A.L. Payne 1006) (P1), *Atriplex flabelliformis* (P3), *Swainsona thompsoniana* (P3), *Iotasperma sessilifolium* (P3), *Ptilotus mollis* (P4), *Amaranthus cuspidifolius*[#], *Vigna* sp. Hamersley Clay (A.A. Mitchell PRP 113)[#]

NB: *Quoya zonalis* was previously recognised as *Pityrodia* sp. Marble Bar (G. Woodman & D. Coultas GWDC Opp 4)

[#] This species is now delisted

^ delineates sources that make up the Fortescue database

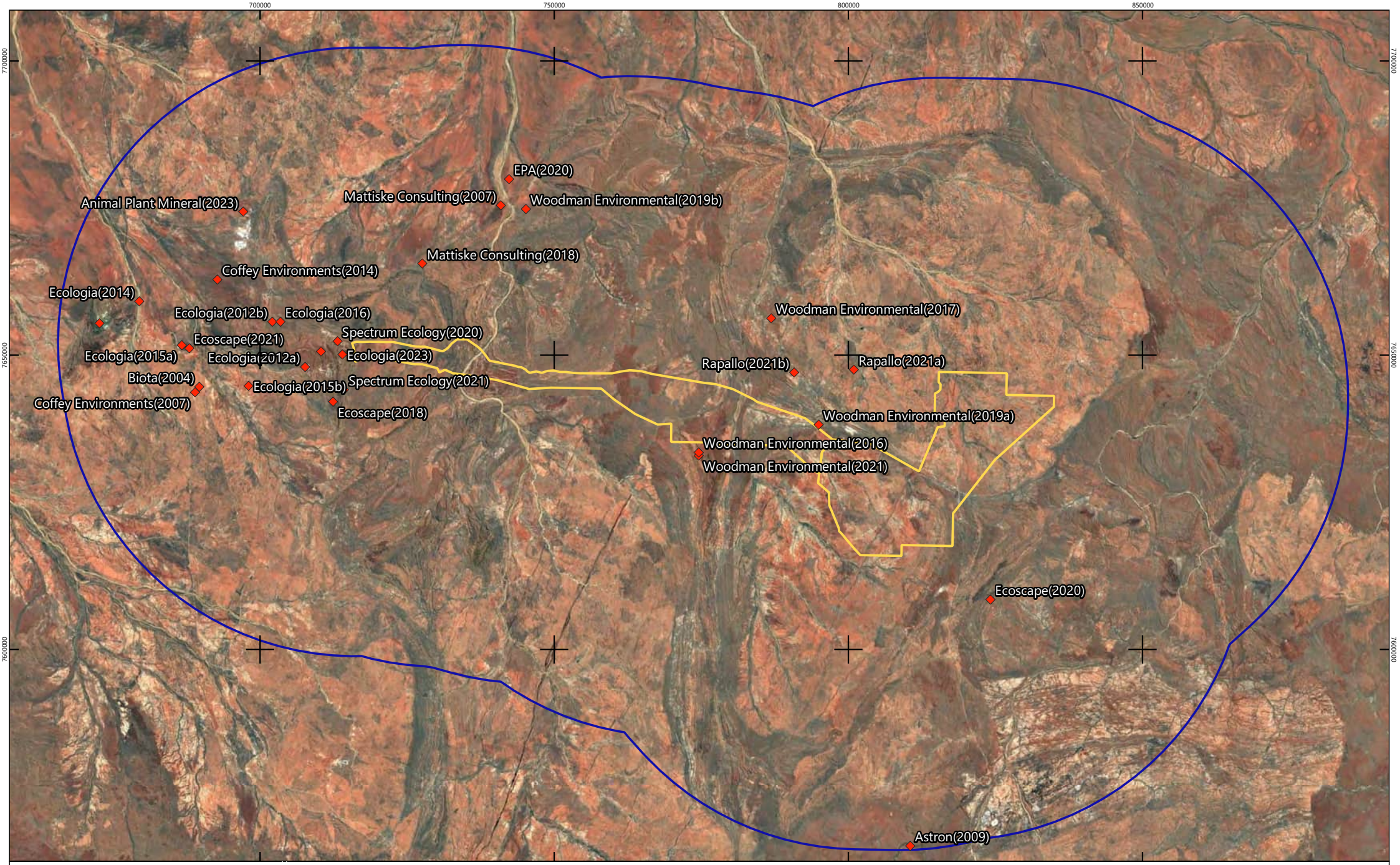


Figure 9 - Literature Review

Source: Google Satellite

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5.1.2 Threatened and Priority Flora

The database searches and previous survey results (**Section 5.1.1**), identified 46 conservation significant flora species previously recorded within 50 km of the study area (**Table 10**). Two species were identified in the literature review that were not identified by the database searches.

The likelihood of occurrence assessment undertaken prior to the survey identified that of these 46 conservation significant flora taxa:

- eight had been recorded by FVC within the study area
- four known to occur within the study area
- three were considered likely to occur
- 17 were considered may occur, and
- 14 were considered unlikely to occur.

Of the 32 taxa that had previously been recorded, or had the potential to occur within the study area:

- one species (*Quoya zonalis*) is listed as Threatened
- nine species are P1,
- two species are P2,
- 17 species are P3, and
- three species are P4.

The previously recorded locations of Threatened and Priority flora, including known locations of *Quoya zonalis* (T), in the vicinity of the study area are presented in the **Figure 10** series.

One P3, *Acacia levata,* was previously recorded by FVC during the 2023 survey, approximately 5.5 km south of the current study area. This species was recorded within a floodplain that occurs on the Capricorn Land System and Hardey Formation geological unit. Similar habitat was not identified within the current study area and it is unlikely that other areas of suitable habitat occur. Although previously recorded, *Acacia levata* has been omitted from further discussion as it is considered unlikely the species occurs within the current study area.

Table 10 – Threatened and Priority Flora Likelihood of Occurrence

Species	EPBC Act Cons. Status	WA Cons. Status	Description	Habitat Preference	Likelihood of Occurrence	Source
Quoya zonalis	Threatened (Endangered)	Threatened (Endangered)	Erect shrub growing 1.2 to 2 m high. Corolla white to pale pink with darker pink spots and markings on the lower central lobe and in the throat. Produces flowers in July to August.	Steep slopes, gullies, rocky, sandstone conglomerate and granite slopes in skeletal, brown/red, sandy loam soils on the Capricorn Land System. Recorded in association with *Corymbia / Eucalyptus leucophloia* subsp. *leucophloia* woodlands, *Acacia tumida* var. *pilbarensis / Grevillea wickhamii* Shrublands, Triodia hummock grasslands.	**Recorded** – 95 DBCA records occur within the 50 km of the study area, none of which occur within the study area. 154 individuals recorded by FVC (2024), 93 of which occur within the current study area. FVC records generally restricted to granite outcropping and hilltop breakaways on the Granitic, Capricorn and Black Land System to the west of Shaw River. A further 5,443 Fortescue database records occur within 50 km of the study area, 2 of which were recorded within the study area on the most western boundary.	Animal Plant Mineral (2023), DBCA, Ecologia (2012a), Ecologia (2012a), FVC (2024), Fortescue Database (2023), Mattiske Consulting (2018), PMST, Spectrum Ecology (2021a), Spectrum Ecology (2021b)
Acacia aphanoclada	-	Priority 1	Slender, wispy shrub growing 1.7 to 5 m high. Produces yellow flowers from August to October.	Skeletal stony soils. Rocky hills, ridges and rises.	Unlikely to occur – 36 records occur within the desktop assessment area, the closest being 10.9 km south of study area. Despite the records occurring within the locality of the study area, all records are loosely associated with the Mosquito Land System which is not present within the study area and as a result suitable habitat is unlikely to occur within the study area.	DBCA, Ecoscape (2020)
Acacia cyperophylla var. *omearana*	-	Priority 1	Tree with 'minni-ritchi' bark, growing from 4 to 10 m high. Produces yellow flowers from March to April.	Stony and gritty alluvium. Along drainage lines.	May occur - Two populations occur 19.2 and 35.1 km south of study area. Alluvial sediment and similar geology present within the study area.	DBCA
Acacia fecunda	-	Priority 1	Erect, obconic shrub growing to 3 m high. With grey smooth bark it becomes yellow-brown on upper branches. Phyllodes sub-glaucous with a slight sheen. Produces yellow flowers in spikes in May or August.	Quartzite gibbers over grey-red skeletal soil. Along shallow creeks and drainage lines, hills, road verges.	Unlikely to occur – nearest record is 40.5 km south-east on Mosquito Land System with unique geology, which does not occur within the study area.	DBCA
Acacia leeuweniana	-	Priority 1	Narrow, obconic tree with 'minni-ritchi' bark growing to 14 m high. Inflorescence in spikes. Produces yellow flowers in May.	Gritty, skeletal red-grey sandy loam, light orange-brown gravelly sand, granite. In rock fissures in outcrops, among boulders.	May occur – closest occurrence is 16 km from study area, similar landform and geology present within study area.	DBCA

Species	EPBC Act Cons. Status	WA Cons. Status	Description	Habitat Preference	Likelihood of Occurrence	Source
Acacia sp. Marble Bar (J.G. & M.H. Simmons 3499)	-	Priority 1	Shrub with flower spikes up to 30 mm long. Produces yellow flowers in September.	Along a dry watercourse among low rocky hills in unconsolidated sand.	May occur - The species is known from one record 4.6 km north of the study area in 1997 on Banded Iron Formation (BIF)/shale geology. The species is thought to be a possible hybrid with *A. trachycarpa* (ABRS 2018). Based on proximity to the study area and age of the record the species may occur within the study area.	DBCA
Acacia sp. Nullagine (B.R. Maslin 4955)	-	Priority 1	Erect, spindly shrub with 'minni-ritchie' bark (grey above, red underneath) growing to 3 m high.	Rocky clay. Low-lying areas between rocky hills.	May occur – The species is known from one record 13 km south of the study area within the Rocklea Land System. Suitable habitat on the Rocklea Land System may occur within the study area, especially within the central portion of the study area.	DBCA
Atriplex spinulosa	-	Priority 1	Monoecious, erect and rounded annual herb growing to 0.2 m high.	On stony pavement (phylite and quartz), Brown/ grey silty clay loam.	Unlikely to occur – closest occurrence is 40.8 km south of the study area on the Mosquito Land System with unique geology that does not occur within the study area.	DBCA
Cochlospermum macnamarae	-	Priority 1	Spreading multi-stemmed shrub growing to 2 m high. Has very deeply lobed leaves. and produces small yellow flowers. Produces yellow flowers in September.	Occurs on the upper slopes of a low hill in shallow, stony soil closely underlain by granitic bedrock.	**Recorded** - 175 individuals recorded by FVC (2024) within the study area, generally restricted to granitic outcrops on the Granitic Land System, between Six-mile creek and Shaw River.	DBCA, EPA (2020), FVC (2024), Woodman (2021), Woodman (2016)
Corchorus sp. Yarrie (J. Bull & D. Roberts CAL 01.05)	-	Priority 1	Herb or shrub with hairy stems. Leaves not lobed with margins crenate or sinuate. Indumentum present, with stellate hairs and stipules early deciduous. Produces yellow flowers from May to June.	Clifted upper slope or steep mid-slope; brown sandy clay loam.	May occur – Three occurrences within desktop assessment boundary, the closest occurrence is 14 km north on BIF geology. Similar geology is present within study area.	DBCA, Woodman (2019b)
Fimbristylis sp. Shay Gap (K.R. Newbey 10293)	-	Priority 1	Tufted annual sedge growing from 0.12 to 0.15 m high. Inflorescence of 3-many spikelets; glumes 2-2.5 mm long; stamens 3, anthers 0.5-0.6 mm long. Produces flowers from June to July.	Sandy soil. Drainage line.	May occur - One occurrence within the desktop assessment area, 24.4 km south-east of the study area. Similar geology within the Rocklea Land System present within the study area to the south-east.	DBCA
Goodenia pedicellata	-	Priority 1	Single-stemmed perennial, herb (with dense, cottony, and strigose hairs) growing to 0.25 m high. Produces yellow flowers from March to July.	Rocky clayey soils. Rocky slopes and crests of small hills.	Unlikely to occur – Closest known occurrence is approximately 44 km south of study area on the Mosquito system, not present within the study area. Other occurrences 100 km east of the study area were recorded on the Rocklea Land System which is present within the centre of the study area.	Dandjoo

Species	EPBC Act Cons. Status	WA Cons. Status	Description	Habitat Preference	Likelihood of Occurrence	Source
Josephinia sp. Woodstock (A.A. Mitchell PRP 989)	-	Priority 1	Rounded, fairly open habit perennial shrub growing to 0.35 m. Stems and leaves woolly, foxglove-like flowers. Produces pink or violet flowers from May to November.	Sandy-surfaced flow line below low granitic rises.	**Occurs** - two DBCA records occur within the desktop assessment area, 33.2 km south of study area on red deep sandy duplex soil, which occurs predominantly in the east section of the study area. One occurrence recorded by Woodman (2019a) occurs within the study area, near the Warrawoona Gold Mine access road off Corunna Downs Rd..	DBCA, Woodman (2019a)
Ptilotus wilsonii	-	Priority 1	Shrub growing 0.5 m high. Produces green-white flowers in October.	Stony gravelly soils. Rocky hills.	Unlikely to occur - Two occurrences recorded within the desktop assessment area, south-east of study area. The closest occurrence was recorded 40.5 km south-east of the study area within the Mosquito System on unique geology, which does not occur within the study area.	DBCA
Schoenus coultasii	-	Priority 1	Annual caespitose herb growing c. 100-160 mm high.	Occurs on shallow, sandy loam over granite, growing with other annual herbs and grasses.	Unlikely to occur – The species is known form one occurrence recorded within the desktop assessment area 6.8 km south of study area on a floodplain located on the Capricorn Land System and Hardey Formation geological unit. This combination of habitat does not occur within the study area.	DBCA, Woodman (2021), Woodman (2016)
Solanum sp. Mosquito Creek (A.A. Mitchell *et al.* AAM 10795)	-	Priority 1	Upright shrub with white foliage and blue flowers, growing to 1.7 m tall in clumps. Produces blue or violet flowers from June to October.	Grows in creeks and muddy flats, semi-saline plain with quartz covered surface.	Unlikely to occur - Cluster of occurrences 44 km south-east of study area on Mosquito Land System with unique geology, which does not occur within the study area.	DBCA
Themeda sp. Panorama (J. Nelson *et al.* NS 102)	-	Priority 1	Very robust perennial grass growing to 1.2 m.	Shallow soil amongst exposed bedrock and boulders, skeletal rocky red clay loam.	**Occurs** - 16 occurrences south and north of the study area with one Fortescue Database (2023) occurrence recorded within the study area 3 km east of Iron Bridge mine site along a drainage line. Further records were recorded by Ecologia (2023) within the study area in 2023 in the same river system as the Fortescue record along the most western boundary of the study area.	Animal Plant Mineral (2023), DBCA, Fortescue Database (2023)
Euphorbia inappendiculata var. *inappendiculata*	-	Priority 2	Prostrate annual herb. Cyathia tiny with extremely small (red) lobes. Leaves mid-dark green above, pale-light green below. Stems light green, brownish above. Produces green flowers in May and August.	Moist, seasonally inundated, orange - brown clay loam.	**Recorded** - Two occurrences found in phase 2 by FVC, occurrences found on hills on the Talga and Black Land System.	DBCA, EPA (2020), FVC (2024), Woodman (2019b

Species	EPBC Act Cons. Status	WA Cons. Status	Description	Habitat Preference	Likelihood of Occurrence	Source
Indigofera ixocarpa	-	Priority 2	Erect spindly shrub growing to 1 m high (broom-like). Corolla 5 mm long and uniformly pink. Produces pink to purple flowers in May.	Skeletal red soils over massive ironstone.	May occur - two occurrences 40.6 km south of the study area. Suitable skeletal red soil may occur within the study area.	Biota (2004), Dandjoo, DBCA
Paspalidium retiglume	-	Priority 2	Tufted annual grass-like herb growing from 0.1 to 0.5 m high. Produces flowers in April.	Clay. Hilltop. Cracked red-brown loamy clay with large rocks.	Unlikely to occur – The closest known record is approximately 80 km south-west of the study area. Suitable habitat is unlikely to occur within the study area.	Biota (2004)
Abutilon sp. Pritzelianum (S. van Leeuwen 5095)	-	Priority 3	Tall grey spreading shrub with orange, yellow flowers, growing to 2 m tall.	Sandplain of orange-brown sands. Stony undulating shallow soiled granitic plains. Common on roadside.	May occur - Four occurrences within the desktop assessment area, the closest being 1.5 km south of the study area on the Macroy and Rocklea Land Systems both of which are present within the study area.	Fortescue Database (2023)
Acacia levata	-	Priority 3	Spreading, multi-stemmed shrub growing from 1 to 3 m high and 5 m wide. Produces yellow flowers in May.	Sand or sandy loam over granite. Hillslopes.	Unlikely to occur - 20 DBCA records occur within the desktop assessment area. Eight DBCA records occur 5.5 km south of the study area on a floodplain on the Capricorn Land System and Hardey Formation geological unit. FVC recorded 11 records in the same location. Similar habitat is unlikely to occur within the study area.	DBCA, Woodman (2021), Woodman (2016)
Dolichocarpa sp. Hamersley Station (A.A. Mitchell PRP 1479)	-	Priority 3	Prostrate annual herb, growing to 0.15 m tall. Leaves fleshy, immature fruit brown. Produces blue to mauve flowers from March to September.	Alluvial floodplain or terrace gravels; claypan, red-brown sandy clay.	May occur - One occurrence recorded within the desktop assessment area, 23.5 km north of the study area on geology and landform that is similar to habitat present in the south-east of the study area.	DBCA, EPA (2020), Woodman (2019b)
Eremophila spongiocarpa	-	Priority 3	Compact, succulent-leaved shrub growing to 1 m high. Produces white flowers in May or September.	Weakly saline alluvial plain on margins of marsh.	Unlikely to occur - Nearest record more than 100 km south of the study area and is only known to occur within the Fortescue subregion.	Biota (2004)
Eucalyptus rowleyi	-	Priority 3	Mallee growing to 4 m tall with smooth bark, leaves dull light green. Produces white flowers from March to June.	On hard red soil.	Unlikely to occur - One occurrence 44.9 km south-east on Mosquito Land System with unique geology, which does not occur within the study area.	DBCA
Euphorbia clementii	-	Priority 3	Erect herb growing to 0.6 m high with yellow stems measuring at 0.3 m. Produces whitish flowers.	Gravelly hillsides, stony grounds.	May occur - 70 occurrences generally clustered to the north-west of the study area, with the closest cluster being 21 occurrences 10.1 km east of the study area. Suitable stony hillsides maybe be present in western portion of the study area on the Capricorn or Platform Land Systems.	Biota (2004), DBCA, EPA (2020), Fortescue Database (2023), Mattiske Consulting (2018), Mattiske Consulting (2007), Woodman (2019a), Woodman (2019b), Woodman (2018

Species	EPBC Act Cons. Status	WA Cons. Status	Description	Habitat Preference	Likelihood of Occurrence	Source
Euploca mutica	-	Priority 3	A grey-green scabrous herb or spreading shrub, growing 30 m tall. Leaves are small and ovate. Producing white flowers with very short but stiff, spiny hairs.	Plain with brown loam over calcrete or red sand over ironstone.	Likely to occur - over 200 occurrences north and west of the study area typically recorded on the Macroy system. The closest occurrence is 7.9 km north of the study area. Suitable habitat is likely to occur within the eastern portion of the study area.	DBCA, Ecologia (2023), Fortescue Database (2023), Woodman (2018)
Gomphrena leptophylla	-	Priority 3	Prostrate or erect to spreading annual herb growing to 0.15 m high. Produces white flowers from March to September.	Sand, sandy to clayey loam, granite, quartzite. Open flats, sandy creek beds, edges salt pans & marshes, stony hillsides.	May occur - 23 occurrences with an abundance of 184, recorded within the desktop assessment area. The closest occurrence being 16.6 km north of the study area. Suitable habitat along creeks is present within study area, particularly to the south-east.	DBCA, Fortescue Database (2023)
Goodenia sp. East Pilbara (A.A. Mitchell PRP 727)	-	Priority 3	Open, erect annual or biennial herb growing to 0.2 m high. Produces yellow flowers in February, March, and May.	Red-brown clay soil, calcrete pebbles. Low undulating plain, swampy plains.	Unlikely occur - approximately 80 km south-east of the study area in low swampy plains. Pockets of calcrete present within study area, however no swampy plains were recorded within the study area.	Biota (2004), Dandjoo
Gymnanthera cunninghamii	-	Priority 3	Erect shrub growing from 1 m to 2 m high. Produces green-cream-yellow flowers from January to December.	Sandy soils.	**Recorded** – 65 occurrences west and south of the study area, the closest is 22.5 km. Majority of records occur in the River Land System or on the nearby Macroy Land System. Both land systems occur within the survey area and suitable habitat maybe be present where the two land systems are in proximity with sandy soils. FVC recorded the species in 2024 May survey.	Biota (2004), Dandjoo, DBCA, Fortescue Database (2023), Mattiske Consulting (2018), Mattiske Consulting (2007)
Heliotropium murinum	-	Priority 3	Short-lived perennial herb with green hirsute foliage growing to 0.4 m high. Produces small white flowers and retains old inflorescences, mousy odour. Produces flowers in May or September.	Red sand. Plains.	**Recorded** – 19 occurrences recorded within the desktop assessment area, with eight DBCA occurrence recorded within the eastern portion of the study area. A total of 213 individuals recorded within the study area by FVC (2024). Only found on the loamy floodplains of the Macroy Land System in the east of the study area.	DBCA, FVC (2024), Woodman (2021), Woodman (2019b), Woodman (2016)
Nicotiana umbratica	-	Priority 3	Erect, short-lived annual or perennial herb growing 0.3 to 0.7 m high. Produces white flowers from April to June.	Shallow soils. Rocky outcrops.	Likely to occur – 15 DBCA records and 16 Fortescue records occur within the desktop area, the closest record occurs 0.7 km south of the study area. Suitable habitat occurs within the study area.	DBCA, Fortescue Database (2023), Woodman (2021), Woodman (2016)

Species	EPBC Act Cons. Status	WA Cons. Status	Description	Habitat Preference	Likelihood of Occurrence	Source
Phyllanthus hebecarpus	-	Priority 3	Procumbent to erect tomentose shrub growing 1 m high. Capsule around 5 mm diam. Produces green-white flowers.	Granite outcrop. Red sandy loam/ skeletal brown sand.	**Recorded** – 14 occurrences recorded within the desktop assessment area approximately 20 km west and south of the study area. One individual was recorded within the study area during initial phase (April) by FVC (2024). Found on granite outcrops on the Macroy and Granitic Land Systems east of Shaw River.	DBCA, Fortescue Database (2023), FVC (2024)
Rostellularia adscendens var. *latifolia*	--	Priority 3	Herb or shrub growing 0.1 to 0.3 m high. Produces blue-purple-violet flowers from April to May.	Ironstone soils. Near creeks, rocky hills.	May occur - Four occurrences south of the study area with the closest 11 km south, on felsic/monzogranite/BIF geologies. Suitable geology near creak lines is present in the south-east portion of the study area.	Dandjoo, DBCA, Ecoscape (2020), Woodman (2021), Woodman (2016)
Rothia indica subsp. *australis*	-	Priority 3	Prostrate annual herb densely covered in spreading hairs growing to 0.3 m high. Produces flowers April to August.	Sandy soils. Sandhills and sandy flats.	Likely – Previously recorded by Woodman (2016) approximately 1 km south of study area, south of Eginbah Station on the Boolgeeda Land System. Suitable habitat is likely to occur within the study area.	DBCA, Fortescue Database (2023), Woodman (2021), Woodman (2016)
Stylidium weeliwolli	-	Priority 3	Annual herb growing 0.1 to 0.25 m high. Four rod-shaped throat appendages. Produces pink and red flowers from August to September.	Gritty sand soil, sandy clay. Edge of watercourses.	Unlikely to occur – three occurrences within the desktop area, the closest being 6.9 km south of the study area on a floodplain on the Capricorn Land System and Hardey Formation geological unit. This combination of habitat characteristics does not occur within the study area.	Biota (2004), Dandjoo, DBCA, Fortescue Database (2023), Woodman (2021), Woodman (2016)
Swainsona thompsoniana	-	Priority 3	Erect herb with prostrate stem that's glabrous with fine and turgid hairs. Leaves alternate and continuous with stem, flat with flat margins; leaflets pinnately arranged. Produces mauve flowers with yellow centres in April, June and August.	Open flood plains on heavy clay soils. Associated with *Eremophila maculata*, *Astrebla pectinata*, *Aristida latifolia*, *Eragrostis xerophila* and *Streptoglossa bubakii*.	**Occurs** –Previously recorded by Woodman (2016) within the study area within the Eginbah Station on the Satirist Land System. The Satirist Land System occur within the study area only within the Eginbah Station. Suitable habitat is known to occur within the study area.	Dandjoo, Woodman (2021), Woodman (2016)
Terminalia supranitifolia	-	Priority 3	Spreading, tangled shrub or tree growing 1.5 to 3 m high. Produces green-yellow flowers in May or July or December.	Sand. Among basalt rocks.	May occur - 39 occurrences within the desktop assessment area, 41.5 km to the west of the study area on felsic, chert/BIF and colluvial sediment of the Capricorn Land System. The Capricorn Land System occurs within the study area and suitable habitat may occur in the western and central portions of the study area on this land system.	DBCA, Fortescue Database (2023), FVC (2021), Woodman (2018)
Themeda sp. Hamersley Station (M.E. Trudgen 11431)	-	Priority 3	Tussocky perennial, grass-like or herb growing from 0.9 to 1.8 m high. Produces flowers in August.	Red clay. Clay pan, grass plain.	May occur - One occurrence recorded within the desktop assessment area, 20.4 km south-east of study area on BIF/shale/volcanic rock geology. Areas within the study area contain this geology.	Biota (2004), DBCA

Species	EPBC Act Cons. Status	WA Cons. Status	Description	Habitat Preference	Likelihood of Occurrence	Source
Triodia basitricha	-	Priority 3	Hummock forming grass growing from 0.6 to 0.8 m high. Leaves curly, with hairy bases.	Brown clay-loam over ironstone/Brown clay-loam over ironstone.	**Occurs** - 67 occurrences spread throughout the desktop assessment area, concentrated mainly on the Capricorn Land System south of Iron Bridge mine site. Ecologia (2023) recorded the species in within the study area on the most western boundary. Ironstone areas and known suitable habitat is present in the western portion of the study area.	Animal Plant Mineral (2023), DBCA, EPA (2020) Fortescue Database (2023), Woodman (2019b
Triodia chichesterensis	-	Priority 3	Hummock grass growing 0.2 m high with short blue-green leaves, pubescent lemma mid-lobe and colourless sparkly droplets on glumes and leaf sheaths. Produces flowers in May.	Rocky surface with scattered quartzite. Gravelly loam.	May occur – multiple occurrences west and one north of the study area, with the closest occurring 19.5km from the study area. The population 20 km west of the study area has an abundance of 3,900. Similar geologies are present within the study area, however the species entire population follows the Turner River.	DBCA, Ecologia (2023), EPA (2020), Fortescue Dataset (2023), Woodmar (2019b), Woodman (2018
Vigna triodiophila	-	Priority 3	Twining or climbing herb. Produces yellow flowers in March and May.	Among dolerite boulders on very steep upper slope. Stony red-brown clay loam.	May occur - Two occurrence recorded within the desktop assessment area, the closest being 27 km north-west of the study area. Similar geology in the west portion of the study area.	DBCA, Woodman (2018)
Bulbostylis burbidgeae	-	Priority 4	Tufted, erect to spreading annual, grass-like or herb (sedge) growing to 0.25 m high. Spikelets in a simple umbel or rarely solitary. Produces brown flowers in March or from June to August.	Granitic soils. Granite outcrops, cliff bases.	**Recorded** – 20 DBCA records and 58 Fortescue occurrences spread throughout desktop assessment area, especially the western portion of the desktop area. Four DBCA occurrences were recorded within study area in the north-east portion on the Macroy Land System. FVC recorded 401 individuals in 2023 (FVC 2024) within the north-eastern portion of the Macroy Land System within the study area.	Biota (2004), DBCA, Fortescue Database (2023), (FVC 2024a)
Lepidium catapycnon	-	Priority 4	Open, woody perennial herb or shrub with zigzag stems growing 0.2 to 0.3 m high. Produces white flowers in October.	Skeletal soils. Hillsides.	Unlikely to occur - one occurrence recorded within the desktop assessment area, associated with the Mosquito Land System and not present within the study area.	Dandjoo, DBCA

Species	EPBC Act Cons. Status	WA Cons. Status	Description	Habitat Preference	Likelihood of Occurrence	Source
Ptilotus mollis	-	Priority 4	Compact perennial shrub with soft grey foliage growing to 0.5 m high. Produces white/pink flowers in May or September.	Stony hills and screes.	**Recorded** - 121 individuals recorded within the study area by FVC (2024), generally restricted to steep hills breakaways with components of BIF, east of Shaw River. A further DBCA record occurs within the study area in the western portion of the study area.	Animal Plant Mineral (2023), Dandjoo, DBCA, Ecoscape (2020), FVC (2024), Fortescue Database (2023), Mattiske Consulting (2018), Mattiske Consulting (2007), Spectrum Ecology (2021a), Spectrum Ecology (2021b), Woodman (2021), Woodman (2019a), Woodman (2016)
Rhynchosia bungarensis	-	Priority 4	Compact and prostrate shrub growing 0.5 m high. Produces yellow flowers.	Pebbly, shingly coarse sand amongst boulders. Banks of flow line in the mouth of a gully in a valley wall.	May occur - One occurrence recorded within the desktop assessment area, 39.4 km south of study area on mesogranite sandy banks. Suitable habitat is likely to occur in the eastern portion of the study area.	DBCA

	Species that occur		Species considered likely to occur		Species that may occur		Species unlikely to occur

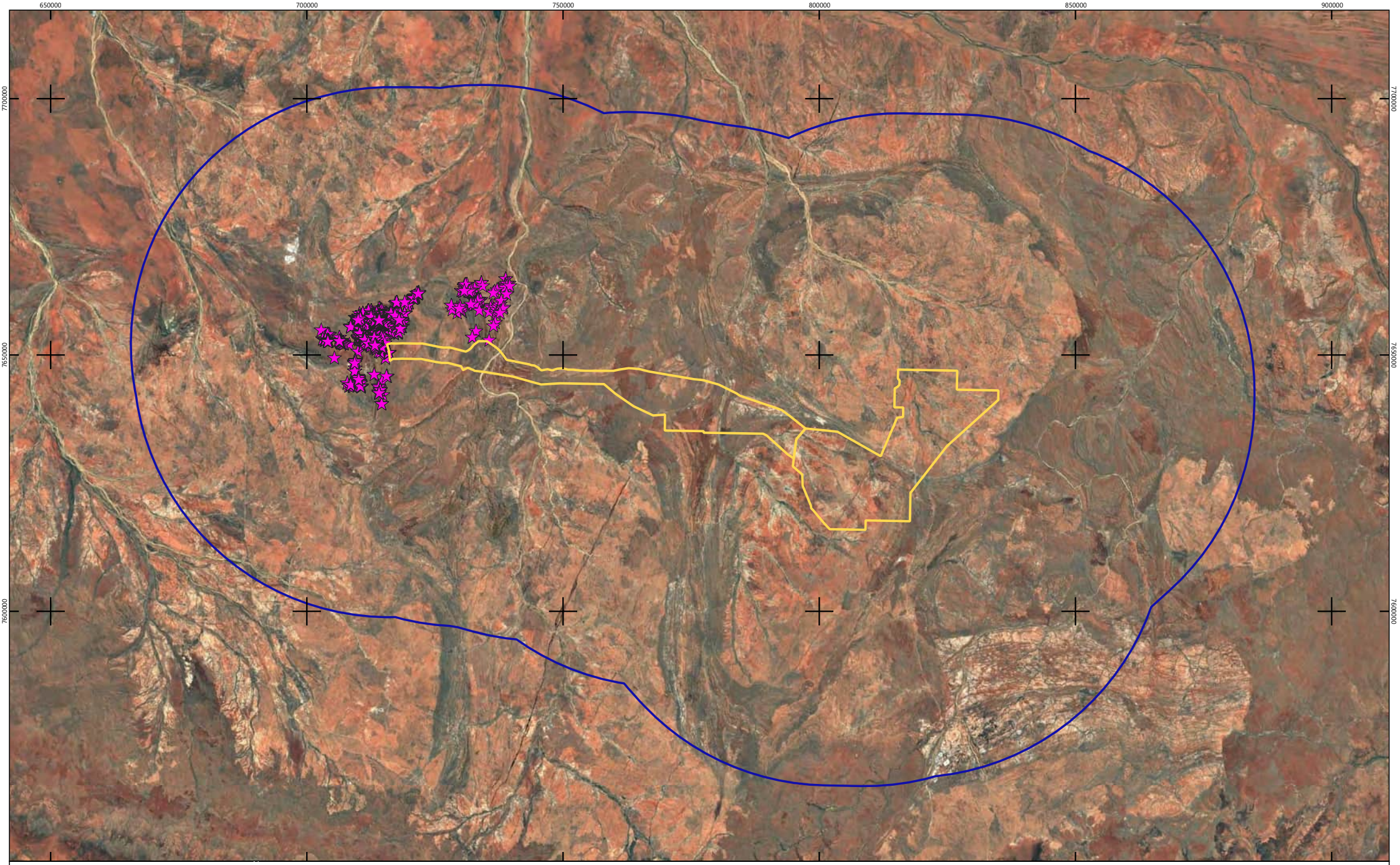


Figure 10a - Previously Recorded Significant Flora

Source:s: Google Satellite and DBCA

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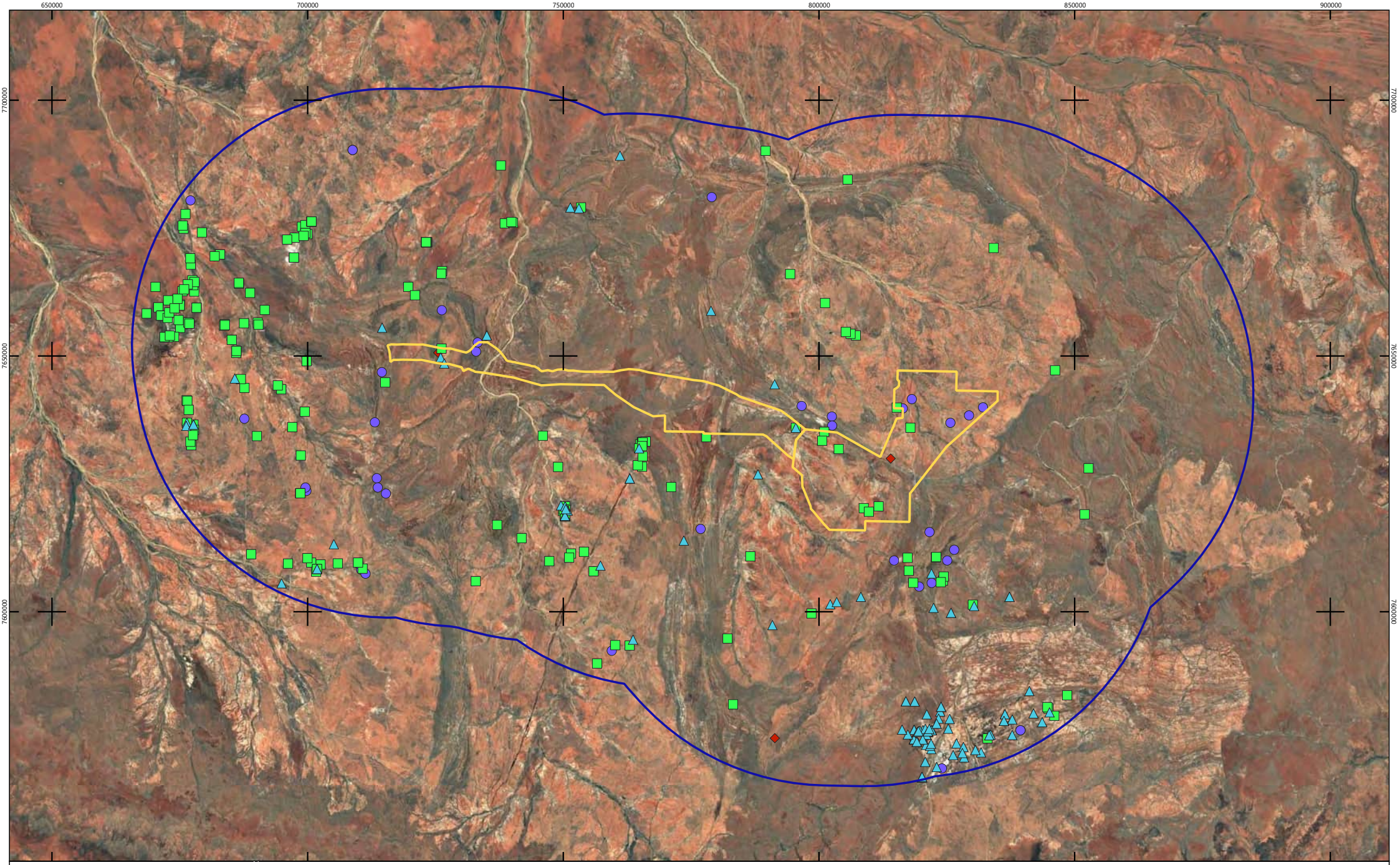


Figure 10b - Previously Recorded Significant Flora

Sources: Google Satellite and DBCA

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5.1.3 Threatened and Priority Ecological Communities

A review of the DBCA Threatened and Priority Ecological Communities (TEC and PEC) database found that no TECs occur within the study area or within a 50 km radius (**Figure 11**). Three PECs are known to occur within 50 km (**Table 11**); however, none intersect the study area and are considered unlikely to occur (**Figure 11**).

Table 11 - Priority Ecological Communities within 50 km of the Study Area

Common ID	Common Name	EBPC Cons. Status	WA Cons. Status	Distance and Direction from the Study Area
Wona Land System	Four plant assemblages of the Wona Land System (previously 'Cracking clays of the Chichester and Mungaroona Range')	-	Priority 1	43 km south
Gregory Land System	Gregory Land System	-	Priority 3	50 km west
Mosquito Land System	Stony saline clay plains of the Mosquito Land System	-	Priority 3	23 km south-east

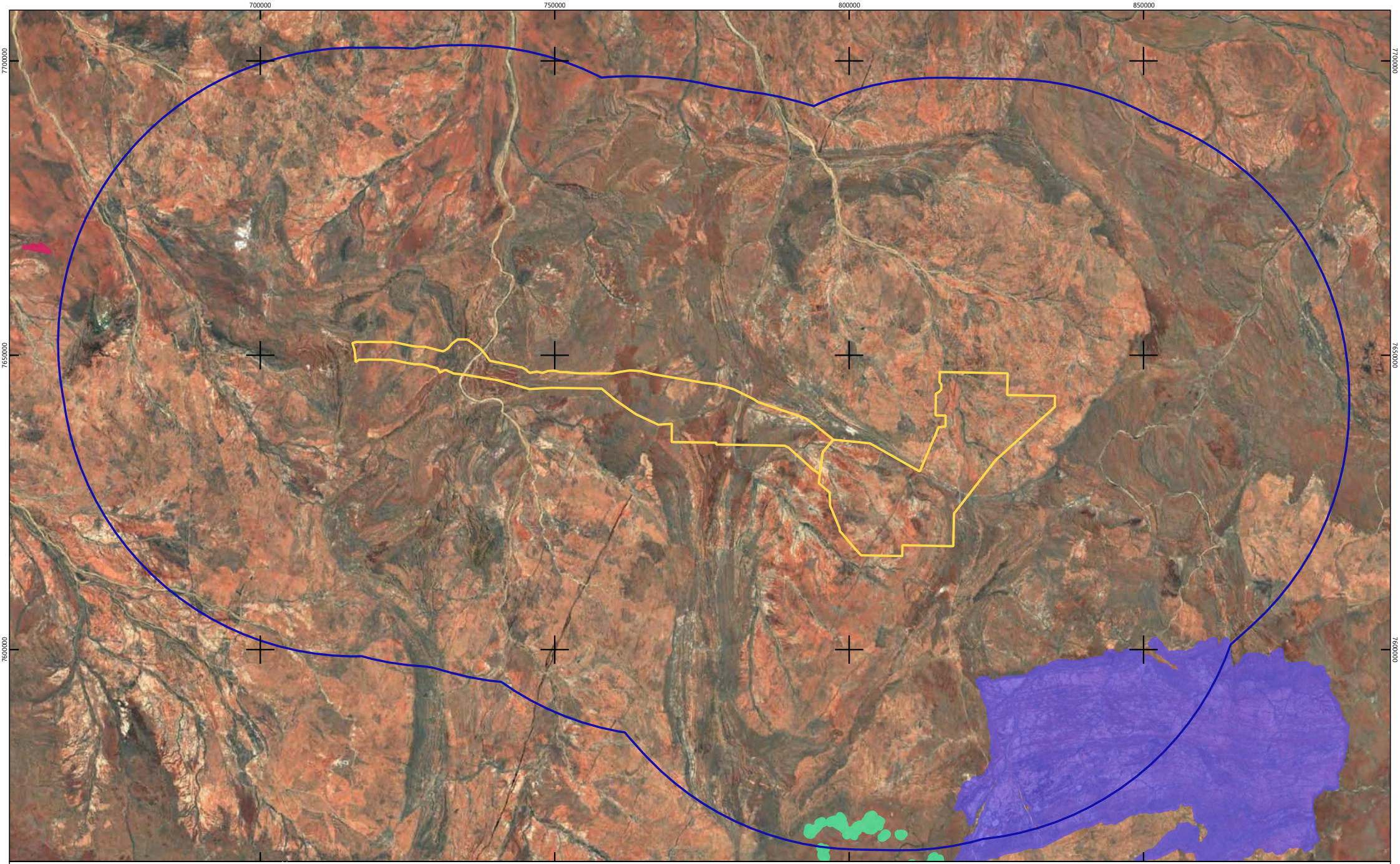


Figure 11 - Priority Ecological Communities

Source: Google Satellite and DBCA

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5.2 FIELD ASSESSMENT

5.2.1 Flora

A total of 642 flora taxa, from 174 genera and 61 families were recorded across all of the phases of field assessments. Of these 642 taxa, 593 from 167 genera occur within the study area. The dominant families recorded were Fabaceae (137 taxa), Poaceae (86 taxa) and Malvaceae (69 taxa). The dominant genera recorded were *Acacia* (47 taxa), *Sida* (17 taxa), *Tephrosia* (17 taxa), *Eriachne* (16 taxa) and *Indigofera* (14 taxa). Flora recorded within the study area are summarised in **Table 12**. The inventory of vascular flora recorded is presented in **Appendix F** and by site in **Appendix G**. The species recorded within each vegetation unit are presented in **Appendix H** and individual quadrat and relevé data is presented in **Appendix I**. Recorded flora species include those recorded from sampled quadrats and relevés, and opportunistically during traverses.

Species diversity recorded within the study area, was to be expected compared to diversity values of the desktop assessment. Florabase has records from 1,310 species from within the Chichester sub-region (WAH 1998-). A total of 593 species (45.27% of Florabase records) were recorded within the study area. This is 83 and 384 more species than the Dandjoo Search Report and ALA database (respectively), conducted within the locality of the study area (ALA 2024; DBCA 2024). The larger recorded diversity is likely due to the intensity of the survey.

One hundred and fifty (23.33%) of the collected flora specimens across all field assessments were unable to be identified with certainty to species level, and seven were unable to identified with certainty to genus level, due to inadequate or sterile material. It is unlikely any of these specimens represent Threatened or Priority flora, and most are considered likely to be duplicates of each other and/or other taxa collected as part of the various surveys for the five-phase study which have been fully identified. Specimens that were initially suspected to potentially represent significant flora that were unable to be identified to species level, were verified by a second experienced botanist, or submitted to the WAH for formal identification.

Sixty-one species of unconfirmed flora that have not been identified to their full infra-taxonomic level, likely represent duplicates, due to replicate sampling. It is considered that the remaining specimens with an uncertain identification belong to taxa that are common and widely distributed throughout the Pilbara region. Therefore, this limitation is not considered to significantly influence the key observations and conclusions of this report regarding significant flora.

Table 12 - Summary of Flora Taxa Recorded within the Study Area

Overview	Total Number
Families	57
Genera	167
Taxa (species, sub species, varieties)	593
Native Flora	573
Introduced Flora	20
WoNS	0
DP	1
Threatened Flora	1
Priority Flora	8
Range Extensions	1
Undescribed Flora	14
Dominant Families	**Number of Taxa**
Fabaceae	137
Poaceae	86
Malvaceae	69
Dominant Genera	**Number of Taxa**
Acacia	47
Sida	17
Tephrosia	17
Eriachne	16
Indigofera	14

A species accumulation curve was generated using quadrat data (**Figure 12**). The species accumulation curve indicated that the rate of species recorded, reduced in rate after approximately 40 quadrats were sampled. Following this the species accumulation continued to increase after 276 quadrats. It should not be expected that the accumulation curve reach asymptote across an area of 144,651 ha (total surveyed area), after sampling 276 quadrats (0.0019 quadrats per ha). The total number of species recorded during the field assessments is approximately 49.2% of the known species recorded within the Chichester IBRA subregion (WAH 1998-).

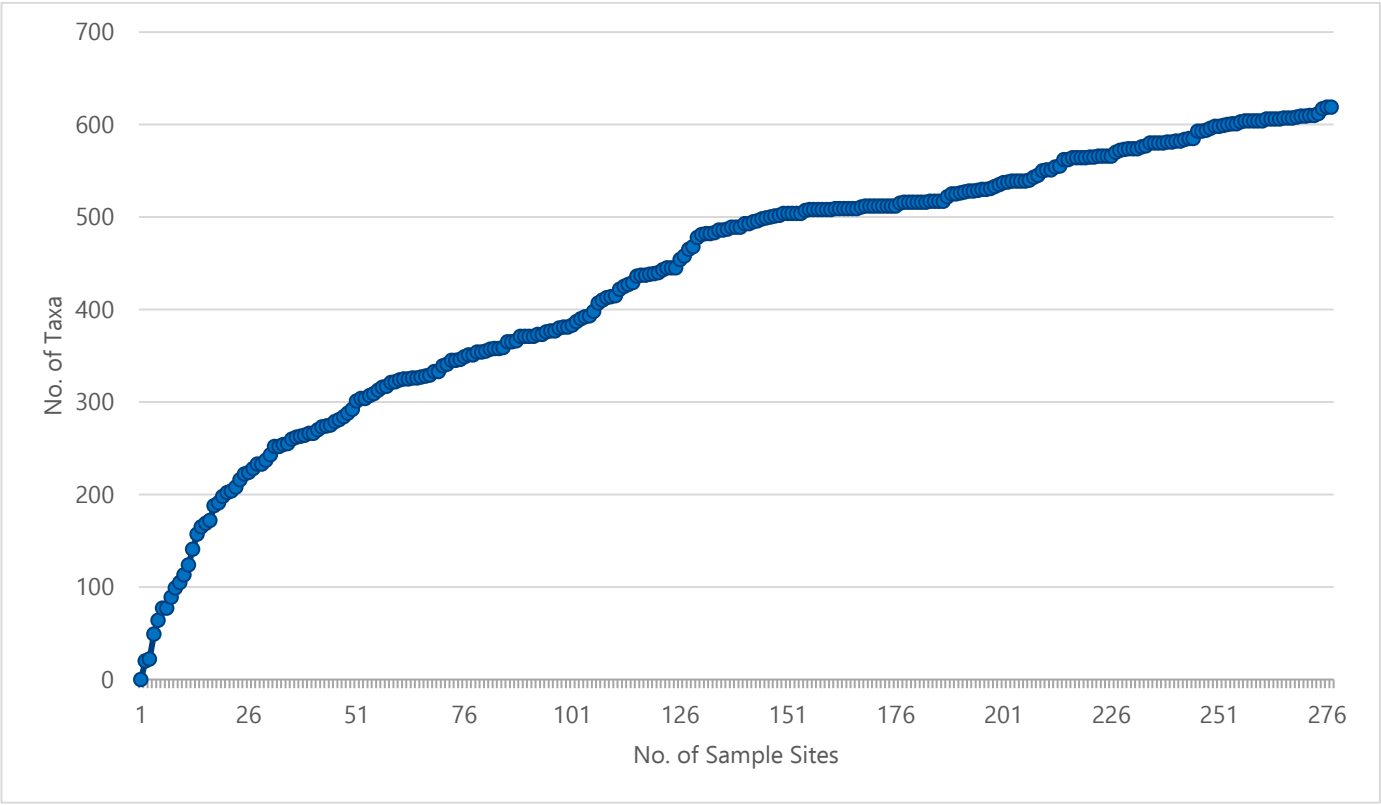


Figure 12 - Species Accumulation Curve

5.2.1.1 Threatened and Priority Flora

One Threatened flora species, *Quoya zonalis,* listed as Threatened (Endangered) under the EPBC Act and BC Act, was recorded during the field survey. Eight Priority flora species were recorded within the study area, comprising one P1, seven P3 species, and two P4 species, as summarised in **Table 13**. *Acacia levata* (P3) was record by FVC outside of the current study area during the phase 3 survey. The recorded locations for recorded Threatened and Priority flora is spatially presented in the **Figure 13** series and listed in **Appendix J**. Where access was permittable, all DBCA significant flora records were searched via helicopter and foot traverses (**Figure 8**). Threatened and Priority Flora Report forms have been provided to DBCA and are presented in **Appendix K**. *Eragrostis crateriformis*, previously a P3 species, was delisted during the preparation of this report and has been omitted from further discussion. One *Eragrostis crateriformis* individual was recorded within the study area.

Table 13 – Significant Flora Recorded

Species	EPBC Cons. Status	WA Cons. Status	Accession No.	Recorded Quadrat (or from Targeted Searches)	Records/ (individuals) within Study Area	Records/ (individuals) outside Study Area	Total Records/ (individuals)
Quoya zonalis	Threatened (Endangered)	Threatened (Endangered)	11025, 11214	009 Opportunistic	31 (108)	11 (36)	42 (144)
Cochlospermum macnamarae	-	Priority 1	10343	008 Opportunistic	42 (128)	-	42 (128)
Acacia levata	-	Priority 3	10343	F003, F004, Opportunistic	-	11 (65)	11 (65)
Euphorbia inappendiculata var. *inappendiculata*	-	Priority 3	10343	104, 109	2 (2)	-	2 (2)
Gymnanthera cunninghamii	-	Priority 3	10908, 11214	EP35	1 (1)	-	1 (1)
Heliotropium murinum	-	Priority 3	10343, 10908, 11025, 11214	079, EP65, EP67, K27, MB019, MB027, MB038 Opportunistic	342 (1,964)	-	342 (1,964)
Phyllanthus hebecarpus	-	Priority 3	10343	009	1 (1)	-	1 (1)
Bulbostylis burbidgeae	-	Priority 4	10343	MB044 Opportunistic	12 (401)	-	12 (401)
Ptilotus mollis	-	Priority 4	10343	011 Opportunistic	5 (81)	1 (40)	6 (121)

Note: An abundance value of '1' is applied to Priority flora recorded within quadrats

*Denotes quadrats occurring outside the survey area

5.2.1.2 Range-Extending Flora

Ten taxa are considered to exhibit an extension greater than 100 km beyond their currently documented range of occurrence, as per current records of the WAH (1998-). Of these ten taxa, one species, *Stemodia kingii,* extends the species' known distribution and is considered to be exhibiting a range extension (**Table 14**).

Table 14 – Recorded Potential Range-Extending Flora (WAH 1998-)

Species	Distance of Nearest Known Record and Recorded Occurrence (km)	Recorded Quadrat	Abundance within Study Area	Total Abundance	Comment
Cyperus dactylotes	171.05	060, 071*, 098	2	3	Extends Pilbara population to the east; however, is within the species' broad distribution.
Acacia victoriae subsp. *victoriae*	155.20	AP06, EP12	2	2	Specimen is within the species' broad distribution.
Gomphrena lanata	145.22	Opportunistic	0	1	Specimen is within the species' broad distribution.
Panicum australiense var. *australiense*	127.10	EP11, EP13, EP19, EP66	4	4	Specimen is within the species' broad distribution.
Trianthema turgidifolium	123.92	EP40, MB038	2	2	Specimen is within the species' broad distribution.
Hypertelis cerviana	110.66	097	1	1	Specimen is within the species' broad distribution.
Solanum ?centrale	109.09	AP02, AP03, EP03, EP25	4	4	Specimen is within the species' broad distribution.
Euploca conocarpa	103.79	EP11	1	1	Specimen is within the species' broad distribution.
Solanum nigrum	102.04	AP07, EP65	2	2	Specimen is within the species' broad distribution. Species is also introduced and it's likely the documented distribution does not reflect the true distribution.
Stemodia kingii	101.62	EP35	1	1	Specimen extends the species distribution to east.

Note: An abundance value of '1' is applied to each record of range-extending flora recorded within quadrats (all records)
Cells highlighted grey are considered significant records
*Denotes quadrats occurring outside the survey area

5.2.1.3 Undescribed Flora

Sixteen of the recorded flora are undescribed (phrase name) taxa in accordance with records of the Western Australian Herbarium (WAH) (1998-) and are summarised in **Table 15**. Although undescribed flora are not considered to be of conservation significance, once described, some may be determined to be of conservation significance. However, many are well-known, well studied and well-understood to be widely distributed and not of conservation significance. Of the 16 undescribed taxa recorded, two are considered uncommon, with minimal known herbarium collections, and are both potentially restricted to a small region within the Chichester sub-region. These taxa are, *Cucumis* sp. Chichester Range (A.A. Mitchell *et al.* AAM 10691) (accession number 10,982) and *Josephinia* sp. Mt Edgar Station (N.T. Burbidge 1194) (accession number 9,546) (**Figure 13** series and **Table 15**).

Table 15 – Recorded Undescribed Species in the Study Area

Species	Recorded Quadrat	Abundance within Study Area	Abundance outside Study Area	Total Abundance	Comment
Abutilon sp. Dioicum (A.A. Mitchell PRP 1618)	041, 047, 076, 088, 095, 109, EP23, EP79 and Opportunistic	11	0	11	Known from 95 WAH records, spread throughout the Pilbara IBRA subregion.
Abutilon sp. Pilbara (W.R. Barker 2025)	Opportunistic	1	0	1	Known from 37 WAH records, spread throughout the Pilbara IBRA subregion.
Cucumis sp. Chichester Range (A.A. Mitchell *et al.* AAM 10691)	EP54	1	0	1	Known from 5 WAH records in three general locations restricted within the Chichester subregion.
Eriachne sp. Dugald River (B.K. Simon+ 3007)	AP03, AP04, EP31, EP33, EP37, EP38, EP41r, EP45, EP81	10	0	10	Known from 10 WAH records spread throughout northern WA.
Josephinia sp. Mt Edgar Station (N.T. Burbidge 1194)	095, K15, K22r, K2, K32, Opportunistic	6	0	6	Known from 13 WAH records, restricted within the locality of Marble Bar. Record within known distribution.
Sida sp. articulation below (A.A. Mitchell PRP 1605)	026, 027, EP30, K02	4	0	4	Known from 34 WAH records from the Pilbara to the Kimberley.
Sida sp. Excedentifolia (J.L. Egan 1925)	084	1	0	1	Known from 133 WAH records, spread throughout WA.
Sida sp. Pilbara (A.A. Mitchell PRP 1543)	008, 041, 049, 061, 074, 086, EP02, EP11, EP25, EP50, EP66, K15, K32, MB028	14	0	14	Known from 79 WAH records, spread throughout the Pilbara IBRA region.
Sida sp. spiciform panicles (E. Leyland s.n. 14/8/90)	017*	0	1	1	Known from 72 WAH records, spread throughout Pilbara, Carnarvon and Murchison IBRA region, majority occurring in the Hamersley IBRA subregion.

Species	Recorded Quadrat	Abundance within Study Area	Abundance outside Study Area	Total Abundance	Comment
Tephrosia sp. B Kimberley Flora (C.A. Gardner 7300)	017*, EP03, K05, MB007, MB015, MB041, Opportunistic	8	1	9	Known from 95 WAH records, primarily found on Roebourne IBRA subregion extending into Hamersley and Chichester, further occurrences found in the Kimberley's extending east into Northern Territory.
Tephrosia sp. Bungaroo Creek (M.E. Trudgen 11601)	009, 067, 070*, 073, 091, B3*, EP03, EP05, EP27, EP50, EP79, K09, K23, K29	12	2	14	Known from 85 WAH records, primarily occurring throughout the Pilbara IBRA region.
Tephrosia sp. clay soils (S. van Leeuwen *et al.* PBS 0273)	EP28	1	0	1	Known from 53 WAH records predominantly within the Pilbara.
Tephrosia sp. D Kimberley Flora (R.D. Royce 1848)	035*	0	1	1	Known from 48 WAH records, primarily found in the Roebourne IBRA subregion extending east into Great Sandy Desert and north into Dampierland IBRA region.
Tephrosia sp. Newman (A.A. Mitchell PRP 29)	K27, K29	2	0	2	Although uncommon to the Marble Bar area the species is known from 33 WAH records predominantly within the southern portion of the Pilbara region.
Tephrosia sp. NW Eremaean (S. van Leeuwen *et al.* PBS 0356)	047, 069*, EP65, EP79, EP81, F015*, K15, K17, K18, K22r, K27, K32	11	2	13	Known from 102 WAH records, spread throughout the Pilbara IBRA region.
Vigna sp. Hamersley Clay (A.A. Mitchell PRP 113)	019*, 023*, 028*, 088, 100, EP47, EP55	4	3	7	Known from 45 WAH records spread throughout the Pilbara IBRA region.

Note: An abundance value of '1' is applied to each record of range-extending flora recorded within quadrats (all records)

Cells highlighted grey are considered significant records

*Denotes quadrats occurring outside the survey area.

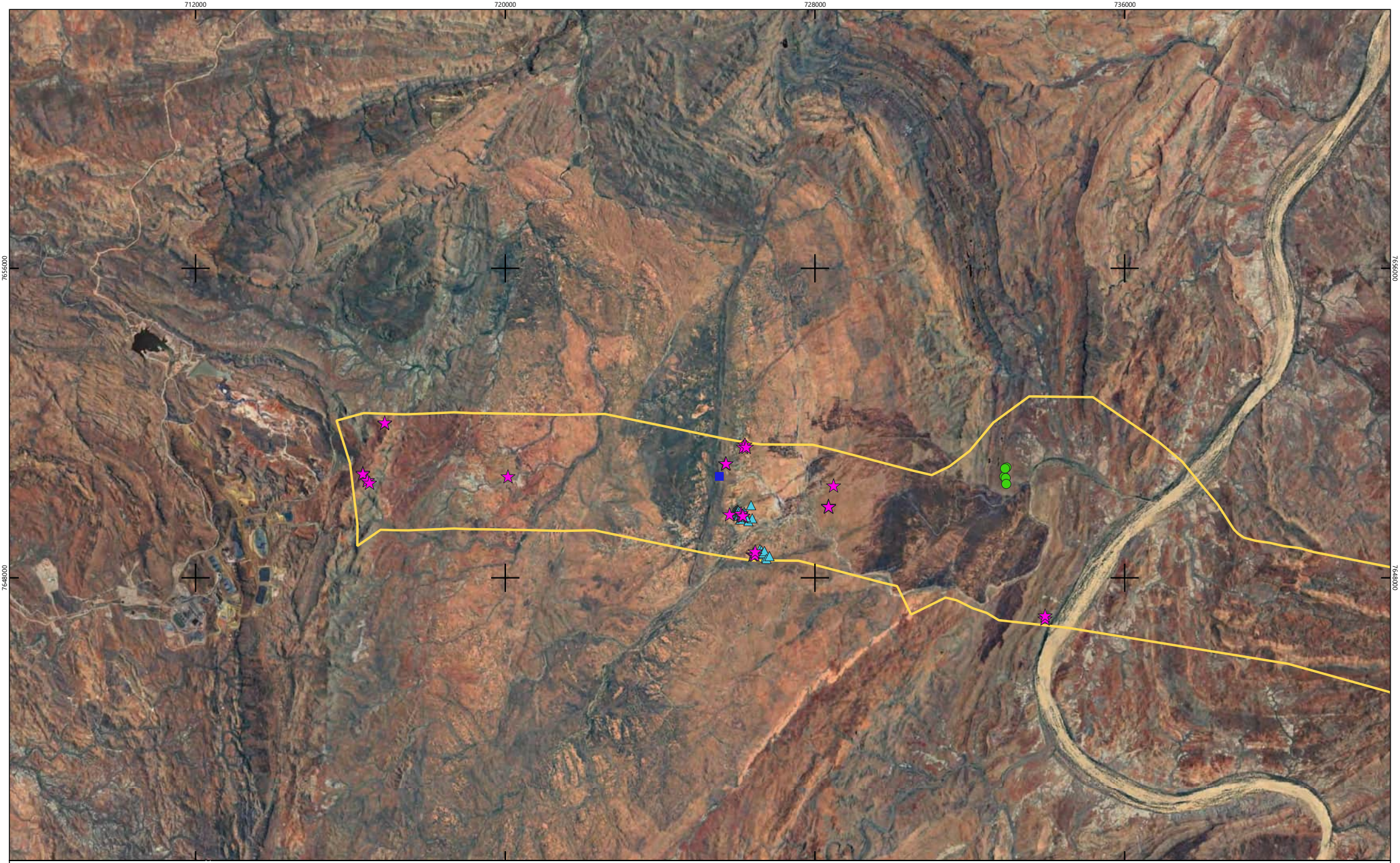


Figure 13.a - Recorded Significant Flora

Source: Google Satellite

FORT24001 14 January 2025

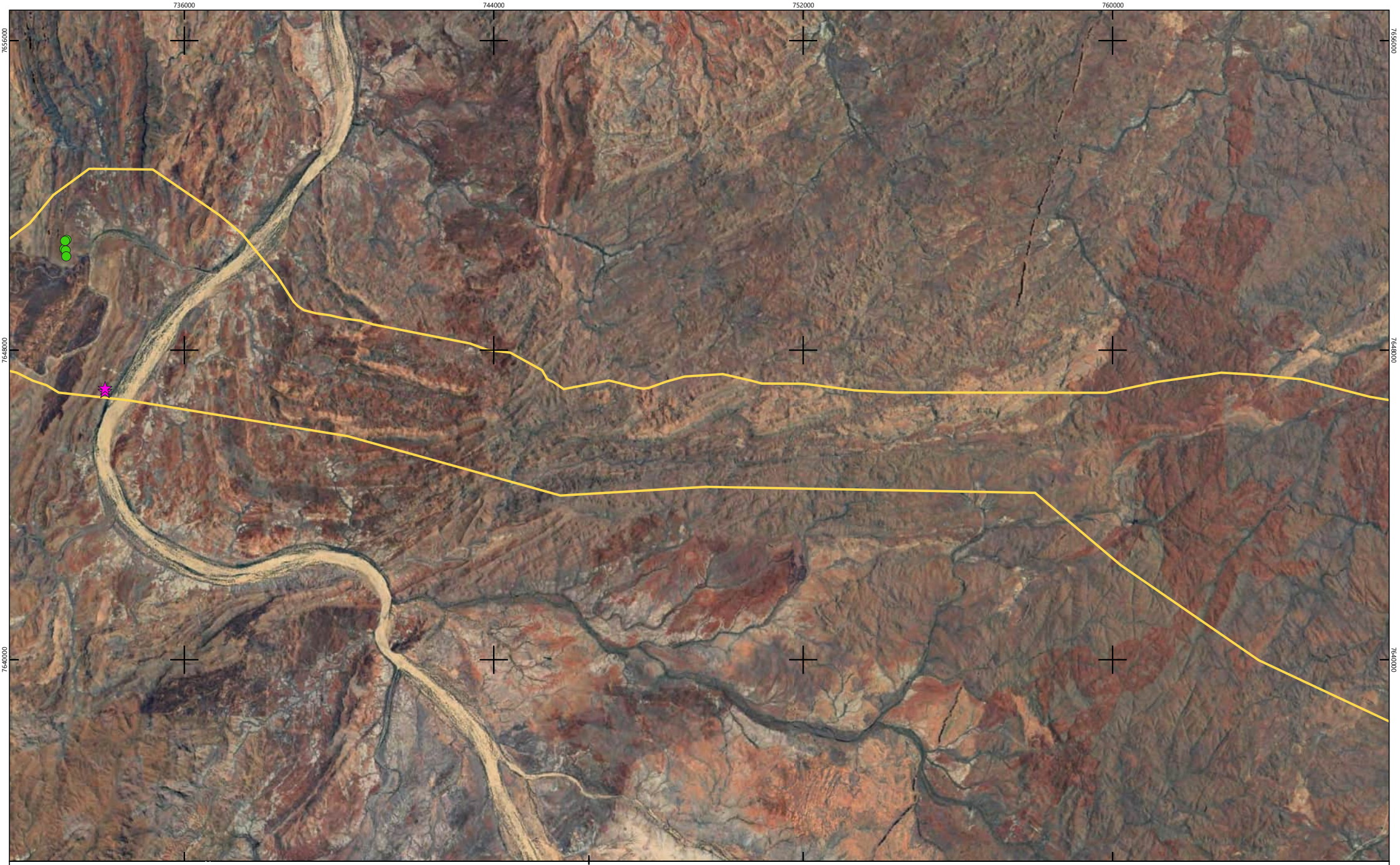


Figure 13.b - Recorded Significant Flora

Source: Google Satellite

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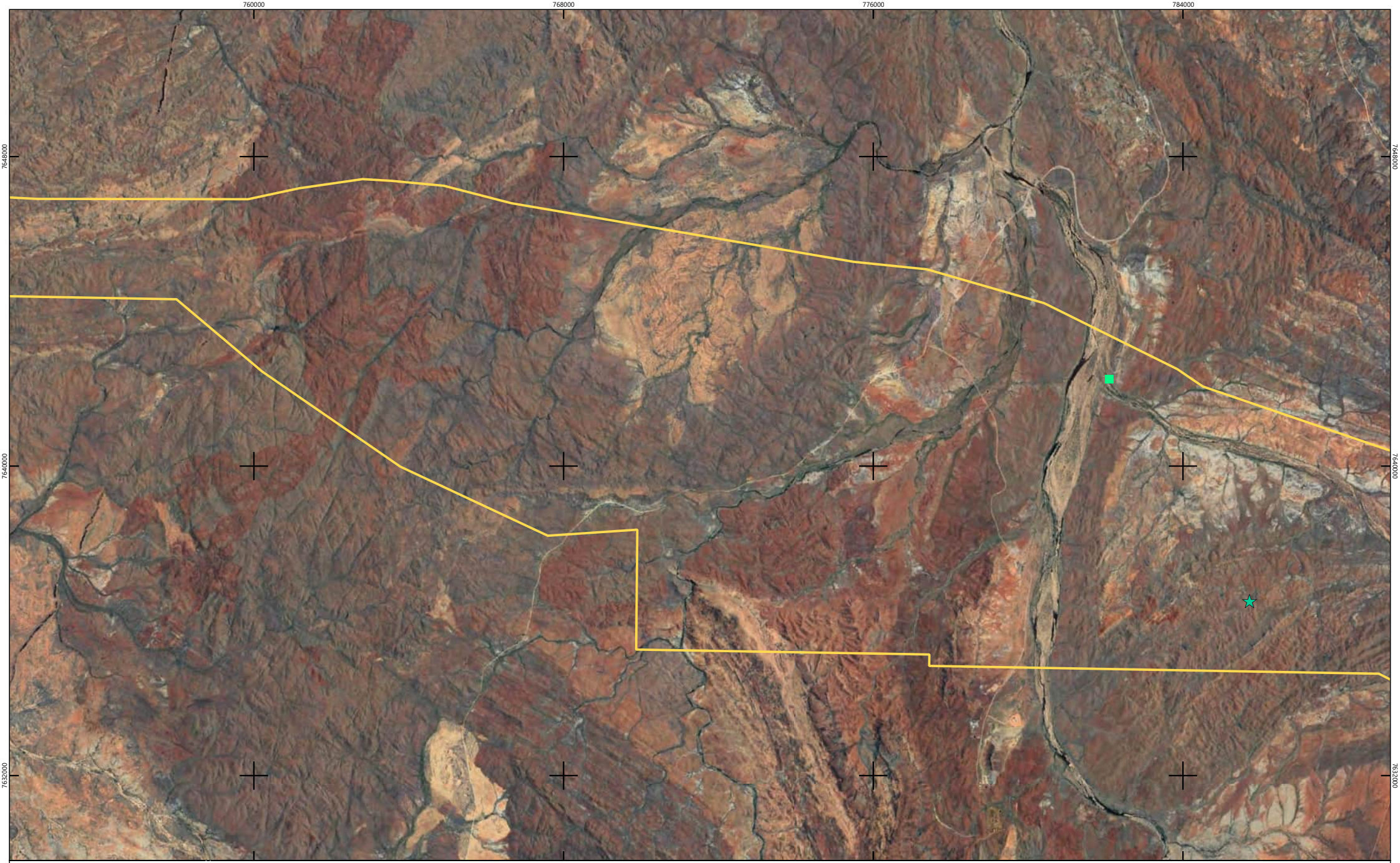


Figure 13.c - Recorded Significant Flora

Source: Google Satellite

FORT24001 14 January 2025

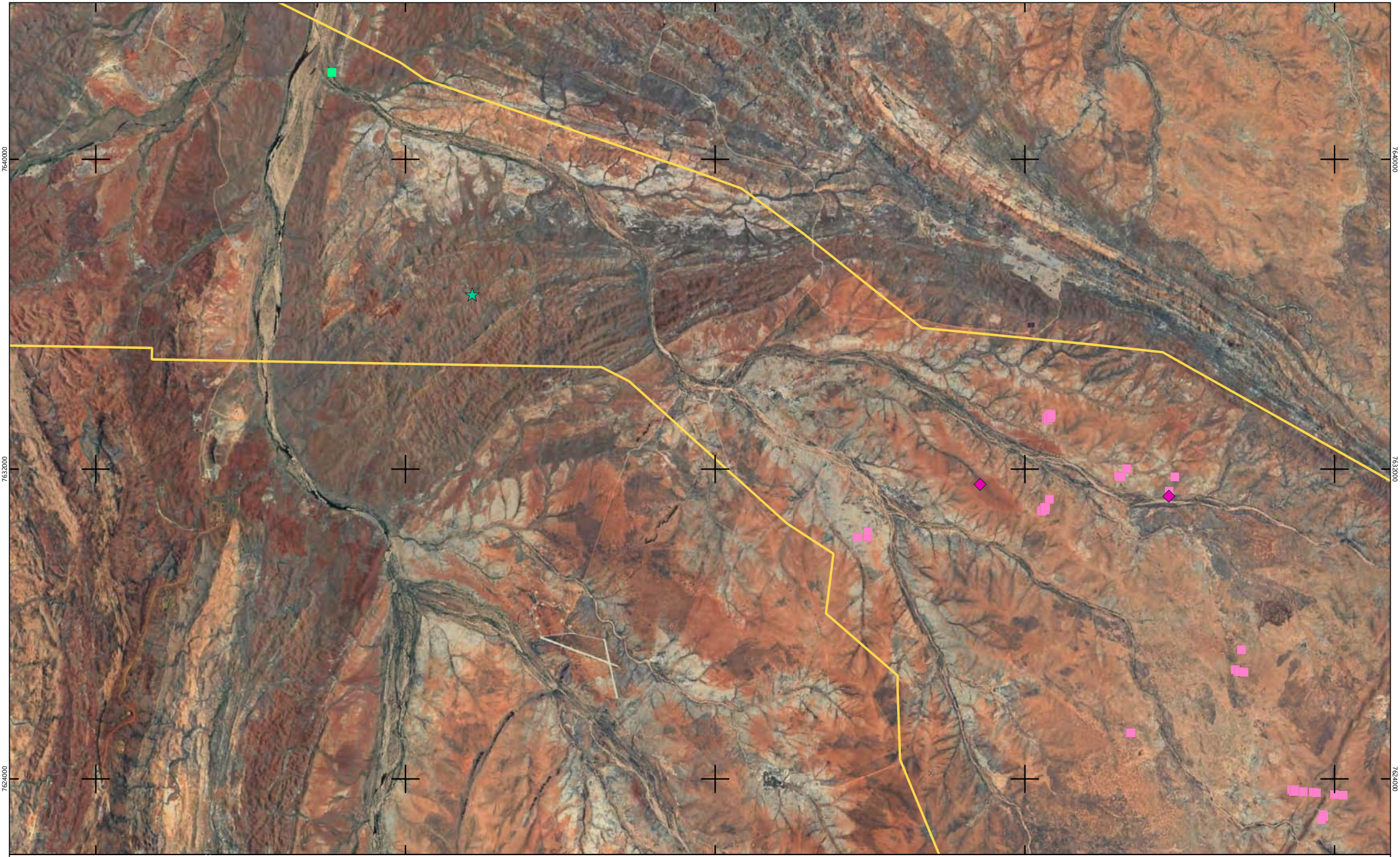


Figure 13.d - Recorded Significant Flora

Source: Google Satellite

FORT24001 14 January 2025

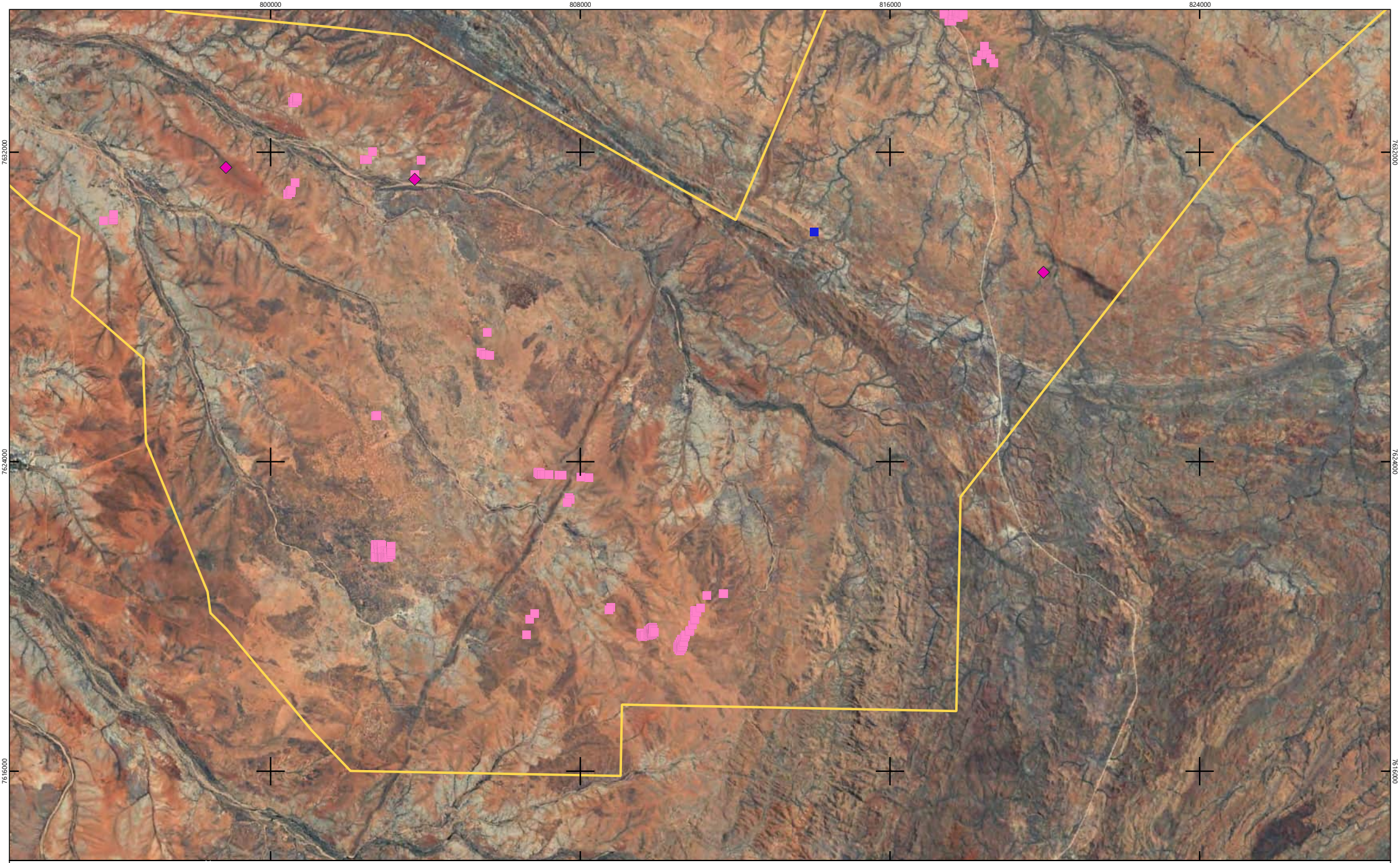


Figure 13.e - Recorded Significant Flora

Source: Google Satellite

FORT24001 14 January 2025

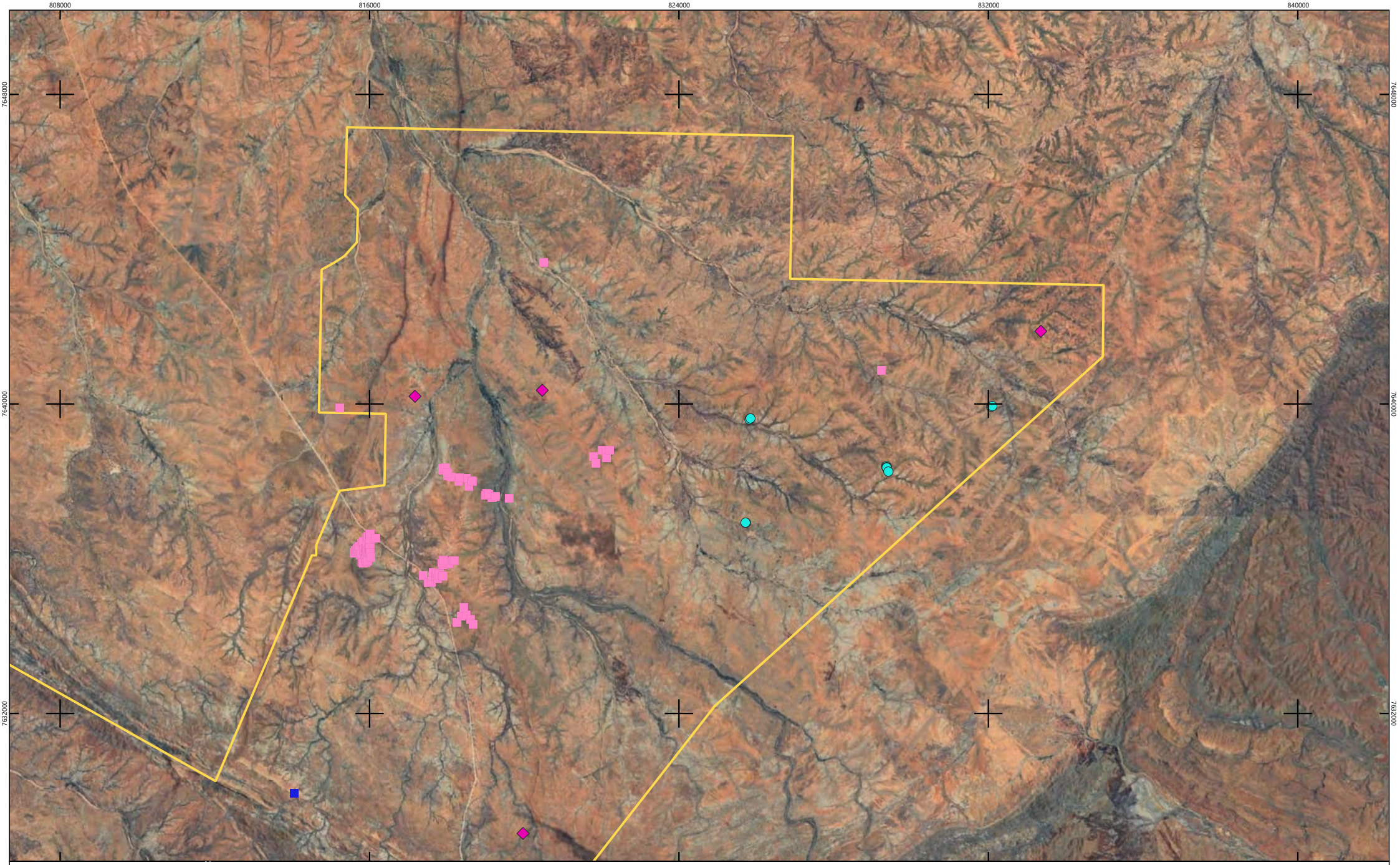


Figure 13.f - Recorded Significant Flora

Source: Google Satellite

FORT24001 14 January 2025

5.2.1.4 Introduced Flora

Twenty-one introduced (weed) species were recorded during all five phases of survey, 20 of which occur within the study area, with the most common being **Aerva javanica, *Argemone ochroleuca* subsp. *ochroleuca, *Calotropis procera* and **Cenchrus ciliaris* (**Table 16**). No WoNs were recorded in the study area. One of the weed species, **Calotropis procera*, is listed as a DP [s22(2)] plant for the Pilbara region under the BAM Act (DPIRD 2022b). The records of this DP plant observed during the field survey are summarised in **Appendix L** and spatially presented in **Figure 14**.

Table 16 – Recorded Introduced Species

Species	No. of Quadrats with a Record	Abundance within Study Area	#Total Abundance
**Aerva javanica*	35	145	241
**Argemone ochroleuca* subsp. *ochroleuca*	5	204	205
**Calotropis procera*	26	154	185
**Cenchrus ciliaris*	89	623	967
**Cenchrus setiger*	48	42	51
**Chloris barbata*	9	8	10
**Chloris virgata*	1	1	1
**Citrullus colocynthis*	7	26	27
**Cucumis myriocarpus* subsp. *myriocarpus*	1	1	1
**Cynodon dactylon*	8	4	8
**Echinochloa colona*	2	1	2
**Eragrostis minor*	4	3	4
**Flaveria trinervia*	1	1	1
**Indigofera sessiliflora*	2	2	2
**Malvastrum americanum*	2	1	2
**Physalis angulata*	5	4	5
**Setaria verticillata*	1	1	1
**Solanum nigrum*	2	2	2
**Sonchus oleraceus*	1	1	1
**Trianthema portulacastrum*	1	0	1
**Vachellia farnesiana* var. *farnesiana*	21	71	97

#Abundance totals include abundance recorded from quadrat and opportunistic data recorded outside the study area

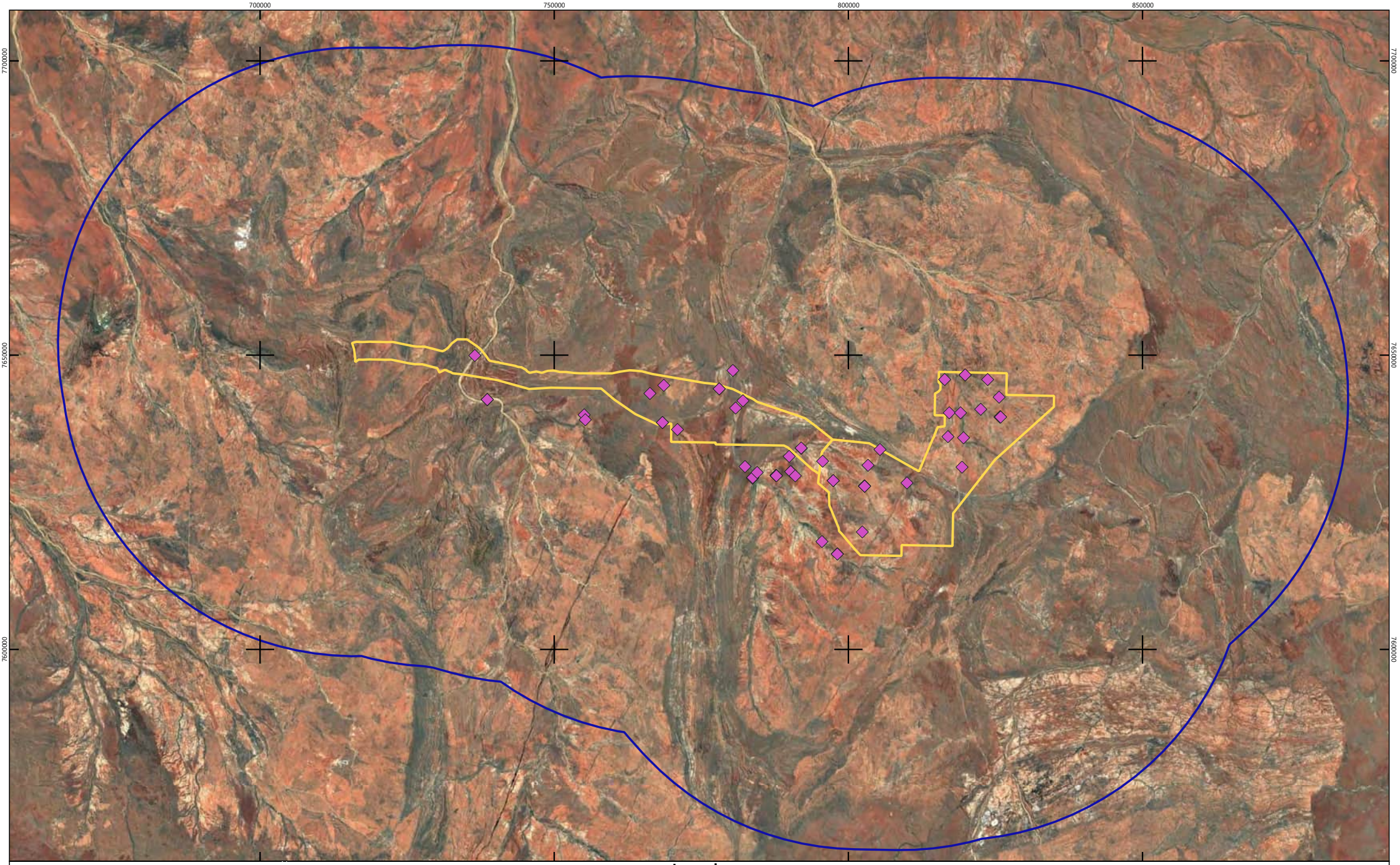


Figure 14 - Declared Pest Plant Locations

Source: Google Satellite

FORT24001 12 November 2024

5.2.2 Vegetation

5.2.2.1 Vegetation Units

Floristic analysis of quadrat data utilising multivariate cluster analysis was undertaken to group quadrats of similar species composition (**Appendix E**). This analysis identified vegetation groups on similarity of the presence/absence of species. Using the floristic analysis results, as well as landform, geology, vegetation structure, species dominance and field observations, a total of 41 vegetation units were defined, 39 of which occur within the study area. These were each categorised into one of four broad landforms: Drainage, Hills, Outcrops, and Plains (**Table 17**, **Figure 15** series). Cleared areas comprising of roads and infrastructure were also mapped (**Table 17**, **Figure 15** series).

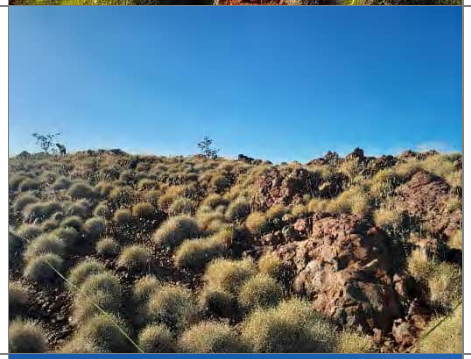
Table 17 – Summary of Recorded Vegetation Units in the Study Area

Landform	Vegetation Unit Code	Vegetation Description	Representative Photo	Condition (Range)	Representative Quadrats and Relevé	Area (ha)#	% of Study Area#
Drainage Associated with the Black and Granitic Land Systems	**AaTw2** *Acacia* Open Mid Shrubland	*Acacia arida* Open Mid Shrubland over *Triodia wiseana, Triodia epactia* and *Triodia longiceps* Mid Hummock Grassland.		Excellent	MB006	12.19	0.01
Drainage Rivers associated with the Macroy Land System	**AhAtTa** *Atalaya* Low Isolated Trees	*Atalaya hemiglauca* Low Isolated Trees over *Acacia trachycarpa* Tall Sparse Shrubland over *Triodia angusta, Triodia longiceps* and **Cenchrus setiger* Low Open Hummock Grassland.		Degraded to Excellent	063, 065, *072, B2, EP41r, MB025	1,274.72	1.23
Drainage Associated with the Macroy Land System	**AtTe** *Acacia* Tall Open Shrubland	*Acacia trachycarpa* and *Acacia ampliceps* Tall Open Shrubland over *Triodia epactia, Triodia longiceps* and **Cenchrus ciliaris* Tall Open Hummock Grassland.		Degraded to Excellent	089, 097, 098, 099, 100, 102, *F019, MB021, MB043, EP10, EP15,	1,984.48	1.91

Landform	Vegetation Unit Code	Vegetation Description	Representative Photo	Condition (Range)	Representative Quadrats and Relevé	Area (ha)[#]	% of Study Area[#]
Drainage Associated with the Boolgeeda and Talga Land System	**ChAcTw** *Corymbia* Low Isolated Trees	*Corymbia hamersleyana* Low Isolated Trees over *Triodia wiseana* Mid Sparse Hummock Grassland.		Very Good to Excellent	*B3, EP48	236.03	0.23
Drainage Associated with the Rocklea Land System	**ChAtTe** Corymbia Low Isolated Trees	*Corymbia hamersleyana* Low Isolated Trees over *Acacia tumida* var. *pilbarensis, Acacia adsurgens* and *Grevillea wickhamii* subsp. *aprica* Tall Shrubland over *Triodia epactia* Open Mid Hummock Grassland.		Good to Excellent	*034, *039	725.42	0.70
Drainage Associated with the River Land System	**EcMa** *Eucalyptus* Open Mid Woodland	*Eucalyptus camaldulensis* subsp. *refulgens* and *Melaleuca argentea* Open Mid Woodland over *Acacia sericophylla, Acacia trachycarpa, Melaleuca glomerata* and *Melaleuca linophylla* Tall Sparse Shrubland over **Cenchrus setiger* and *Triodia longiceps* Sparse Mid Tussock Grassland.		Degraded to Excellent	013, 014, *015, *016, *052, *053, 055, 056, *071, 096, AP07, EP35, EP70r, *F007, *F013, K22r, K23, K26 MB007, MB041,	2,838.21	2.74

Landform	Vegetation Unit Code	Vegetation Description	Representative Photo	Condition (Range)	Representative Quadrats and Relevé	Area (ha)#	% of Study Area#
Drainage Associated with the Macroy Land System	**EcTl** *Eucalyptus* Mid Woodland	*Eucalyptus camaldulensis* subsp. *refulgens* Mid Woodland over *Melaleuca* spp. and *Acacia ampliceps* Tall Sparse Shrubland over *Triodia longiceps* Sparse Mid Hummock Grassland.		Good to Excellent	012, 060, 085, 088, 090, 101, MB036	747.44	0.72
Drainage Associated with the Rocklea Land System	**EvAtEb** *Eucalyptus* Open Mid Woodland	*Eucalyptus victrix* Open Mid Woodland over *Acacia tumida* var. *pilbarensis* and *Gossypium robinsonii* Open Mid Shrubland over *Eriachne benthamii, Triodia epactia* and *Chrysopogon fallax* Open Mid Tussock Grassland.		Very Good	MB031	203.10	0.20
Drainage Gorge associated with the Rocklea Land System	**EvCi** *Eucalyptus* Tall Mallee Woodland	*Eucalyptus victrix* Tall Mallee Woodland over *Cyperus ixiocarpus* Sparse Mid Sedgeland.		Excellent	MB015	17.59	0.02

Landform	Vegetation Unit Code	Vegetation Description	Representative Photo	Condition (Range)	Representative Quadrats and Relevé	Area (ha)#	% of Study Area#
Drainage Major river	**EvMa** *Eucalyptus* Mid Woodland	*Eucalyptus victrix* and *Melaleuca argentea* Mid Woodland over *Melaleuca glomerata* and *Melaleuca linophylla* Tall Open Shrubland over **Cenchrus ciliaris, Cyperus vaginatus* and *Eriachne tenuiculmis* Sparse Mid Tussock Grassland.		Excellent	*F014	Only occurs outside the study area.	
Drainage Associated with the Rocklea Land System	**EvMlTe** *Eucalyptus* Mid Woodland	*Eucalyptus victrix* Mid Woodland over *Melaleuca linophylla, Melaleuca glomerata* and *Acacia* spp. Tall Open Shrubland over *Triodia epactia, Triodia longiceps* and **Cenchrus ciliaris* Open Mid Hummock Grassland.		Good to Excellent	003, 004, 005, *017, *019, *023, *024A, *028, 037, *040, *F002, EP01, EP23, EP26, EP29, EP31, EP51, EP54, K09, K11, K20	1,806.89	1.74
Drainage Associated greenstone geology on the Capricorn Land System	**TcAtTe** *Terminalia* Low Open Woodland	*Terminalia circumalata* Low Open Woodland over *Acacia tumida* var. *pilbarensis* Tall Sparse Shrubland over *Triodia epactia* and *Eriachne mucronata* Low Open Hummock Grassland.		Good to Excellent	020, 026, 027, AP04	62.25	0.06

Landform	Vegetation Unit Code	Vegetation Description	Representative Photo	Condition (Range)	Representative Quadrats and Relevé	Area (ha)#	% of Study Area#
Hills Associated with the Granitic Land System	**AeAmTe** *Acacia* Tall Sparse Shrubland	*Acacia eriopoda* and *Acacia orthocarpa* Tall Sparse Shrubland over *Acacia maitlandii* Sparse Mid Shrubland over *Triodia epactia* Low Open Hummock Grassland.		Very Good to Excellent	MB030	234.36	0.23
Hills Associated with the Rocklea Land System	**AiCpTb** *Acacia* Tall Sparse Shrubland	*Acacia inaequilatera* Tall Sparse Shrubland over *Corchorus parviflorus* Low Sparse Shrubland over *Triodia brizoides* Low Hummock Grassland.		Good to Excellent	010, *035, 036, *038, 041, 086, AP05, *F001, MB013, MB014, MB016,	8,501.84	8.20
Hills Associated with the Rocklea Land System	**AiSgTb** *Acacia* Tall Isolated Shrubland	*Acacia inaequilatera* Tall Isolated Shrubland over *Ptilotus auriculifolius* Low Sparse shrubland over *Triodia brizoides, Triodia epactia, and Triodia wiseana* Hummock Grassland		Very Good to Excellent	EP14, EP27, EP28, EP34, EP39, EP47, EP49, EP55, EP56, EP58,	8,858.64	8.54

Landform	Vegetation Unit Code	Vegetation Description	Representative Photo	Condition (Range)	Representative Quadrats and Relevé	Area (ha)[#]	% of Study Area[#]
Hills Associated with the Rocklea Land System	**AiTe** *Acacia* Tall Sparse Shrubland	*Acacia inaequilatera* and *Grevillea wickhamii* subsp. *aprica* Tall Sparse Shrubland over *Triodia epactia* and *Triodia brizoides* Mid Hummock Grassland.		Good to Excellent	042, 046, EP32, EP33, F005, F016, *F012, *F015, MB009, MB018, MB032, MB033	7,369.56	7.11
Hills Mesas associated with the Rocklea and Talga Land Systems	**CcTe** Eucalypt Low Open Woodland	*Corymbia candida* subsp. *candida* and *Eucalyptus leucophloia* subsp. *leucophloia* Low Open Woodland over *Triodia epactia* Low Hummock Grassland.		Excellent	074, 108, *F011	79.77	0.08
Hills Associated with the Talga and Rocklea Land System	**CspTb** *Corymbia* Low Isolated Trees	*Corymbia* sp. 1 and *Corymbia hamersleyana* Low Isolated Trees over *Acacia inaequilatera* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Sparse Shrubs over *Triodia wiseana* and *Triodia epactia* Low Open Hummock Grassland.		Excellent	109, EP53	28.69	0.03

Landform	Vegetation Unit Code	Vegetation Description	Representative Photo	Condition (Range)	Representative Quadrats and Relevé	Area (ha)[#]	% of Study Area[#]
Hills Associated greenstone geology on Capricorn Land System	**ElAtTe** *Eucalyptus* Low Isolated Trees	*Eucalyptus leucophloia* subsp. *leucophloia* Low Isolated Trees over *Acacia inaequilatera* and *Acacia tumida* var. *pilbarensis* Tall Sparse Shrubland over *Triodia epactia* and *Triodia brizoides* Mid Hummock Grassland.		Very Good to Excellent	018, 021, 105, EP30, K10, MB010, MB011, MB012, MB017	2,128.32	2.05
Hills Associated with the Capricorn Land System	**ElGwTw** Eucalypt Low Isolated Trees	*Eucalyptus leucophloia* subsp. *leucophloia* and *Corymbia hamersleyana* Low Isolated Trees over *Grevillea wickhamii* and *Acacia inaequilatera* Tall Sparse Shrubland over *Triodia wiseana* Low Hummock Grassland.		Very Good-Excellent to Excellent	*001, 002, K02, K03, K08, *MB001, MB002	390.89	0.38
Hills Associated with the Rocklea and Talga Land System	**ElTlTb** Eucalypt Low Open Woodland	*Eucalyptus leucophloia* subsp. *leucophloia* and *Corymbia hamersleyana* Low Open Woodland over mixed *Acacia* spp. Sparse Mid Shrubland over *Triodia longiceps* and *Triodia brizoides* Open Mid Hummock Grassland.		Excellent	080, 084, EP37, EP38	1,727.55	1.67

Landform	Vegetation Unit Code	Vegetation Description	Representative Photo	Condition (Range)	Representative Quadrats and Relevé	Area (ha)#	% of Study Area#
Hills Associated with the Black and Talga Land Systems	**Tw1** *Triodia* Open Low Hummock Grassland	*Triodia wiseana* Open Low Hummock Grassland.		Very Good to Excellent	*054, 104, EP59, EP63	428.36	0.41
Hills Associated with the Talga Land System	**Tw2** *Triodia* Mid Hummock Grassland	*Triodia wiseana* and *Triodia epactia* Mid Hummock Grassland.		Very Good to Excellent	EP20, MB034,	119.06	0.11
Outcropping Quartz associated with the Granitic and Macroy Land Systems	**AiCpTe1** *Corymbia* Low Isolated Trees	*Corymbia hamersleyana* Low Isolated Trees over *Acacia inaequilatera, Grevillea pyramidalis* subsp. *Leucadendron* and *Grevillea wickhamii* subsp. *hispidula* Tall Isolated Shrubland over *Triodia epactia* Open Mid Hummock Grassland.		Excellent	EP71, K24, MB029	2,186.20	2.11

Landform	Vegetation Unit Code	Vegetation Description	Representative Photo	Condition (Range)	Representative Quadrats and Relevé	Area (ha)#	% of Study Area#
Outcropping Low lying granite associated with the Granitic Land System	**AtAhTe** *Acacia* Tall Isolated Shrubs	*Acacia tumida* var. *pilbarensis* Tall Isolated Shrubs over *Acacia hilliana* Low Sparse Shrubland over *Triodia epactia* Open Mid Hummock Grassland.		Excellent	008, 009, K06, K07, MB005	1,358.40	1.31
Outcropping Associated with the Black and Capricorn Land System	**ChTe** *Corymbia* Low Isolated Trees	?*Corymbia hamersleyana* and *Brachychiton acuminatus* Low Isolated Trees over *Triodia epactia, *Cenchrus ciliaris* and *Cymbopogon ambiguus* Sparse Mid Hummock Grassland.		Very Good–Excellent to Excellent	*031, *032, *033, *106, 107, *111, *F021, *F022, MB008	36.34	0.04
Outcropping Banded Ironstone Formation associated with the Capricorn Land System	**ElCpTb** *Eucalyptus* Low Isolated Trees	*Eucalyptus* ?*leucophloia* subsp. *leucophloia* Low Isolated Trees over *Corchorus parviflorus* and *Tribulus suberosus* Sparse Mid Shrubland over *Triodia brizoides* and *Euphorbia careyi* Mid Hummock Grassland.		Very Good-Excellent to Excellent	011	672.05	0.65

Landform	Vegetation Unit Code	Vegetation Description	Representative Photo	Condition (Range)	Representative Quadrats and Relevé	Area (ha)#	% of Study Area#
Outcropping Granite associated with the Macroy Land System	**GwCpTe** *Grevillea* Isolated Mid Shrubs	*Grevillea wickhamii* subsp. *aprica* Isolated Mid Shrubs over *Corchorus parviflorus* Low Sparse Shrubland over *Triodia epactia, Cymbopogon ambiguus* and *Eriachne mucronata* Sparse Mid Hummock Grassland.		Good to Excellent	*F023, MB020, MB044	2,259.04	2.18
Outcropping Granite associated with the Macroy Land System	**GwTw** *Grevillea* Sparse Mid Shrubland	*Grevillea wickhamii* subsp. *aprica, Polycarpaea holtzei* and *Dampiera candicans* Sparse Mid Shrubland over *Triodia wiseana* and *Triodia epactia* Open Mid Hummock Grassland.		Excellent	MB024	18.47	0.02
Outcropping Granite Domes associated with the Granitic Land System	**TcSpTl** *Terminalia* Low Isolated Trees	*Terminalia circumalata* Low Isolated Trees over *Sida platycalyx* and *Ficus aculeata* var. *indecora* Isolated Mid Shrubs over *Triodia longiceps* and *Digitaria brownii* Open Mid Hummock Grassland.		Very Good to Excellent	007	23.11	0.02

Landform	Vegetation Unit Code	Vegetation Description	Representative Photo	Condition (Range)	Representative Quadrats and Relevé	Area (ha)#	% of Study Area#
Plain Associated with the Macroy Land System	**AaGwTe** *Acacia* Tall Isolated Shrubland	*Acacia inaequilatera* Tall Isolated Shrubland over *Acacia acradenia* and *Grevillea wickhamii* Sparse Shrubland over *Triodia epactia* Open Mid Hummock Grassland.		Very Good to Excellent	006, AP02, BR01, EP03, EP04, EP05, EP36	1,570.80	1.51
Plain Associated with the Boolgeeda and Rocklea Land System	**AbAlTe** *Acacia* Isolated Mid Shrubs	*Acacia bivenosa* Isolated Mid Shrubs over *Acacia levata* and *Acacia colei* ?var *colei* Low Isolated Shrubs over *Triodia epactia* Low Hummock Grassland.		Good to Very Good–Excellent	EP24, EP25, *F003, *F004	289.22	0.28
Plain Associated with the Macroy Land System	**AiAaTe** *Acacia* Tall Open Shrubland	*Acacia inaequilatera* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Open Shrubland over *Acacia ancistrocarpa* and *Corchorus parviflorus* Isolated Mid Shrubs over *Triodia epactia* Mid Hummock Grassland.		Good to Excellent	092, 093, 095, 103r, EP65, EP79, EP81, K15, K17, K25, K28, K29, K32, MB019, MB022, MB026, MB027, MB028, MB035, MB037, MB038, *MB039, MB040, MB042, MB045, MB046,	23,194.93	22.37

Landform	Vegetation Unit Code	Vegetation Description	Representative Photo	Condition (Range)	Representative Quadrats and Relevé	Area (ha)#	% of Study Area#
Plain Associated with the Rocklea and Boolgeeda Land System	**AiAaTw** Acacia Tall Isolated Shrubland	*Acacia inaequilatera and Acacia acradenia* Tall Isolated Shrubland over *Triodia longiceps* and *Triodia wiseana* Low Hummock Grassland		Good-Very Good to Excellent	EP11, EP12, EP42, EP46, EP50, EP52	650.84	0.63
Plain Associated with the Macroy and Black Land System	**AiCpTe2** *Acacia* Tall Sparse Shrubland	*Acacia inaequilatera, Acacia ancistrocarpa* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Sparse Shrubland over *Corchorus parviflorus* Low Isolated Shrubs over *Triodia epactia* Mid Hummock Grassland.		Good to Excellent	059, 061, 066, 073, 078, 079, 091, 094, 110, *F018, *F020, *F024, K18	10,958.97	10.57
Plain Associated with the Macroy Land System	**AiCpTw** *Acacia* Tall Isolated Shrubland	*Acacia inaequilatera* and *Grevillea pyramidalis subsp. leucadendron* Tall Isolated Shrubland over *Corchorus parviflorus* Low Sparse Shrubland over *Triodia wiseana* Low Hummock Grassland.		Good to Excellent	067, 068, *070, 075, 076, 077, EP64, EP67, *F017, *F025, K27, K30, K31, MB023	9,640.17	9.30

Landform	Vegetation Unit Code	Vegetation Description	Representative Photo	Condition (Range)	Representative Quadrats and Relevé	Area (ha)[#]	% of Study Area[#]
Plain Associated with Capricorn and Macroy Land System	**AmTe** Acacia Tall Sparse Shrubland	*Acacia maitlandii* and *Acacia adsurgens* Tall Sparse Shrubland over *Triodia epactia and wiseana* Mid Open Hummock Grassland		Very Good to Excellent	AP03, EP02, EP13, EP16, EP17, EP19	1,657.24	1.60
Plain Associated with the Macroy Land System	**AsPfTl** *Acacia* Low Sparse Shrubland	*Acacia stellaticeps* and *Acacia inaequilatera* Low Sparse Shrubland over *Pluchea ferdinandi-muelleri* Isolated Mid Shrubs over *Triodia longiceps* and *Triodia wiseana* Mid Hummock Grassland.		Good to Excellent	*057, 064, 081, 082, 083, 087, EP66	3,106.91	3.00
Plain Associated with the Macroy Land System	**ChTb** *Corymbia* Low Open Mallee Woodland	*Corymbia hamersleyana* Low Open Mallee Woodland over *Triodia brizoides* and *Eriachne tenuiculmis* Low Hummock Grassland.		Excellent	*022	Only occurs outside of the study area.	

Landform	Vegetation Unit Code	Vegetation Description	Representative Photo	Condition (Range)	Representative Quadrats and Relevé	Area (ha)[#]	% of Study Area[#]
Plain Associated with the Macroy, Rocklea and Talga Land System	**ChTl** *Corymbia* Low Isolated Trees	*Corymbia hamersleyana* Low Isolated Trees over Mixed *Acacia* spp. Tall Sparse Shrubland over *Triodia longiceps* and *Triodia wiseana* Low Open Hummock Grassland.		Good to Excellent	*024B, *025, *029, *030, 047, 048, 049 050, 051, *069, AP01, AP06 EP18r, EP21, EP22, EP40, EP43, EP44, EP45, EP61, EP62, EP80, K05, K13, K14, K21	6,109.50	5.89
Plain Associated with the Macroy Land System	**Ts** *Triodia* Mid Hummock Grassland	*Triodia secunda, Triodia angusta* and *Pluchea ferdinandi-muelleri* Mid Hummock Grassland.		Very Good	058	7.62	0.01
	Cleared	Areas that have been cleared for roads, infrastructure, and mining	NA	NA	NA	174.20	0.17
					TOTAL	**103,689.35**	**100**

Note: * Denotes sites occurring outside the study area

[#] Minor discrepancies in areas are due to the cumulative effect of rounding

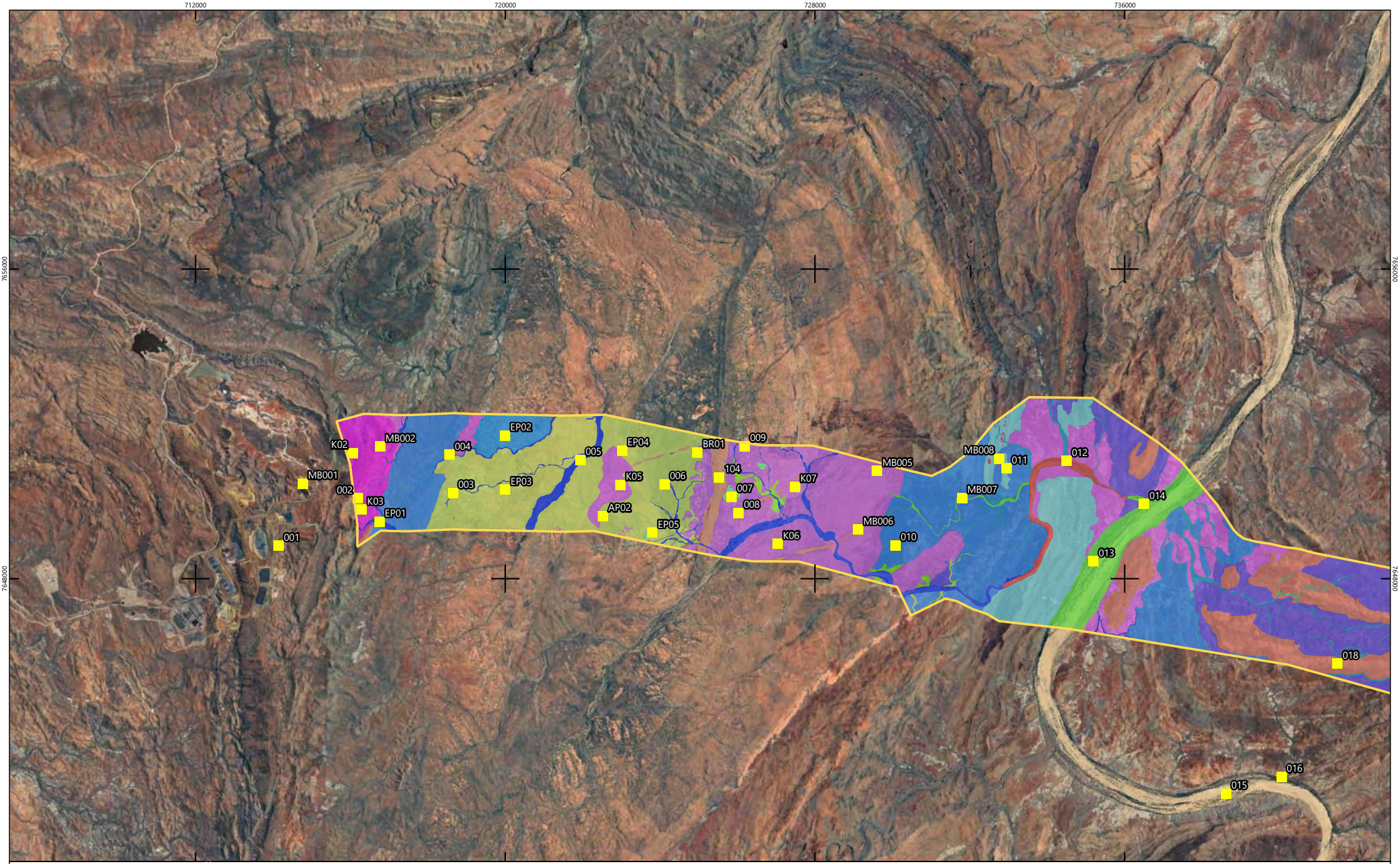


Figure 15.a - Vegetation Units

Source: Google Satellite

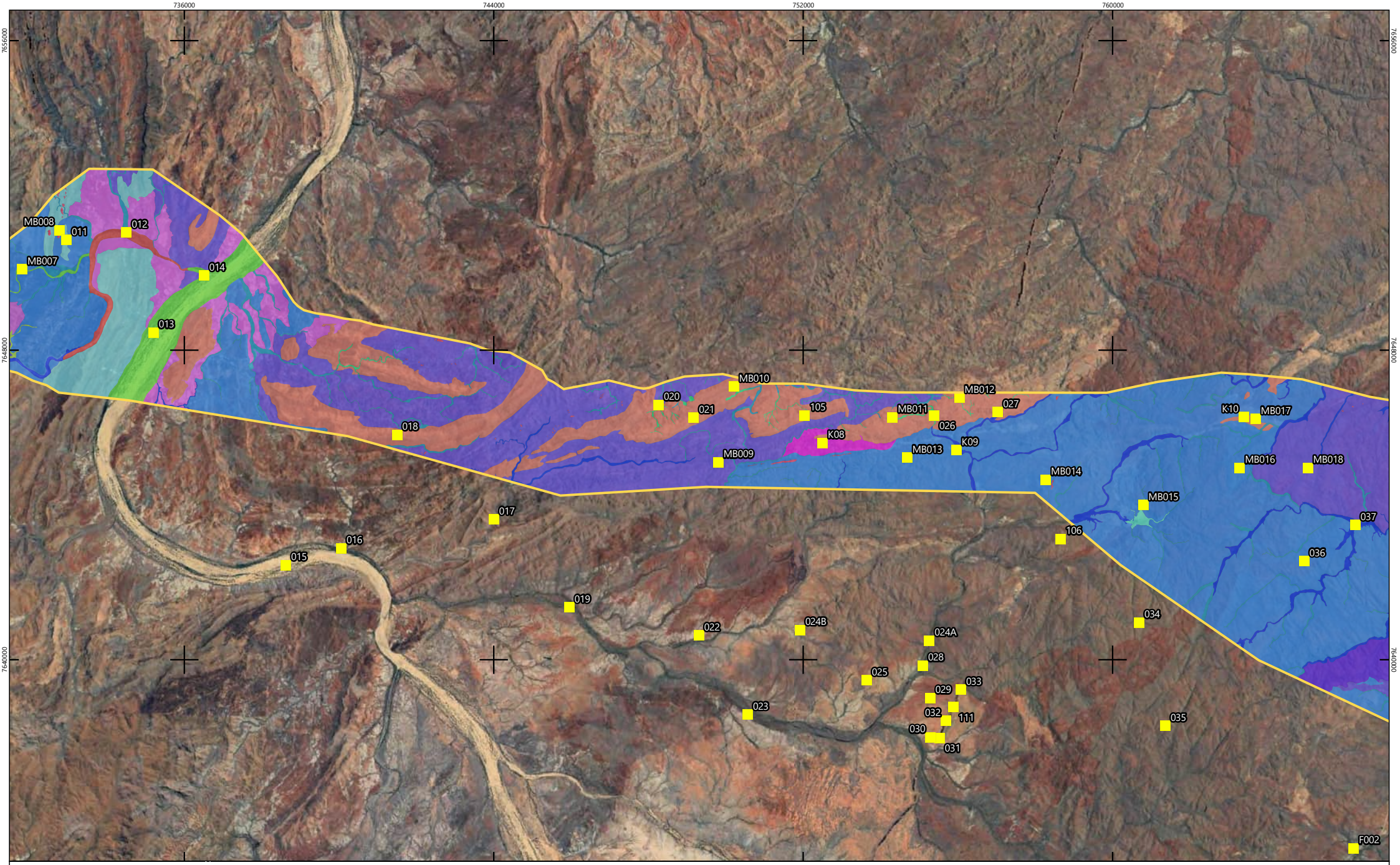


Figure 15.b - Vegetation Units

Source: Google Satellite

FORT24001 14 January 2025

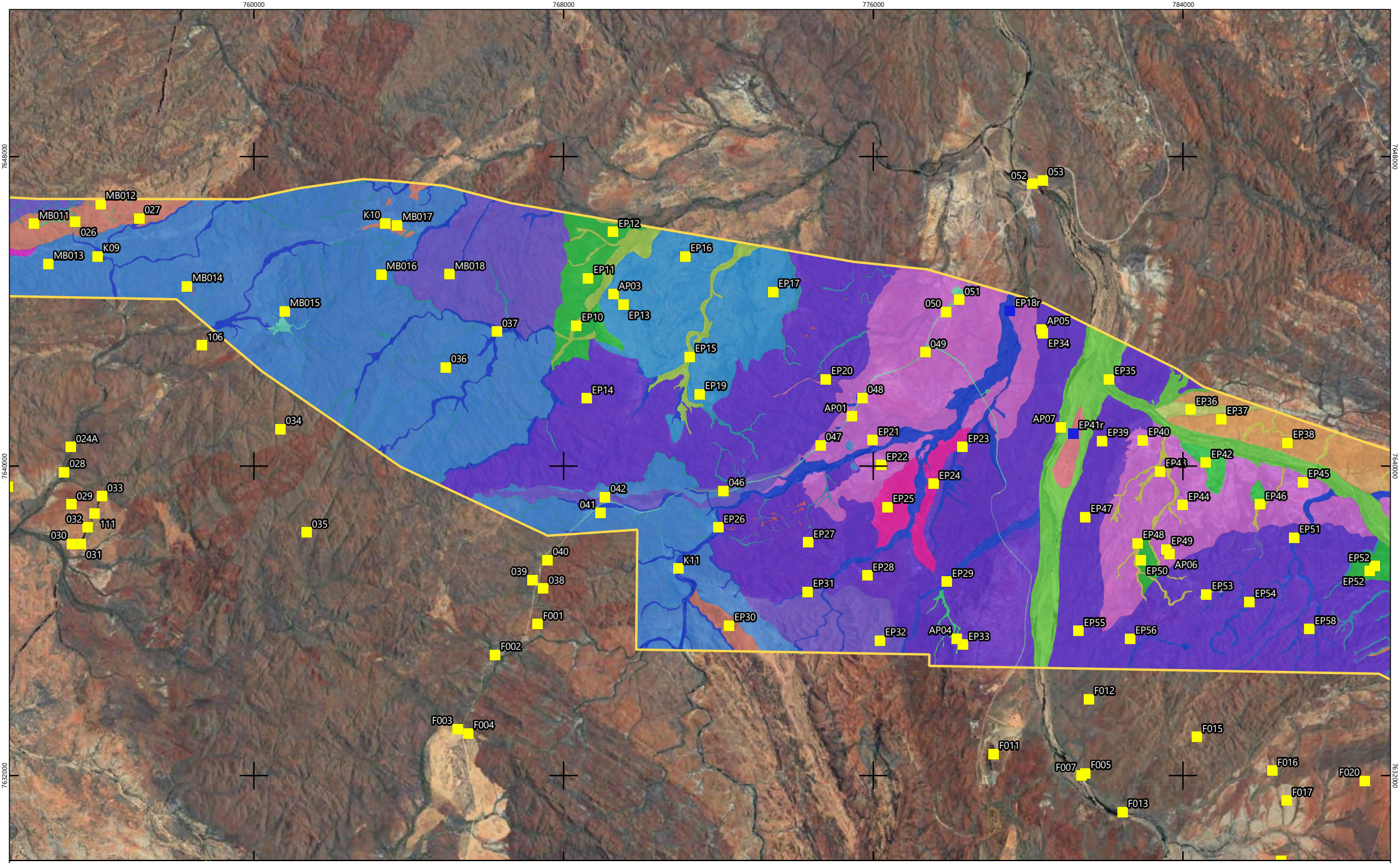


Figure 15.c - Vegetation Units

Source: Google Satellite

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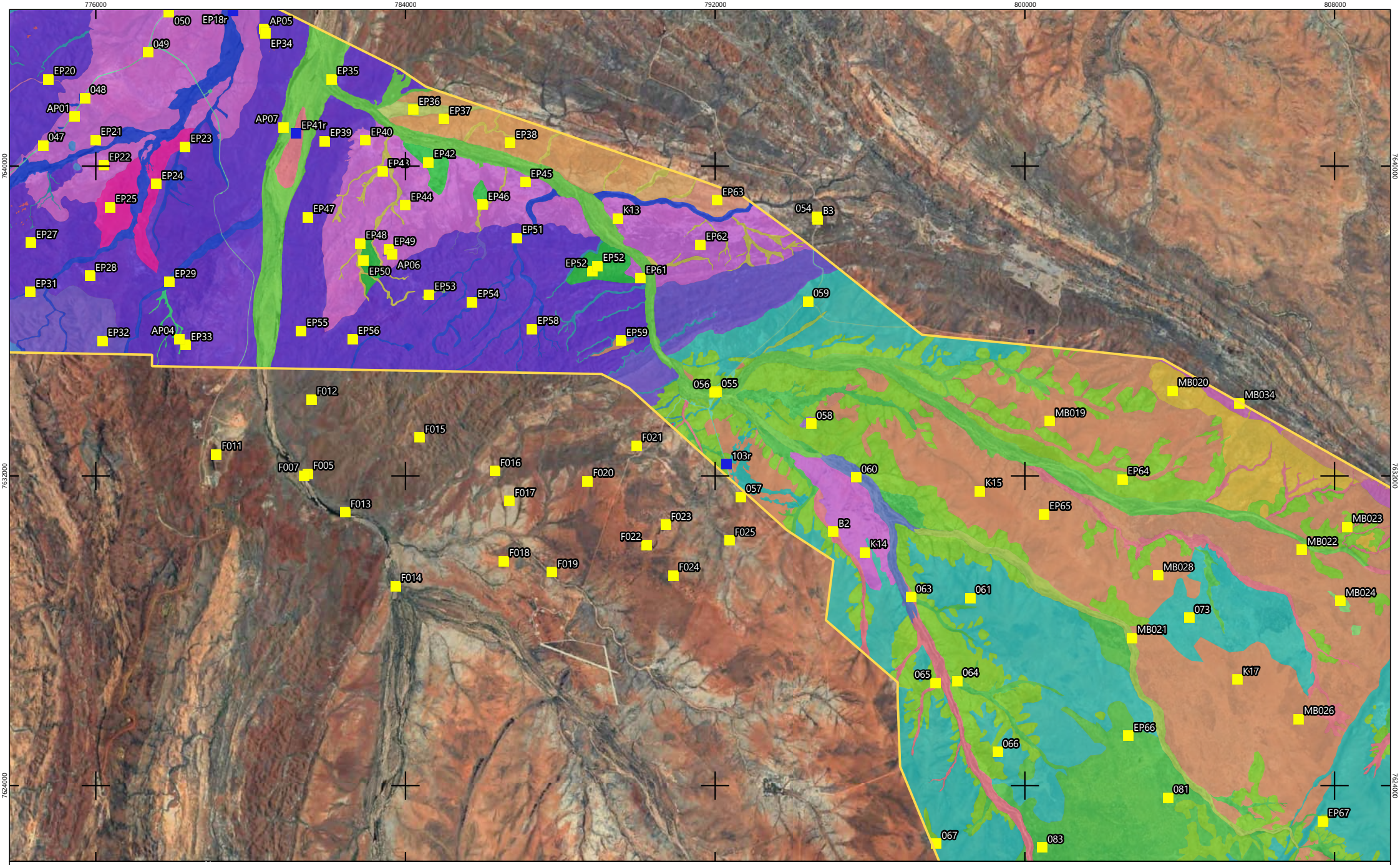


Figure 15.d - Vegetation Units

Source: Google Satellite

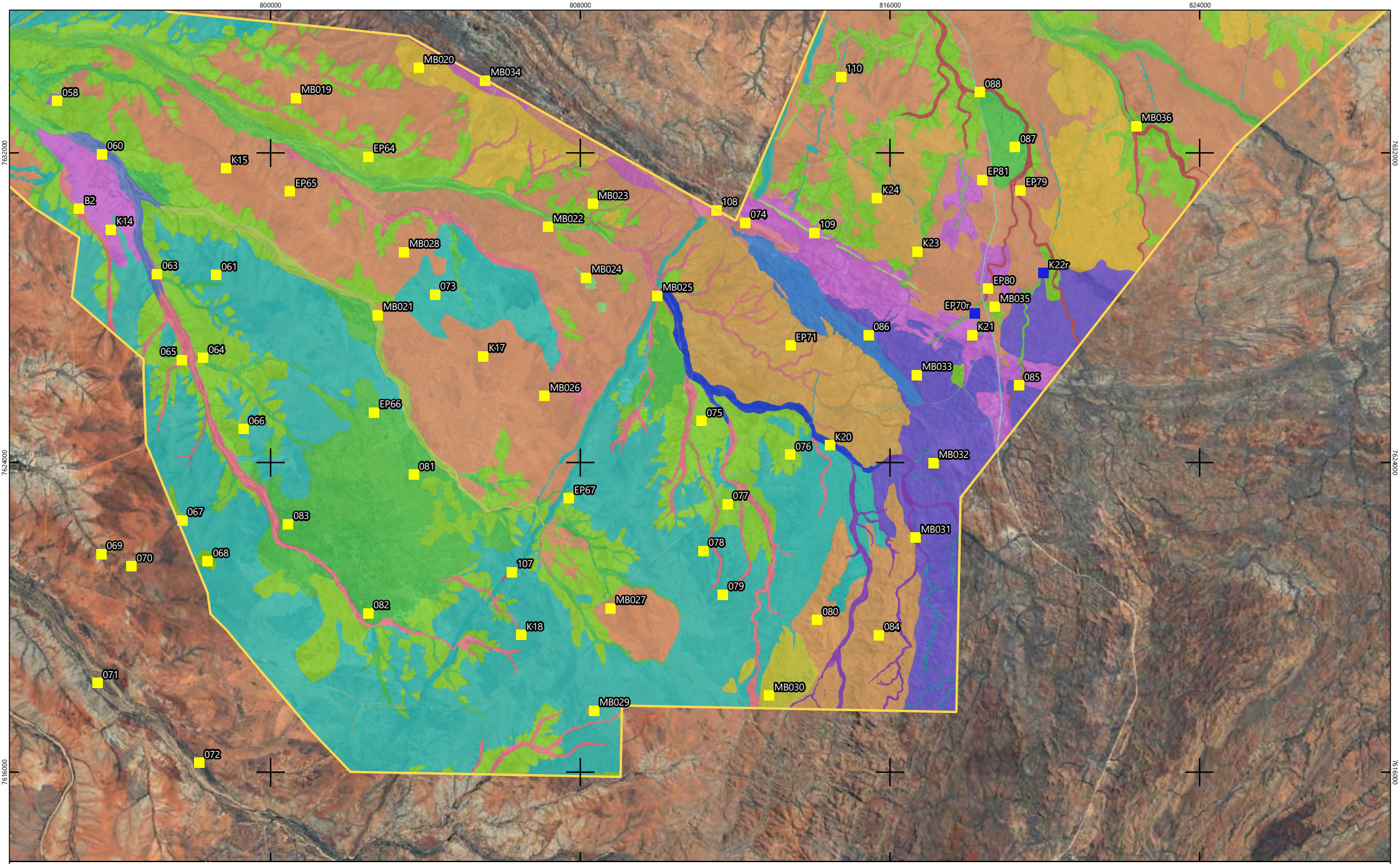


Figure 15.e - Vegetation Units

Source: Google Satellite

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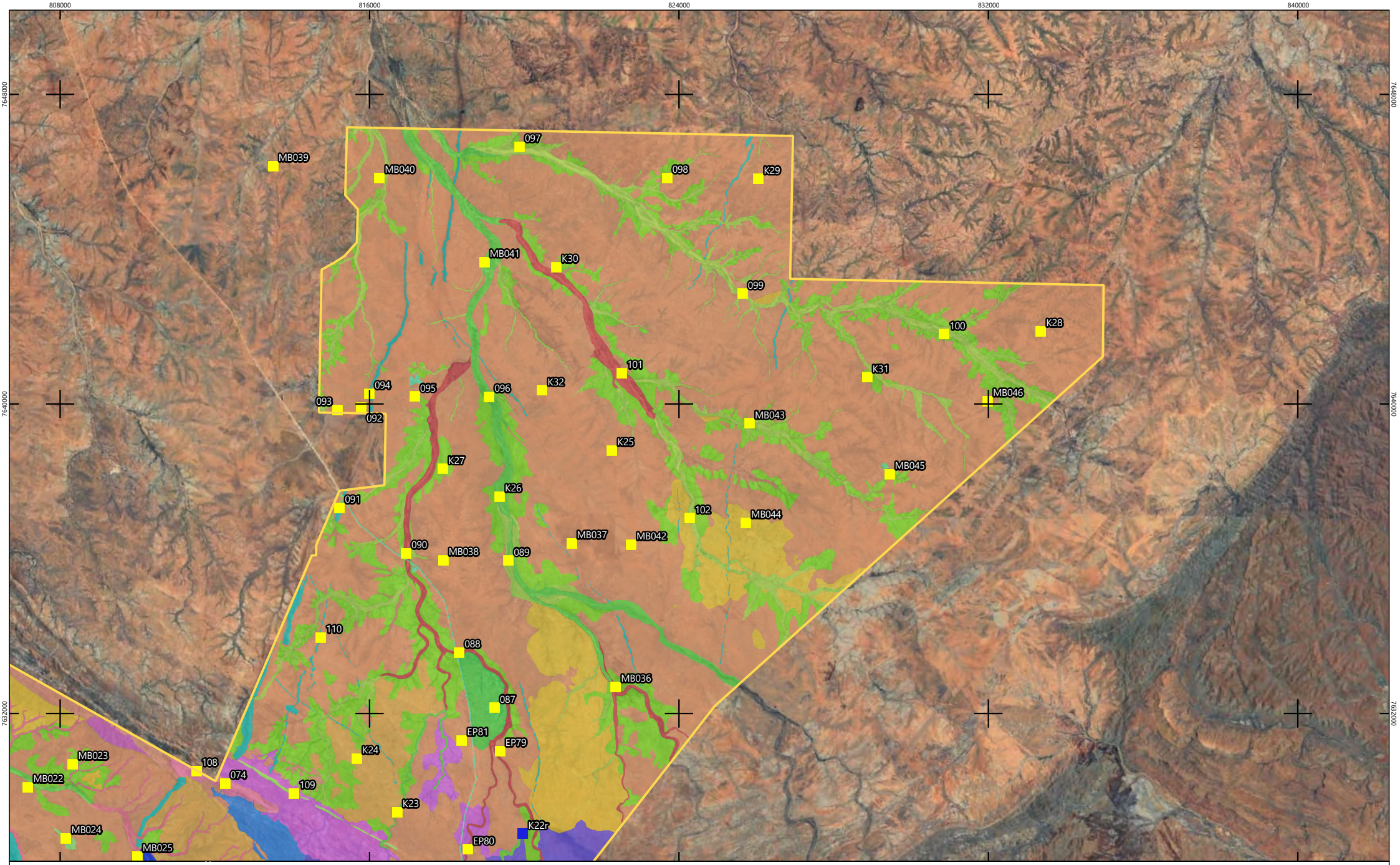


Figure 15.f - Vegetation Units

Source: Google Satellite

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5.2.2.2 Vegetation Condition

The vegetation condition throughout the study area was found to range from 'Degraded to 'Excellent', with the majority (61.14%) in 'Excellent' condition. Areas in 'Good to Very Good' or poorer condition comprise a small proportion (10.36%) of the total study area. Vegetation in 'Excellent' condition occurs mostly on the hills, in gorges and areas of higher elevation. Any degradation was typically observed in drainage areas and plains in the eastern portion of the study area, where a higher presence of weed species (**Cenchrus ciliaris* and **Calotropis procera*) and disturbance from grazing impacts from cattle were observed.

The spatial extent of the varying vegetation condition across the study area is presented in **Figure 16** series and the areas of each condition category are presented in **Table 18**.

Table 18 - Vegetation Condition in the Study Area

Vegetation Condition Rating	Total Area (ha)[#]	% of Study Area[#]
Excellent	63,395.59	61.14
Very Good to Excellent	4,132.22	3.99
Very Good	25,251.77	24.35
Good to Very Good	360.74	0.35
Good	10,168.58	9.81
Degraded	206.24	0.20
Cleared	174.21	0.17
TOTAL	**103,689.35**	**100**

[#] Minor discrepancies in areas are due to the cumulative effect of rounding

5.2.2.3 Threatened and Priority Ecological Communities

A review of the DBCA TEC and PEC database confirmed that no TECs are known to occur within the Pilbara region, while three PECs are known to occur within 50 km.

The vegetation recorded in the study area during the survey is not considered to be representative of any of these three PECs, as per the following rationale:

- Wona Land System:
  - Restricted to vegetation on the Wona Land System which does not occur within or close to the study area.
  - PEC is comprised of four communities (cracking clay open plain types) that do not align with the vegetation and landforms observed in the study area.
- Gregory Land System:
  - Restricted to vegetation on the Gregory Land System, occurring found 49 km west of the study area with no other extent within or close to the study area.
  - PEC occurs on linear dunes that do not align with the landforms observed in the study area.
  - The observed vegetation units do not align with the PEC vegetation.
- Mosquito Land System:
  - Restricted to vegetation on the Mosquito Land System which does not occur within or close to the study area.
  - PEC occurs on stony saline clay plains, which does not align with the soil types, geology or landforms observed within the study area.



Figure 16a - Vegetation Condition

Source: Google Satellite

FORT24001 12 November 2024



Figure 16b - Vegetation Condition

Source: Google Satellite



Figure 16c - Vegetation Condition

Source: Google Satellite

FORT24001 12 November 2024

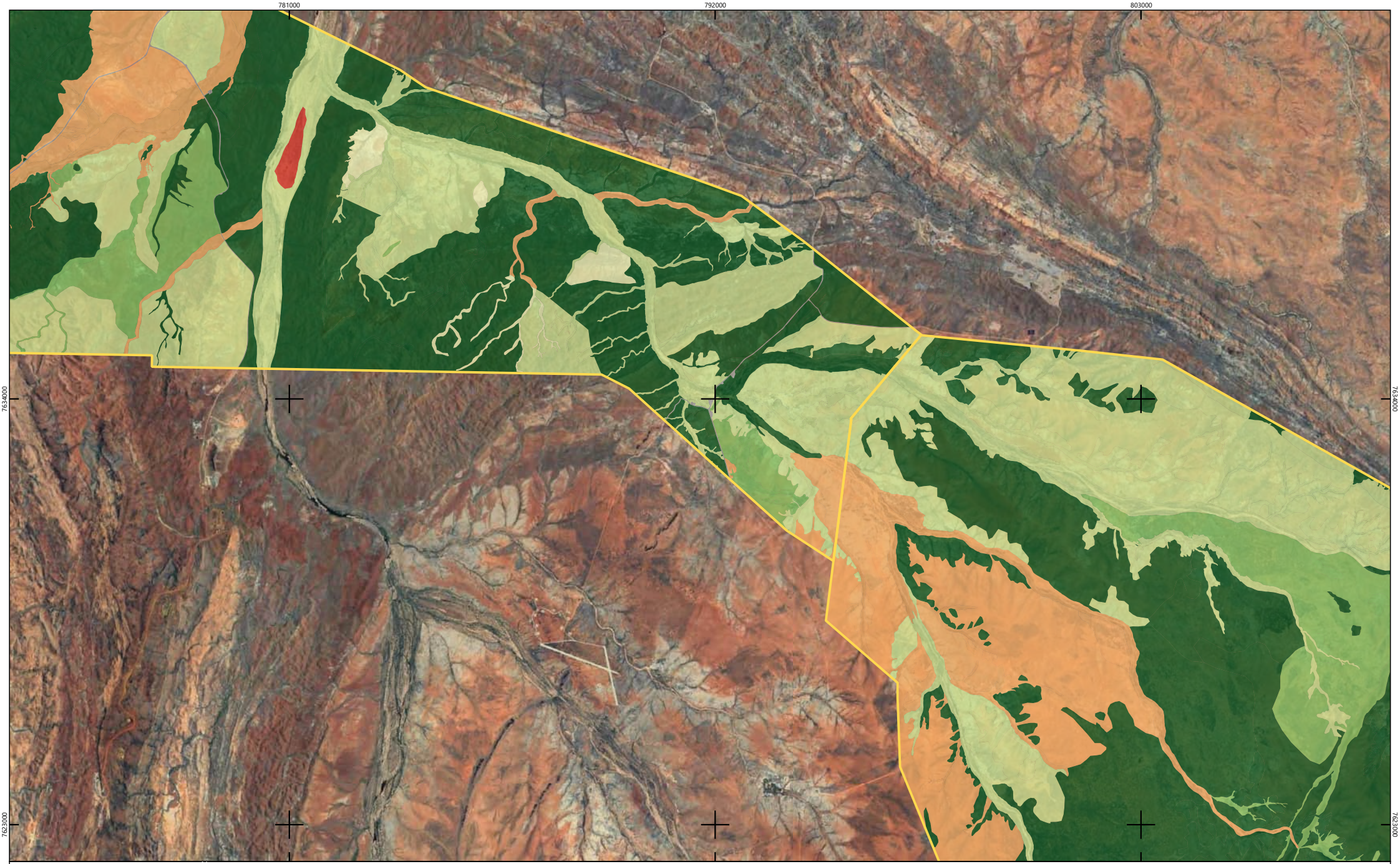


Figure 16d - Vegetation Condition

Source: Google Satellite

FORT24001 12 November 2024

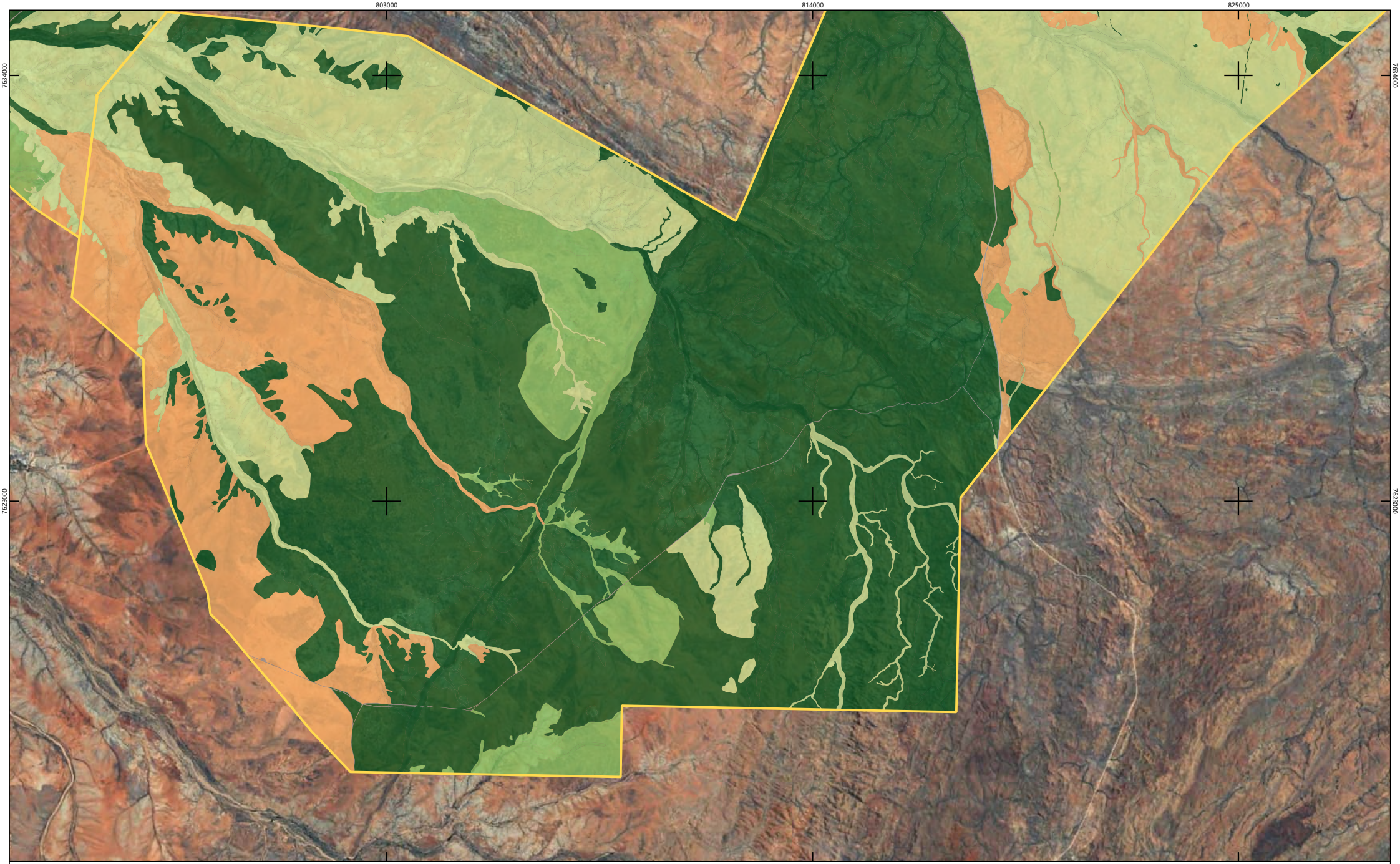


Figure 16e - Vegetation Condition

Source: Google Satellite

Source: Google Satellite

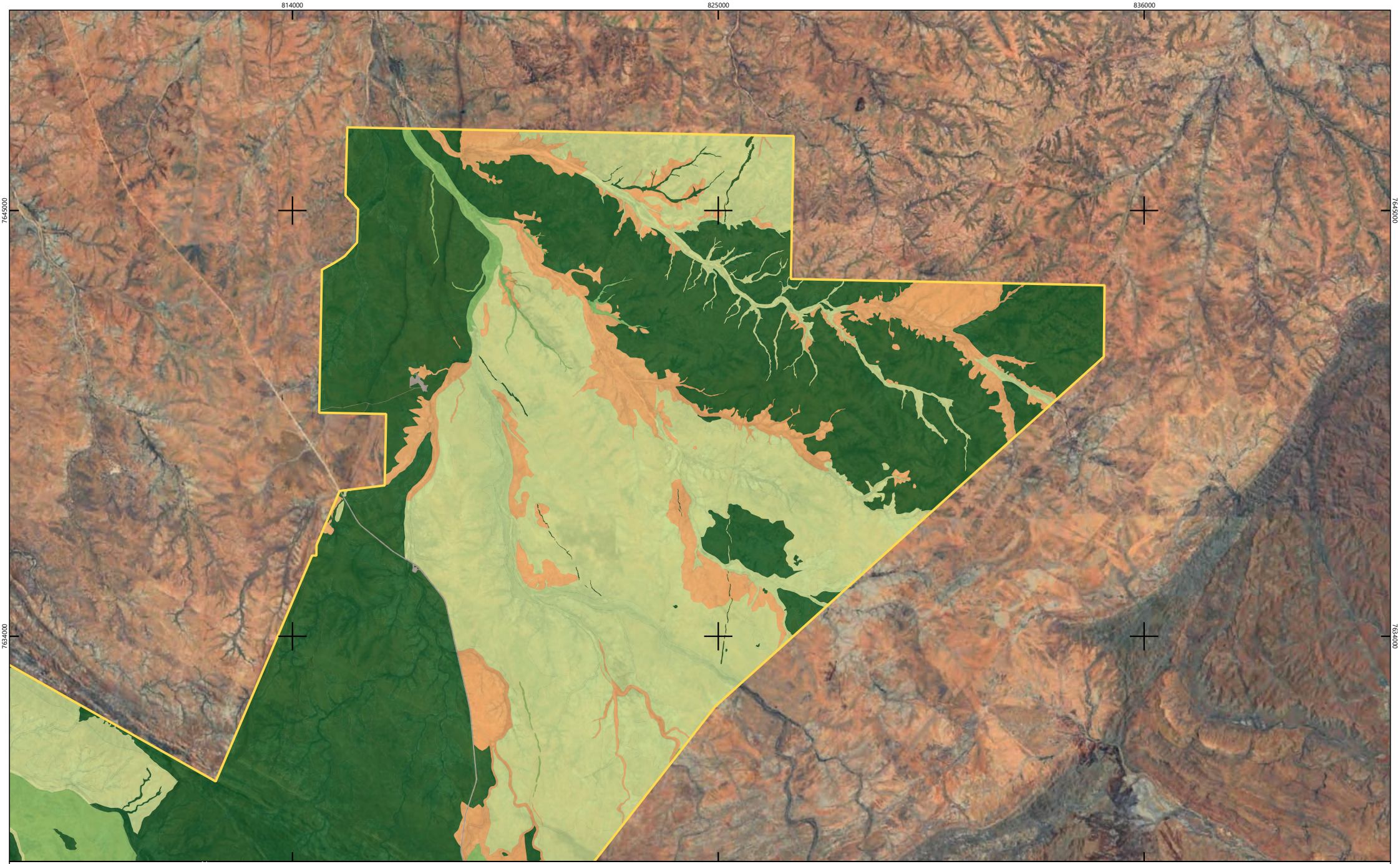


Figure 16f - Vegetation Condition

Source: Google Satellite

FORT24001 12 November 2024

6. DISCUSSION

6.1 FLORA

6.1.1 Recorded Threatened and Priority Flora

The following one Threatened and 11 Priority flora were recorded within the study area:

- *Quoya zonalis* (T)
- *Cochlospermum macnamarae* (P1)
- *Themeda* sp. Panorama (J. Nelson *et al.* NS 102) (P1) (previously recorded)
- *Josephinia* sp. Woodstock (A.A. Mitchell PRP 989) (P1) (previously recorded)
- *Euphorbia inappendiculata* var. *inappendiculata* (P2)
- *Gymnanthera cunninghamii* (P3)
- *Heliotropium murinum* (P3)
- *Phyllanthus hebecarpus* (P3)
- *Swainsona thompsoniana* (P3) (previously recorded)
- *Triodia basitricha* (P3) (previously recorded)
- *Bulbostylis burbidgeae* (P4)
- *Ptilotus mollis* (P4).

6.1.1.1 *Quoya zonalis* (T)

Quoya zonalis is commonly called Pilbara Foxglove and is one of only four species from the Pilbara bioregion to be recognised as Threatened (Shepherd and Hislop 2020). It is an erect, multi-stemmed shrub growing to 2 metres high and produces white to pale pink flowers in July to September (**Plate 1**). It is usually found on steep, rocky, sandstone conglomerate and granite slopes in skeletal, brown, sandy loam soils of the Capricorn Land System (Shepherd and Hislop 2020). The stems and branches have a dense indumentum of white, cream, or yellow, branched hairs. Leaves are opposite with petioles 10–30 mm long. It is easy to recognise due its height, the distinct colour of the leaves and the narrow rocky zones in which it grows (Shepherd and Hislop 2020).

Quoya zonalis is known from 24 WAH records occurring between Northern Star Operations and west of Nullagine, a distribution of approximately 120 km (WAH 1998-) (**Plate 2**). The desktop assessment returned 94 DBCA records [Ref: 12-05-24FL] and 5,443 Fortescue database records within 50 km of the study area. Of these, 2 Fortescue records occur within the western portion of the study area, recorded in 2015 (**Figure 10a**).

The species height and distinct leaf colour meant the species was visible from the helicopter when flying at low heights. A combination of aerial and foot transects were utilised in areas of suitable habitat to record the number of individuals. A total of 42 new records of *Quoya zonalis* were recorded during phases 1,2 and 5. Of the 42 records, 31 records (108 individuals) occurred in the study area within vegetation units AtAhTe, ElCpTb, ElGwTw and TcSpTl; and 11 records (36 individuals) were recorded less than 0.7 km south and 4.8 km west of the study area (**Figure 13a**). *Quoya zonalis* is likely restricted to the western portion of the study area, occurring predominantly on the Capricorn Land System, as all known records occur west of the Shaw River. Target searching for the *Quoya zonalis* were conducted east of the Shaw River, however produced no records. Several records phases 1 and 2 were recorded on the Granitic Land System, increasing the species known preferred habitat. Further transects in the Granitic Land System were surveyed in phase 5, targeting breakaways and suitable Quoya zonalis habitat, however no new populations were recorded, only additional individuals in a previously recorded population. Survey effort for *Quoya zonalis* is considered to be adequate, with all suitable habitat occurring within the study area surveyed either via helicopter or on foot by transects. It is considered unlikely that further populations of *Quoya zonalis* occur within the study area, with any further individuals likely to occur within existing populations or due to fire regeneration.



Plate 1 – ***Quoya zonalis;*** **Left – flower, Right – habit (Image credit – Megan Gray)**

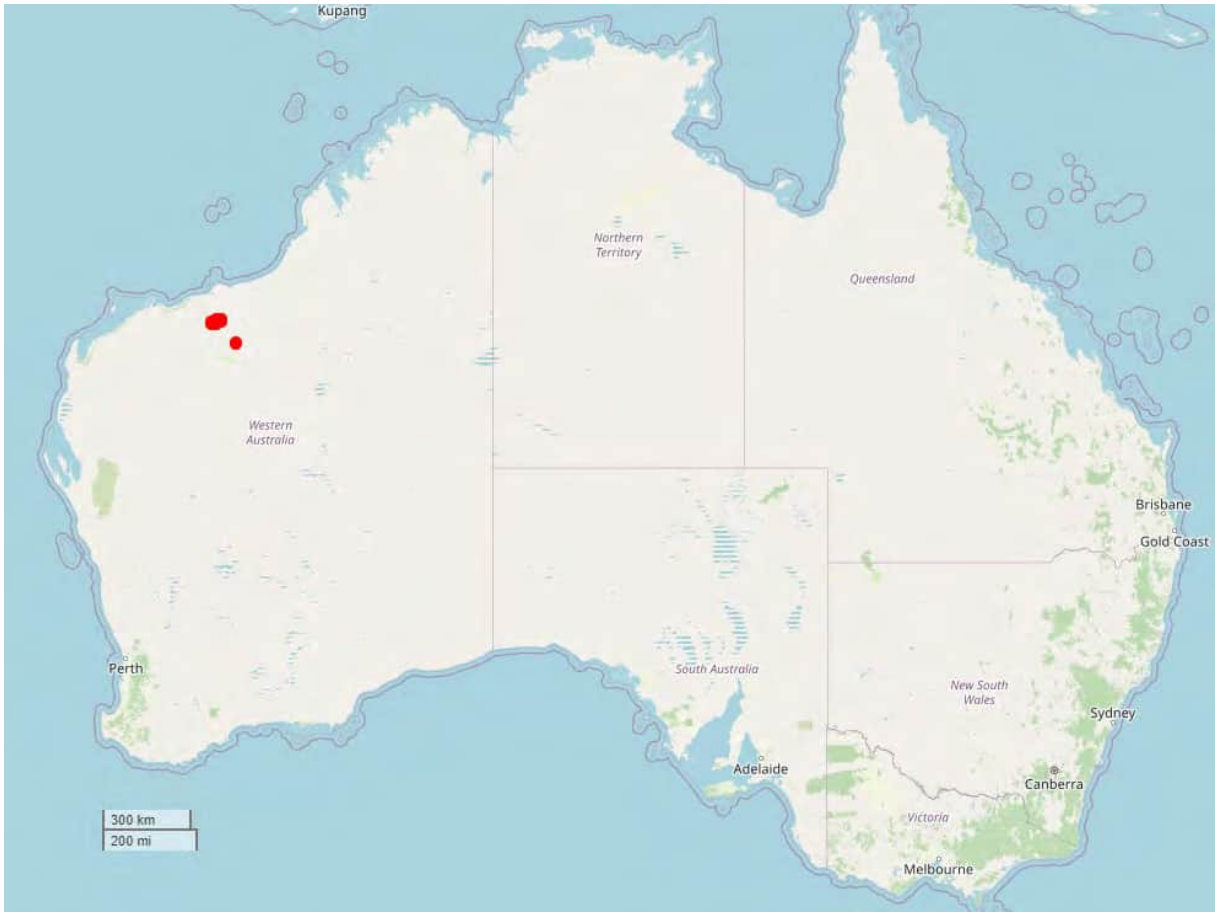


Plate 2 – ***Quoya zonalis*** **Known Distribution (ALA 2024)**

6.1.1.2 *Cochlospermum macnamarae* (P1)

Cochlospermum macnamarae was originally collected in September 2011 and was the first record of the genus in the Pilbara bioregion (WAH 1998-). It was found to be distinctly different to other *Cochlospermum* species due to the small flowers and especially the small, very deeply lobed leaves, normally associated with Pilbara plants (Hislop *et al.* 2013). *Cochlospermum macnamarae* is a spreading multi-stemmed shrub growing to 2 m high. It has very deeply lobed leaves and produces yellow flowers in September (**Plate 3**).

Cochlospermum macnamarae is known from 11 WAH records from Marble Bar and Nullagine over a distance of approximately 96 km (WAH 1998-) (**Plate 4**). Seven DBCA records occur within 50 km of the study area, with two records occurring within the western portion of the study area [Ref: 12-05-24FL].

The large spreading habit and yellow flowers meant the species was visible from a low flying helicopter and a combination of aerial and foot transects were utilised in areas of suitable habitat. A total of 128 individuals were recorded from two populations within the study area, during phases 1 and 2 (**Figure 13b**). Records were made from opportunistic observations, and sampling of quadrat 008. Both populations were recorded from vegetation unit AtAhTe, and were restricted to large, tall granite outcropping that contained a seam of quartz. It is considered likely that all plants from these populations were recorded. All similar landforms (granite outcropping) and preferred habitat within the study area were searched via low altitude helicopter and foot traverses, no further individuals were recorded, and it is unlikely that further populations will occur within the study area.



Plate 3 - *Cochlospermum macnamarae*; Left - flower; Right – habit (Photo credit – Megan Gray)

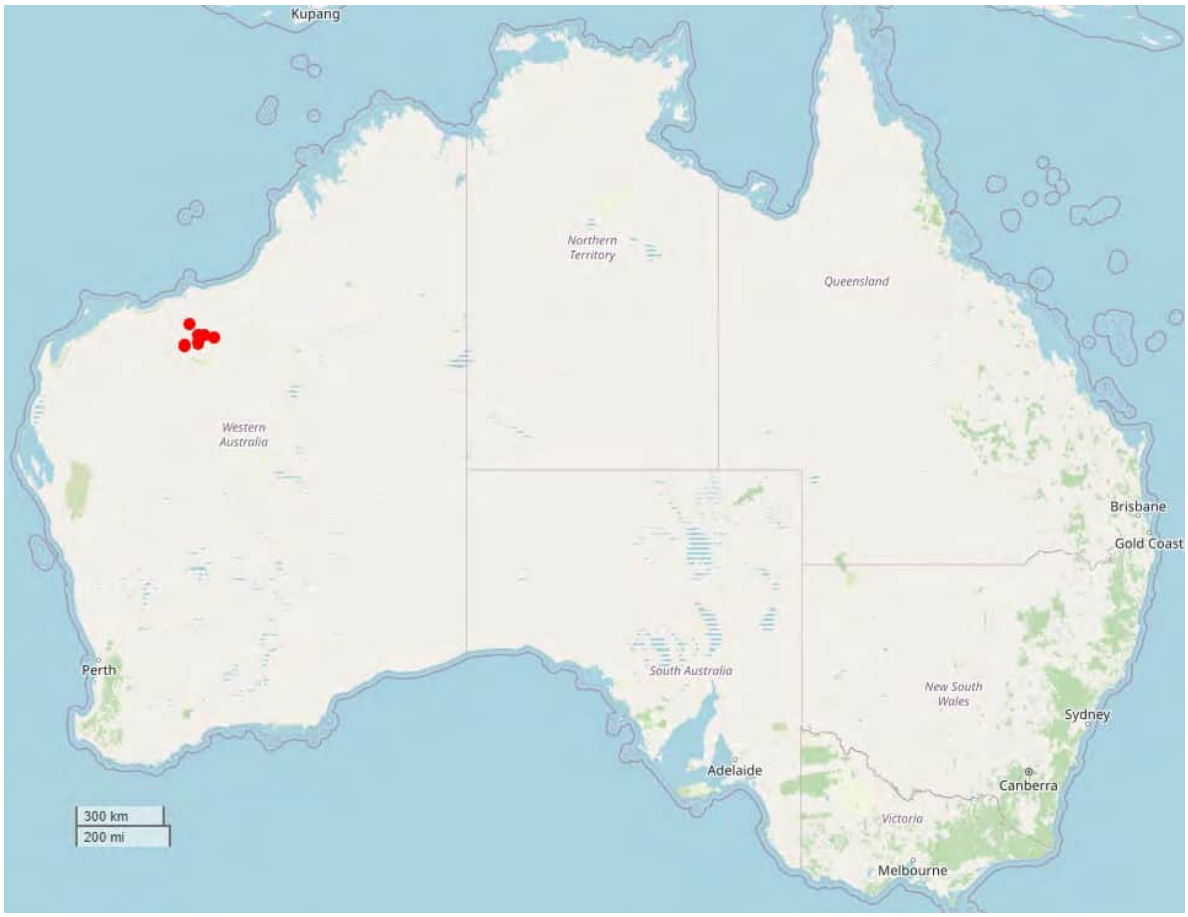


Plate 4 - *Cochlospermum macnamarae* Known Distribution (ALA 2024)

6.1.1.3 Themeda sp. Panorama (J. Nelson *et al.* NS 102) (P1)

Themeda sp. Panorama (J. Nelson *et al.* NS 102) (P1) is a large perennial tussock grass growing 0.7 to 1.2 m high. It grows in the shaded areas of ridges, typically on the Black Land System and high hill drainage in skeletal clay loam (WAH 1998-). The species is known from seven WAH records distributed across four locations over 75 km from Midgengadge Creek in the east to 15 km west of Sulphur Springs in the west (**Plate 5**). The desktop assessment returned 20 records (Fortescue flora database and Ref: 12-05-24FL), all occurring within the 50 km of the study area. One Fortescue record occurs within the western portion of the study area recorded in 2020 (**Figure 10** series). A recent survey conducted by Ecologia (2023) and recorded *Themeda* sp. Panorama (J. Nelson *et al.* NS 102) within the western portion of the study area in a tributary of Six Mile Creek.

Areas of suitable habitat in the ridges of the Black Land System and drainage lines were targeted and searched via foot transects. All 21 *Themeda* specimens collected during the surveys, were identified as *Themeda triandra* or *Themeda ?triandra.* Despite target searching and a quadrat in the locality of Fortescue's known record, the record could not be confirmed. Although no *Themeda* sp. Panorama (J. Nelson *et al.* NS 102) were recorded during the field the surveys, further occurrences are considered likely to occur within the same tributary as the previous known Fortescue record, along the high hill drainage line within vegetation units TcAtTe and EvMlTe.

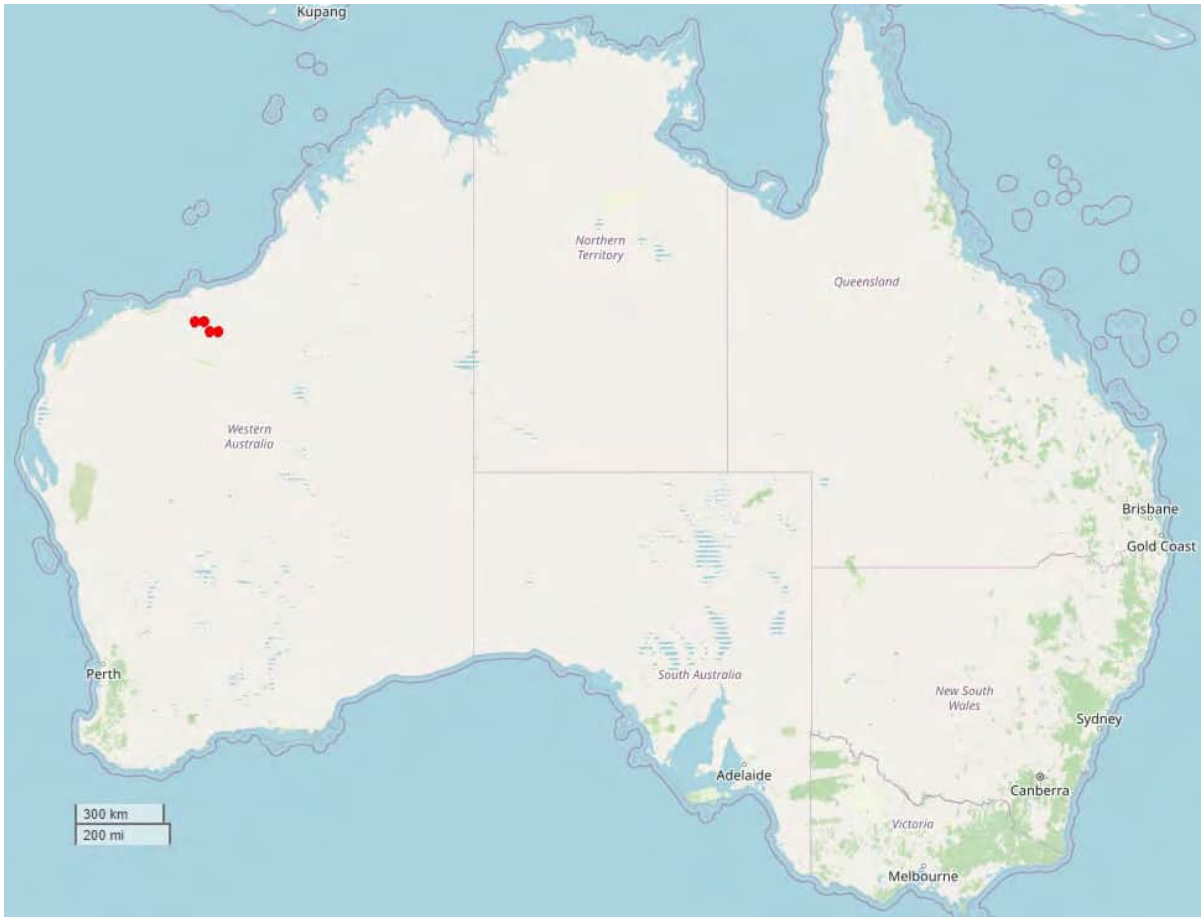


Plate 5 – *Themeda* sp. Panorama (J. Nelson *et al.* NS 102) Known Distribution (WAH 1998-)

6.1.1.4 *Josephinia* sp. Woodstock (A.A. Mitchell PRP 989) (P1)

Josephinia sp. Woodstock (A.A. Mitchell PRP 989) has been informally described as a small annual or biennial herb to herbaceous perennial shrub that grows up to 0.35 m in height. The species has been recorded with pink to violet flowers in April, May, June and November (WAH 1998-). Based of limited knowledge of the species preferred habitat *Josephinia* sp. Woodstock (A.A. Mitchell PRP 989) occurs on sandy and loamy soils associated with drainage and flow lines (WAH 1998-). However, the species as also been recorded on granitic landscapes.

Josephinia sp. Woodstock (A.A. Mitchell PRP 989) is known from seven WAH records distributed over 500 km from south of Marble Bar in the east to Lyndon in the west (**Plate 6**). The desktop assessment returned four records within 50 km of the study area, the closest occurs within the central portion of the study area, east of Eginbah Station in a flowline, recorded by Woodman (2019b).

Josephinia sp. Woodstock (A.A. Mitchell PRP 989) was not recorded during any of the five field surveys. Four collections of *Josephinia* were made over the duration of the surveys, however all were identified as non-conservation significant species. Prior to the phases 4 and 5, the DBCA point was not returned in previous desktop assessments conducted for phases 1-3, as a result targeted surveying could not confirm this record during this time. Phases 4 and 5 focused on previously unsurveyed areas within Eginbah Station and infill surveying in higher priority areas in the eastern and western portion of the study area and as a result the area around the DBCA record was not visited during phases 4 and 5. As a result, it is likely that further individuals of *Josephinia* sp. Woodstock (A.A. Mitchell PRP 989) may be present in flow lines in proximity of the DBCA record.

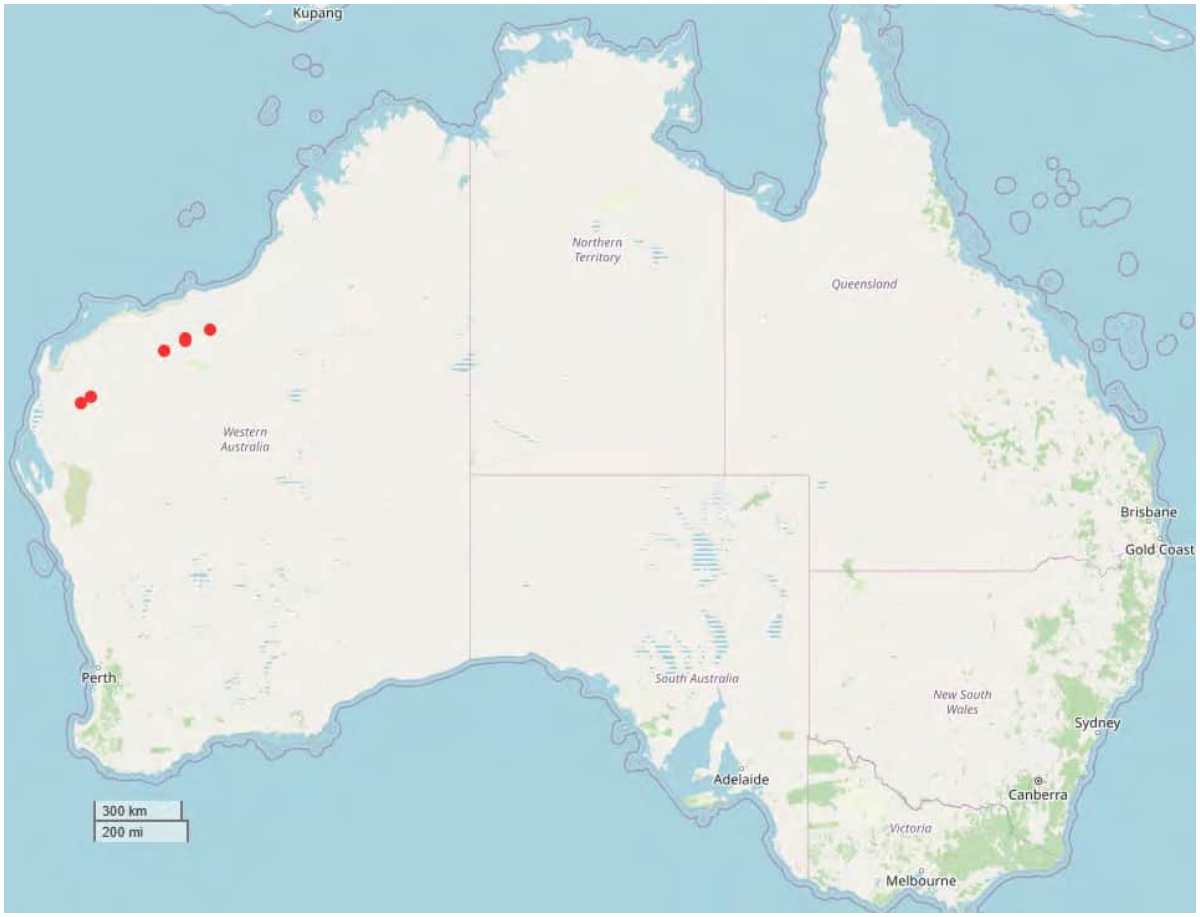


Plate 6 - ***Josephinia*** **sp. Woodstock (A.A. Mitchell PRP 989) Known Distribution (ALA 2024)**

6.1.1.5 *Euphorbia inappendiculata* var. *inappendiculata* (P2)

Euphorbia inappendiculata var. *inappendiculata* is an annual, prostrate herb growing to 0.1 m tall. The leaves are dark green above and light green below with light brownish green coloured stems (**Plate 7**). It is typically found on flats or gentle plains, cracking clay patches and orange-brown sandy loam, however one WAH collection (PERTH 09624015) was recorded amongst dolerite boulders on silty loam soil (WAH 1998-). Flowering occurs between July and August (WAH 1998-).

Euphorbia inappendiculata var. *inappendiculata* is known from 14 WAH records (**Plate 8**) (WAH 1998-). The desktop assessment returned three DBCA records [Ref: 12-05-24FL] within the desktop assessment area, two of which occur in the study area, recorded by FVC during phase 2 (**Figure 10** series). The species has a current known distribution from south of Pardoo to Newman, and from Onslow to Halls Creek; a distribution of 1350 km east to west (**Plate 8**)**.** The study area occurs within this species current known range, with most of the records occurring closest to the western portion of the study area.

Two records (totalling two individuals) of *Euphorbia inappendiculata* var. *inappendiculata* were recorded during phase 2 (**Figure 13b**). These were recorded within quadrats 104 and 109, in silty loam soil on a ridge of dolerite outcropping within vegetation unit Tw1 (Black Land System), and in silty clay soil on a quartz seam of vegetation unit CspTb (Talga system), respectively. *Euphorbia inappendiculata* var. *inappendiculata* was not observed during phases 3-5 despite 45 *Euphorbia* specimens collected, all were identified as common species. The two landforms where *Euphorbia inappendiculata* var. *inappendiculata* were recorded during phase 2 extend across the study area and is likely that further individuals may occur on areas of these landforms that have not been surveyed.



Plate 7 - ***Euphorbia inappendiculata*** **var.** ***inappendiculata*****; voucher specimen (FVC)**

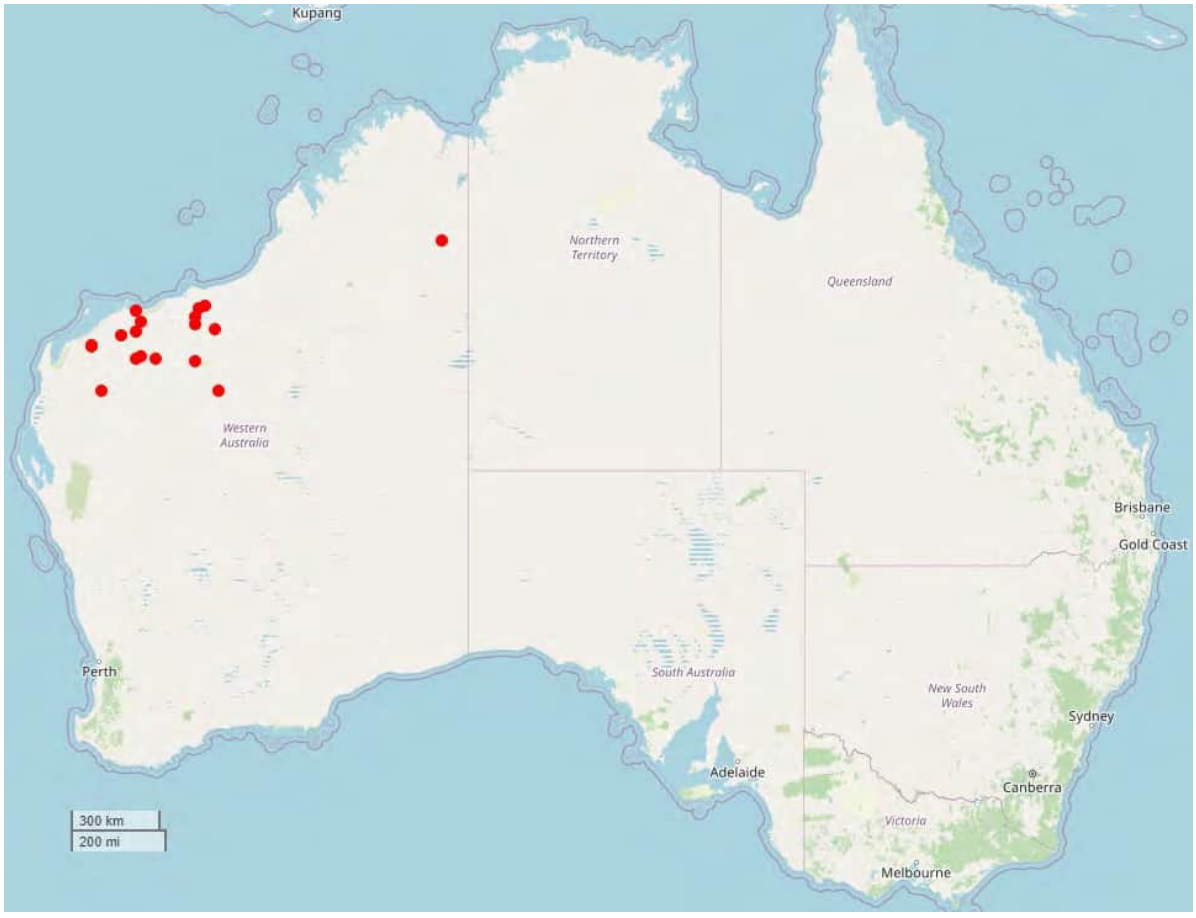


Plate 8 - ***Euphorbia inappendiculata*** **var.** ***inappendiculata*** **Known Distribution (ALA 2024)**

6.1.1.6 *Gymnanthera cunninghamii* (P3)

Gymnanthera cunninghamii s an erect shrub growing between 1 and 2 m in height and producing glossy, lime green leaves (**Plate 9**). The species produces cream to yellow or green flowers from January to December. *Gymnanthera cunninghamii* is typically found on sandy soils associated with drainage lines and creek banks (WAH 1998-).

Gymnanthera cunninghamii is known from 43 WAH and 1,156 ALA records. Its WA distribution extends from Walyarta Conservation Park in the north-east to Lake Macleod in the west, intersecting the study area (**Plate 10**) (WAH 1998-; ALA 2024). The desktop assessment returned 11 DBCA records and 54 Fortescue records within 50 km of the study area. No records occur within the study area, with the closest record occurring 22.5 km west of the study area (**Figure 10** series).

Gymnanthera cunninghamii was recorded during phase 4 within quadrat EP35 in vegetation unit EcMa (**Figure 13** series). The singular record occurred on the bank of a major tributary to the Coongan River drainage system. Whilst targeted searching was conducted in the immediate area of the record and further targeted searching via helicopter was conducting along a portion of the same drainage line (**Figure 8** series), no further individuals were recorded. It is likely however, that further individuals occur along the same tributary.

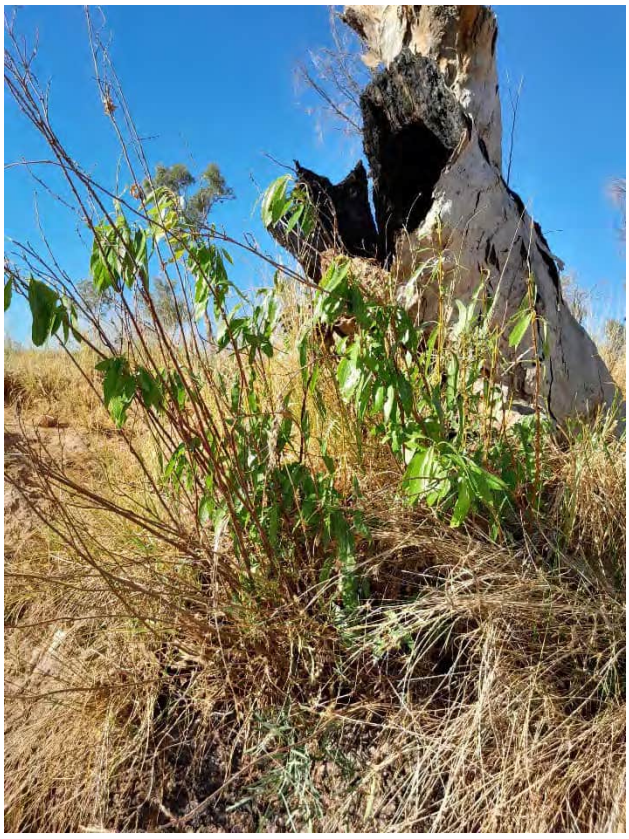


Plate 9 - ***Gymnanthera cunninghamii*** **habit (Photo credit - Sarah Beckwith)**

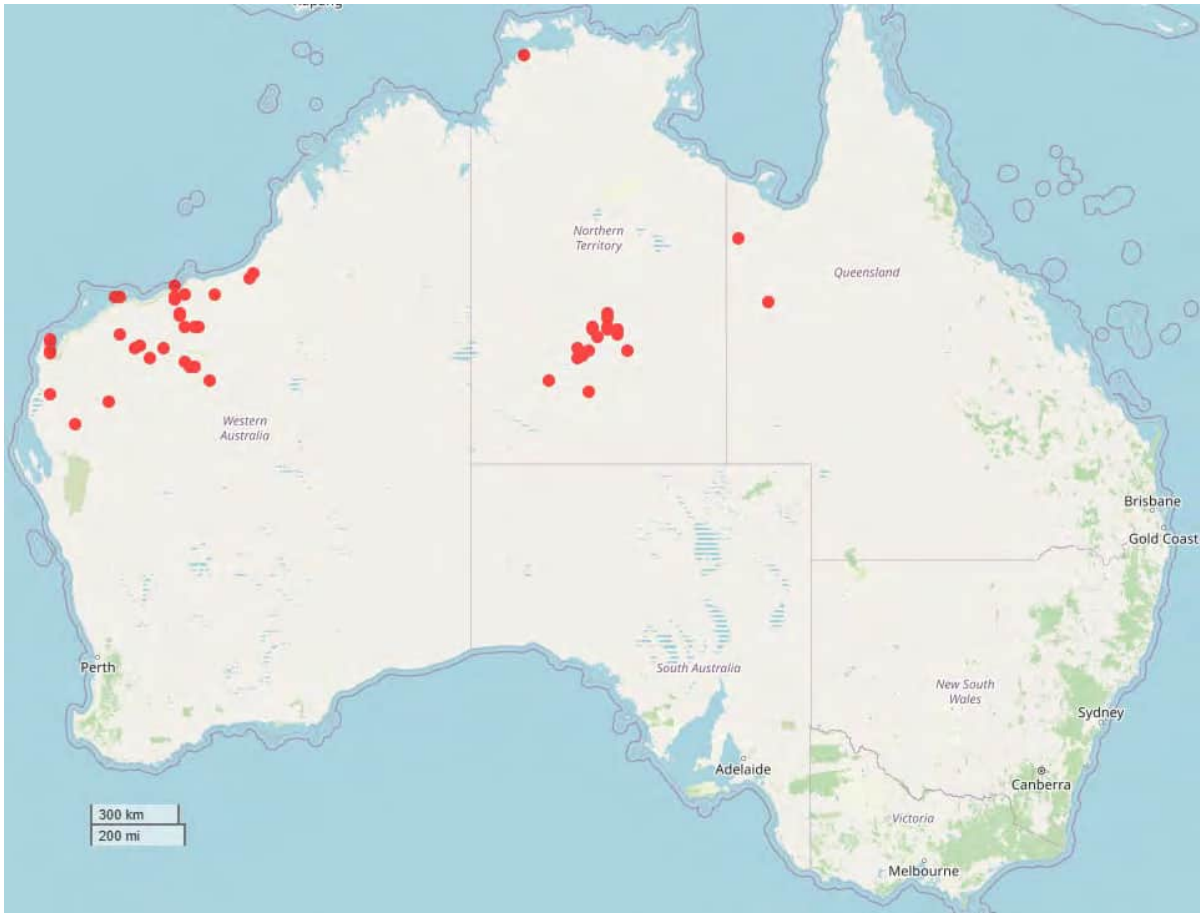


Plate 10 - ***Gymnanthera cunninghamii*** **Known Distribution (ALA 2024)**

6.1.1.7 *Heliotropium murinum* (P3)

Heliotropium murinum is a short-lived perennial herb growing from 0.2 m to 0.4 m high (**Plate 11**). The leaves have very prominent veins with tubercle-based hairs, and white flowers (Craven 1996). It has green hirsute foliage and specimens retain a mousy odour after drying. *Heliotropium murinum* is mainly found on sandy-clay floodplain, restricted to the Macroy Land System. The species is associated with *Triodia epactia* low closed shrublands and *Corymbia hamersleyana* woodlands on gentle slopes of red-brown sandy clay loam soils and quartz. Flowering typically occurs May to June or in September (WAH 1998-).

Heliotropium murinum is known from 22 WAH records and 32 ALA records. Its distribution extends 150 km between de Grey and north of Nullagine, intersecting with the study area (WAH 1998-; ALA 2024) (**Plate 12**). Nineteen DBCA records [Ref: 12-05-24FL] were returned in the desktop assessment with eight records occurring within the eastern portion of the study area on the Macroy Land System (**Figure 10** series). The species was recorded during all phases, both opportunistically and within quadrats (079, EP65, EP67, K27, MB019, MB027, MB038), totalling 432 records and 1,964 individuals (**Figure 13b**). All FVC records occur within the species known distribution on the Macroy Land System within vegetation units AiAaTe, AiCpTe2, AiCpTw, AsPfTl, AtTe and ChTl.

Due to the broad extent of these six vegetation units across the Macroy Land System within the study area, and the spread of individuals recorded across a distribution of approximately 21 km, it is likely further populations exist within the study area, restricted to the loamy sands of the Macroy Land System.



Plate 11 - *Heliotropium murinum*; Left – Flower; Right - Habit (Photo credit - Sarah Beckwith; Megan Gray)



Plate 12 - *Heliotropium murinum* Known Distribution (ALA 2024)

6.1.1.8 *Phyllanthus hebecarpus* (P3)

Phyllanthus hebecarpus is a procumbent to erect tomentose shrub growing 1 metre high and producing green-white flowers most of the year (WAH 1998-). This species often occurs on granite outcrops, on red sandy loam or skeletal brown sand (**Plate 13**).

This species is known from 9 ALA records in WA (233 records in total) and 8 WAH records within WA (WAH 1998-; ALA 2023). Its primary distribution is separated from the Western Australian population by the Great Sandy Desert (**Plate 14**) (WAH 1998-; ALA 2024). The desktop assessment returned 8 DBCA records and 7 Fortescue records [Ref: 12-05-24FL] within the desktop assessment area, predominantly to the west of the study area (**Figure 10** series). This species is classified as P3 within WA but is not conservation listed outside the State. The limited number of records within WA suggest little is known about the species distribution within WA, and its extent may be greater than currently recorded.

One DBCA record (one individual) occurs within the study area recording by FVC during phase 1, within quadrat 009 within vegetation unit AtAhTe. The specimen was recorded on loamy soil of Granitic Land System in the western portion of the study area (**Figure 13b**). Although the study area is within the known WAH (1998-) distribution of this species, this record is 40 km east and 50 km north of the two closest known records and fills a gap within this range.

During phase 2, out of season timing of the survey meant that the known *Phyllanthus hebecarpus* location recorded in phase 1 could not be relocated. Furthermore, new access restrictions during phase 3 meant that vegetation unit AtAhTe, where the species occurs, could not be targeted to record the full extent, and hence further occurrences within the study area are likely. During phase 4, three large transects and two further quadrats were added in within unit AtAhTe, however, no further records of *Phyllanthus hebecarpus* were recorded. Suitable rocky habitat exists within a heritage restricted area 0.7 km south of the *Phyllanthus hebecarpus* record, but this remains surveyed due to access restrictions. The presence of suitable habitat in close proximity to the known record is likely to support further individuals of *Phyllanthus hebecarpus.*



Plate 13 - *Phyllanthus hebecarpus*; voucher specimens (Left - FVC; Right - Kew)

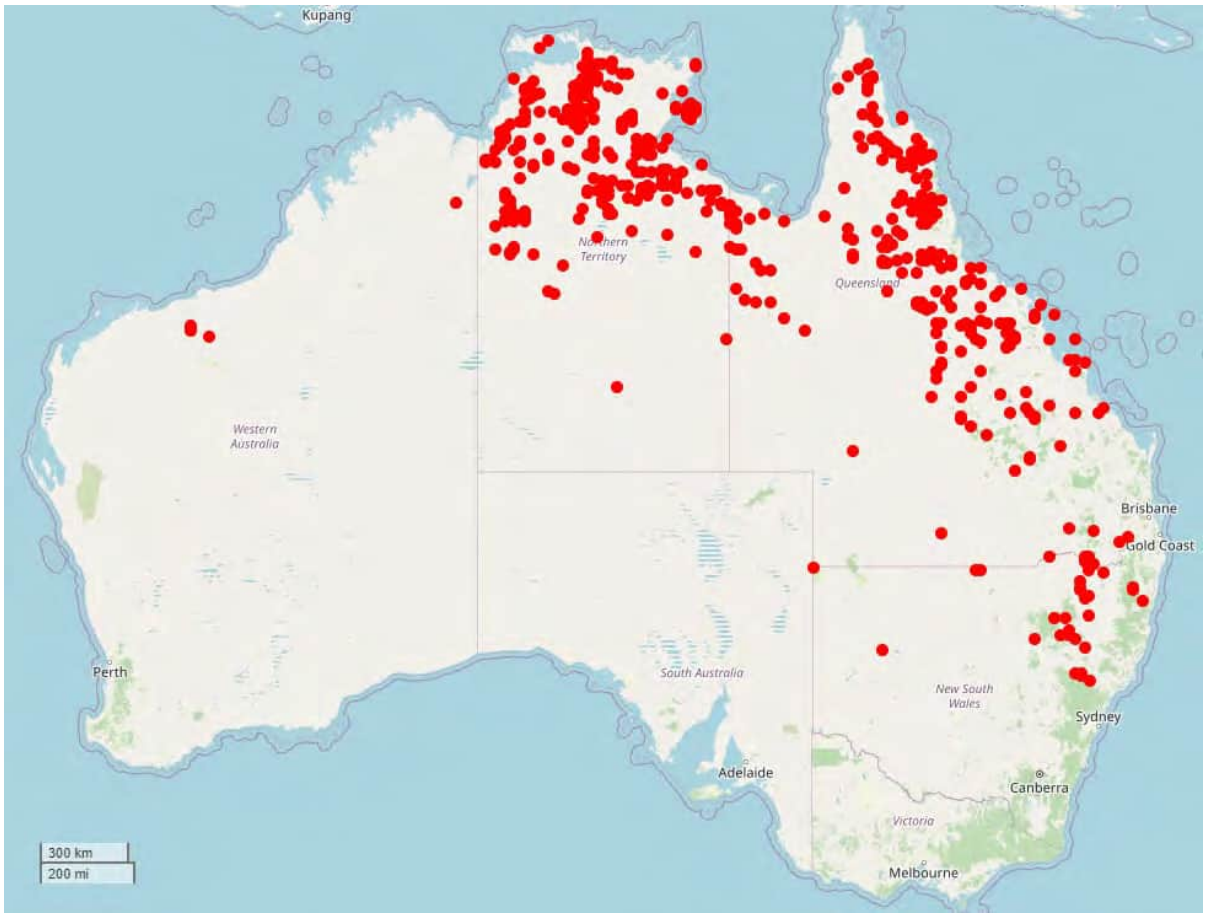


Plate 14 - *Phyllanthus hebecarpus* Known Distribution (ALA 2024)

6.1.1.9 *Swainsona thompsoniana* (P3)

Swainsona thompsoniana is described as a prostrate annual herb growing up to 0.1 m in height with 7-11 leaflets present. Little is known about the species flowering period, however collected specimens were in flower between August and September, with one specimen flowering in March (Davis and Hurter 2013). The species is known to occur on heavy clay soils of open floodplains, often associated with *Eremophila maculata* (WAH 1998-). *Swainsona thompsoniana* is known from 28 WAH records and 37 ALA records, distributed approximately 270 km from 50 km south of Karratha to Newman (**Plate 15**) (WAH 1998-; ALA 2024). No DBCA records occur within the desktop area, however, the desktop assessment literature review returned two individuals recorded at two locations within the study area, within Eginbah station, by Woodman (2016). These two records occur on the Satirist Land System.

Swainsona thompsoniana was not observed during the field assessments despite the survey of one quadrat (049) in proximity to the known records, and four additional quadrats (048, 050, 051 and AP01) and targeted search transects within suitable habitat in the Satirist Land System. It is likely that if the two Woodman (2016) records could be verified, further individuals may occur within the known population and surrounding floodplains within the Satirist Land System.



Plate 15 - ***Swainsona thompsoniana*** **Known Distribution (ALA 2024)**

6.1.1.10 *Triodia basitricha* (P3)

Triodia basitricha, also referred to as 'Pilbara Curly Spinifex', is a perennial hummock grass with weeping foliage growing up to 0.3 m high. It occurs on rocky hills, on gravelly, brown-red clay loam soils (WAH 1998-). The species is known from 43 WAH records from Meenthena Station to Barlee Range Nature Reserve, with a distribution extending 450 km and intersecting with the study area (WAH 1998-) (**Plate 16**). The desktop assessment returned 62 Fortescue records and five DBCA records within 50 km of the study area [Ref: 12-05-24FL]. Twelve Fortescue occurrences recorded in 2018 and 2020 within the Iron Bridge area have since been cleared (**Figure 10** series). The majority of records occur south of the western portion of the study area on a flat mesa landform within the Capricorn and Rocklea Land Systems, suggesting it prefers a refugial habitat. The desktop assessment literature review showed that a recent survey for Fortescue recorded *Triodia basitricha* within the study area (Ecologia 2023).

Despite quadrats 001, 002, K02, K03, MB001and MB002 occurring on the same landform, between 0.7 km and 4.3 km away from the closest record, *Triodia basitricha* was not observed during the fields assessments. Quadrat K02 and nearby targeted search transects occurred within close proximity to Ecologia's known record. Throughout the duration of all five surveys 186 *Triodia* specimens were collected, all of which were identified as common species. Six of these specimens were recorded within the six quadrats on the same landform known to support *Triodia basitricha.* Although *Triodia basitricha* was not recorded during the field surveys, further occurrences are considered likely to occur in vegetation unit ElGwTw, along the western boundary of the study area on the same landform as known records.

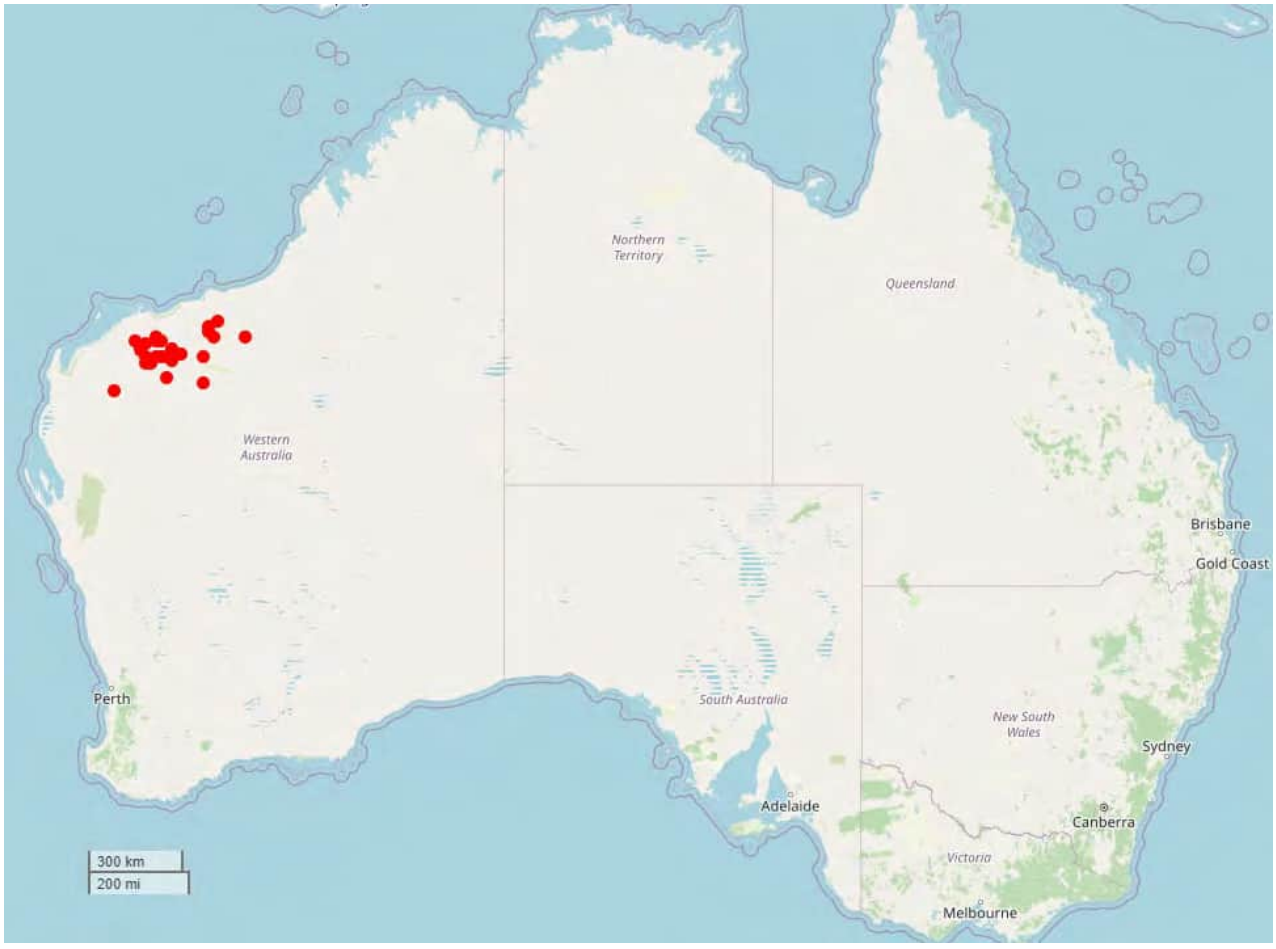


Plate 16 - ***Triodia basitricha*** **Known Distribution (ALA 2024)**

6.1.1.11 *Bulbostylis burbidgeae* (P4)

Bulbostylis burbidgeae is a tufted, spreading, grass-like sedge growing 0.1-0.2 m tall (WAH 1998-) (**Plate 17**). Spikelets are simple umbel or rarely solitary, including three stamens with long, hairy bracts (Wilson 1980). Occurs with open hummock grassland of *Triodia epactia*, alongside *Paspalidium* and *Cymbopogon* species. It grows on ridges, steep hills, and tracks with rocky granite outcrops and is relatively common on shaded overhangs or in brown clay loam (WAH 1998-).

It is known from 39 WAH records over a 200 km distribution from Port Hedland and north of Karijini (WAH 1998-) (**Plate 18**). The desktop assessment returned 20 DBCA records [Ref: 12-05-24FL] and 58 Fortescue records within the desktop area, four of which occur within the north-eastern portion of the study area (**Figure 10** series). Three of the DBCA records within the study area were recorded by FVC during phase 3.

Across all five surveys, a total of 12 records of *Bulbostylis burbidgeae,* totalling 401 individuals were made opportunistically and within MB044. All recorded individuals occur within the eastern portion of the study area, recorded during phase 3 in granite outcrops on the Macroy Land System in vegetation units AiAaTe, AiCpTw, GwCpTe and TcSpTl. An independent survey completed by FVC in 2024 recorded *Bulbostylis burbidgeae* within a stack of large granite domes that occur across the boundary of the study area (FVC 2024b). One DBCA record could not be confirmed due to access restrictions of occurring inside a heritage zone. Targeted searching was unsuccessful in observing the species on smaller granitic outcrops within the same land system or within the Granitic Land System. Hence, it seems likely that within the study area, *Bulbostylis burbidgeae* is largely restricted to occurrences of vegetation units AiAaTe, AiCpTw, GwCpTe and TcSpTl on the Macroy Land System, where large outcrops of large granitic domes occur.



Plate 17 - *Bulbostylis burbidgeae*; Left - Habitat, Centre - Habit, Right – Seed head (Photo credit – Megan Gray; FloraBase)

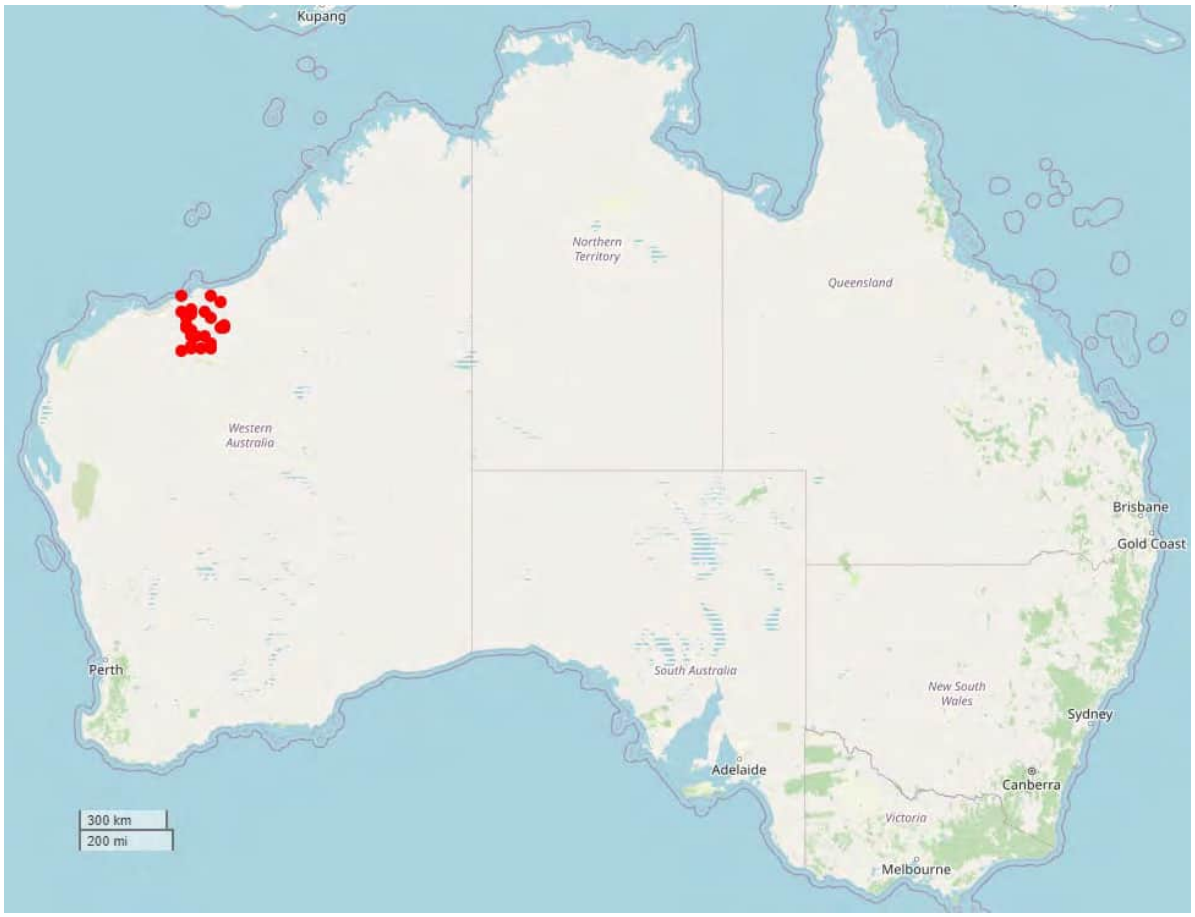


Plate 18 - *Bulbostylis burbidgeae* Known Distribution (ALA 2024)

6.1.1.12 *Ptilotus mollis* (P4)

Ptilotus mollis (P4) is a compact perennial shrub with soft grey and persistently hairy woody stem, growing to 0.5 m high (WAH 1998-). Leaves are hairy, 5-30 mm long, and 3-20 mm wide (**Plate 19**) (Benl 1970). Densely clustered flower spikes are white or pink in colour, in May or September. *Ptilotus mollis* occurs on stony hills and screes (WAH 1998-).

The species is known from 45 WAH records distributed across 650 km from Karlamilyi National Park to Cane River Conservation Park, intersecting the study area (WAH 1998-)(**Plate 20**). The desktop assessment returned 19 DBCA records [Ref: 12-05-24FL] and 201 Fortescue records within 50 km of the study area (**Figure 10** series).

One DBCA record occurs within the western portion of the study area, recorded by FVC during phase 1. A total of five records were made within the study area, during phases 1 and 2 (opportunistically and quadrat 011), totalling 81 individuals, within vegetation unit ElCpTb (**Figure 13b**). Records were primarily recorded via aerial searches as the species was generally recorded on steep, tall iron rich outcropping, inaccessible via foot. All suitable habitat within the study area was searched via helicopter, therefore additional records within the study area are unlikely.



Plate 19 - ***Ptilotus mollis*****; habit (Image credit – Megan Gray)**

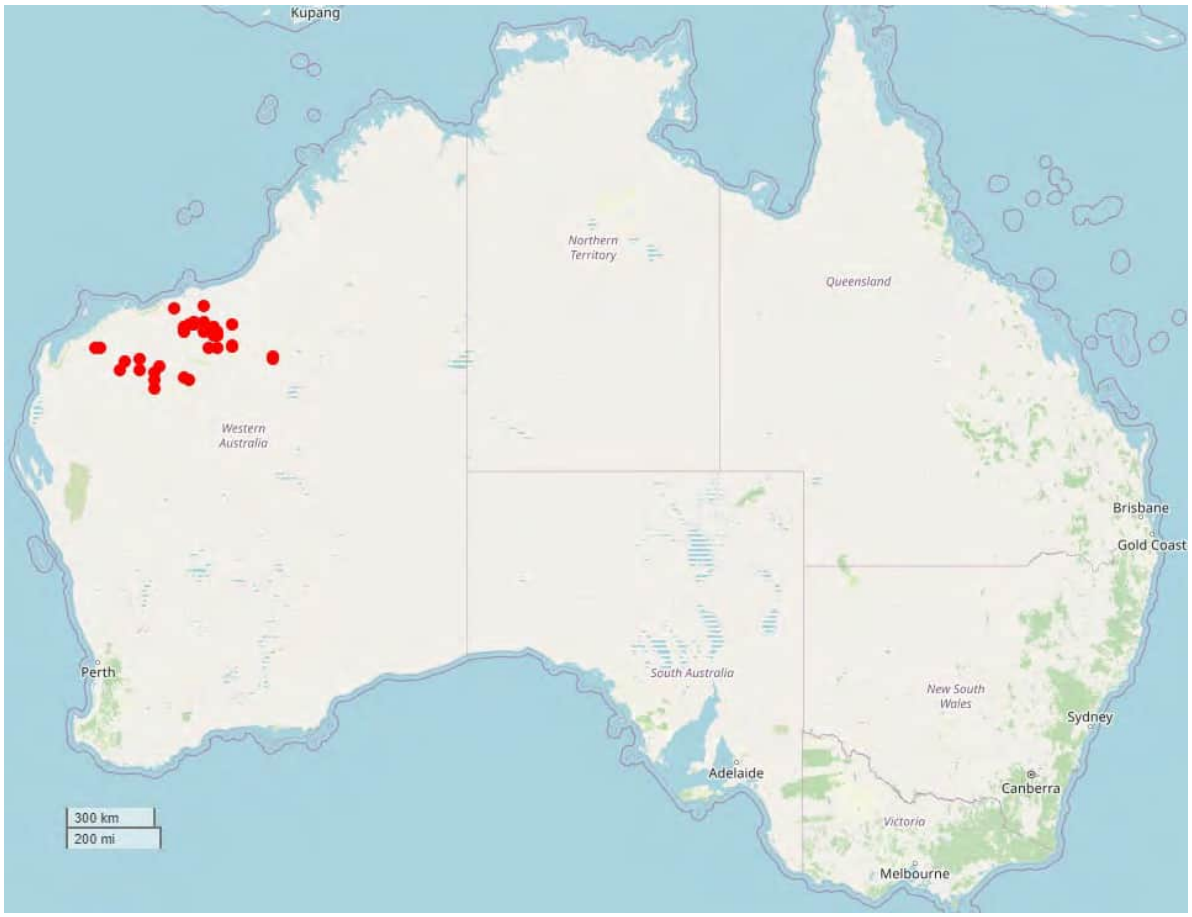


Plate 20 - ***Ptilotus mollis*** **Known Distribution (ALA 2024)**

6.1.2 Priority Flora Likely to Occur

Three Priority taxa identified by the desktop assessment as likely to occur within the study area were not recorded during the field assessments. These taxa are still considered likely to occur within the study area and are described below.

6.1.2.1 *Euploca mutica* (P3)

Euploca mutica is a low perennial herb or shrub growing up to 0.3 m tall. It grows in sandplains and flat plains on brown clayey sand, or orange-red sandy clay (**Plate 21**) (WAH 1998-). It is a green, scabrous herb or spreading shrub, leaves are small and ovate. Flowers are white with very short but stiff, spiny hairs, occurring between April to November. It has been observed by Woodman Environmental to respond to fire (Woodman 2018).

The species is known from 76 WAH records distributed 240 km between Sherlock River and east of Marble Bar, with the majority of records extending 140 km along the Great Northern highway from Port Hedland (WAH 1998-). The desktop assessment returned 26 DBCA and 208 Fortescue records (**Figure 10** series), the majority of which occur on the Macroy Land System.

Euploca mutica was not recorded during the field assessments, despite targeted surveying in suitable areas on the Macroy Land System (vegetation unit AiAaTe). Suitable habitat for this species covers approximately 16,700 ha within the north-eastern portion of the study area. Across all field assessments, all 43 collections of *Euploca* specimens were identified as non-Priority *Euploca* taxa. However, *Euploca mutica* remains 'likely to occur', as suitable habitat is present within vegetation unit AiAaTe that occurs within the same Macroy Land System as the three closest DBCA records occurring north of the study area. The species is expected to occur within the study area in vegetation unit AiAaTe typically north of the occurrence of the Talga Land System within the study area.

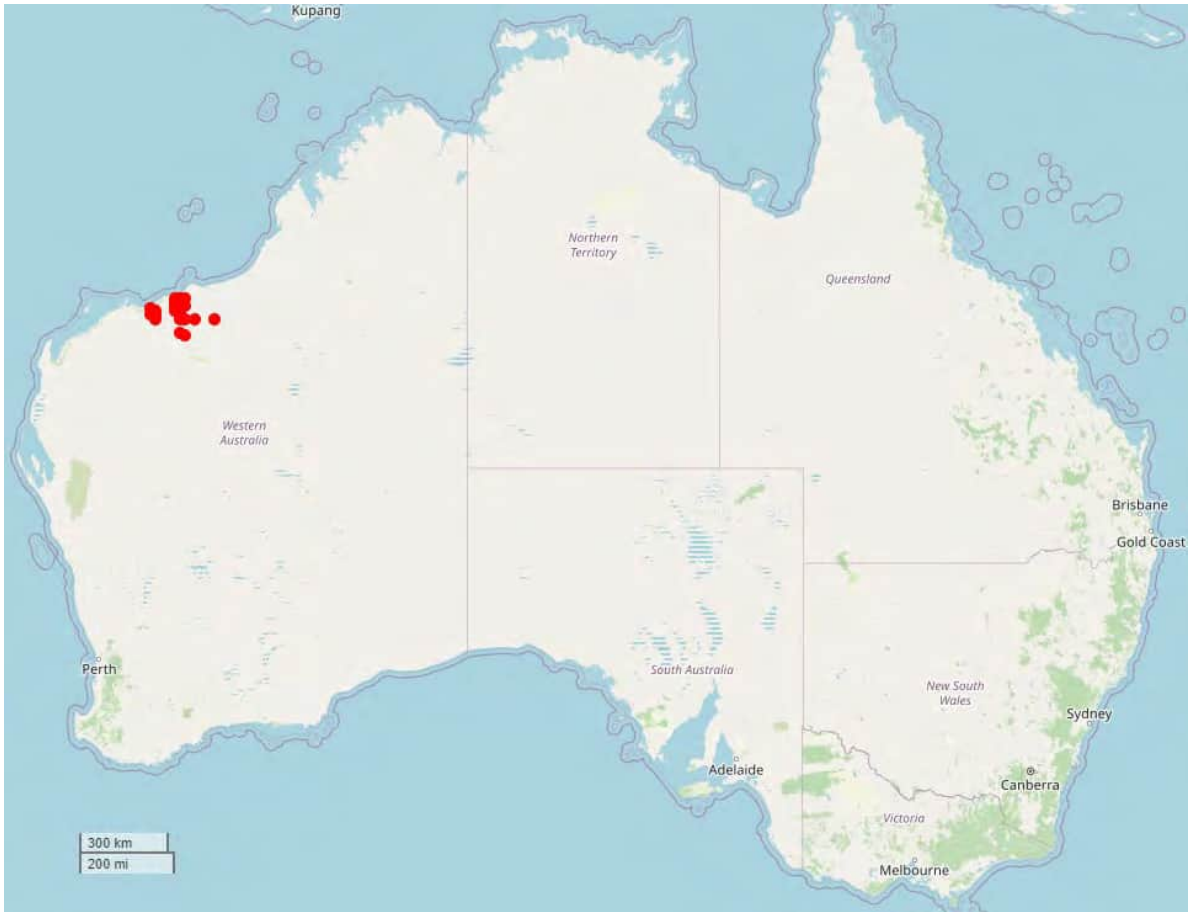


Plate 21 - *Euploca mutica* Known Distribution (ALA 2024)

6.1.2.2 *Nicotiana umbratica* (P3)

Nicotiana umbratica is an erect, short-lived annual or perennial herb, growing 0.3 – 0.7 m tall. Leaves are mostly cauline, broadly cordate to triangular with glandular hairs. Flowers are long tubular and white. Panicle-like inflorescence with some branching (Burbidge 1960; WAH 1998-). This species is similar in appearance to *Nicotiana caveola*, but distinguishable by its subterete, rather than broadly winged petioles (Government of South Australia 2010). It is known to occur in shallow soils of rocky outcrops (WAH 1998–).

The species is known from 18 WAH records and 40 ALA records with a WA distribution of 1,000 km from Lake Mackay to Karijini National Park (**Plate 22**) (WAH 1998-; ALA 2023). Fifteen DBCA records [Ref: 12-05-24FL] and 16 Fortescue records for *Nicotiana umbratica* were returned in the desktop assessment the closest record is a DBCA record occurring 0.7 km south of the central portion of the study area, along a gorge (**Figure 10** series).

A total of 16 *Nicotiana* specimens were collected across all five surveys in areas of suitable habitat, all of which were identified as common *Nicotiana benthamiana*, *N. bilybara* and *N. occidentalis.* One plot (AP04) was conducted in phase 4, in a gorge on the Capricorn Land System, 1.4 km north of the closest DBCA record and no *Nicotiana* species were collected. Further occurrences of the species are likely to occur in proximity to the closest DBCA record, as the same ridge landform as the DBCA record extends into the study area, supporting steep and deep gorges on the western side of the ridge suitable for *Nicotiana umbratica* (**Figure 10** series).

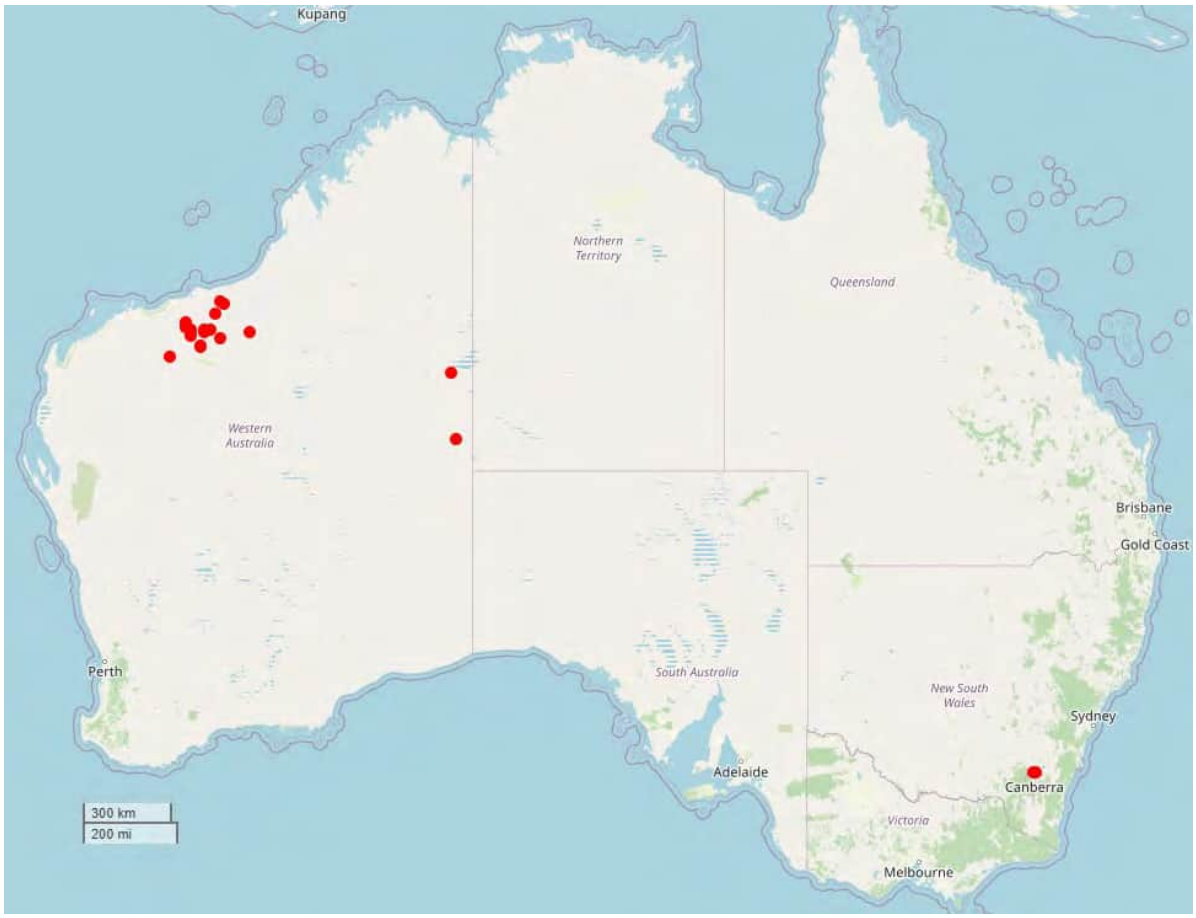


Plate 22 - *Nicotiana umbratica* Known Distribution (ALA 2024)

6.1.2.3 *Rothia indica* subsp. *australis* (P3)

Rothia indica subsp. *australis* is described as a prostrate annual herb growing up to 0.3 m in height with stems and leaves densely covered in simple hairs (WAH 1998-). Flowering is known to occur from April to August, producing yellow flowers. The species is known to occur on sandy soils of sandhills and sandy flats (WAH 1998-). *Rothia indica* subsp. *australis* is known from 22 WAH records, distributed within WA approximately 950 km from Lake Mackay to 65 km west of Nullagine, in four disjunct distributions (**Plate 23**). The desktop assessment returned four DBCA records and one additional Fortescue record occurring within 50 km of the study area, mostly on the Macroy Land System. Woodman (2016) recorded 255 individuals at 13 points all within the one locality on the Boolgeeda Land System, 0.8km south of the central portion of the study area, south of Eginbah Station, within an Atlas Iron tenement.

Rothia indica subsp. *australis* was not observed during the field assessments. Similar habitat to that of Woodman's known records occurs within the study area north of known records. Access restrictions to Atlas Iron's tenement, however, limited targeting searches within close proximity to known records. Despite 31 quadrats and multiple transect lines on suitable sandy soils on the Macroy Land System, *Rothia indica* subsp. *australis* was not observed. It is considered more likely for *Rothia indica* subsp. *australis* to occur within the study area on the Boolgeeda Land System, within vegetation unit AiSgTb where access was limited.

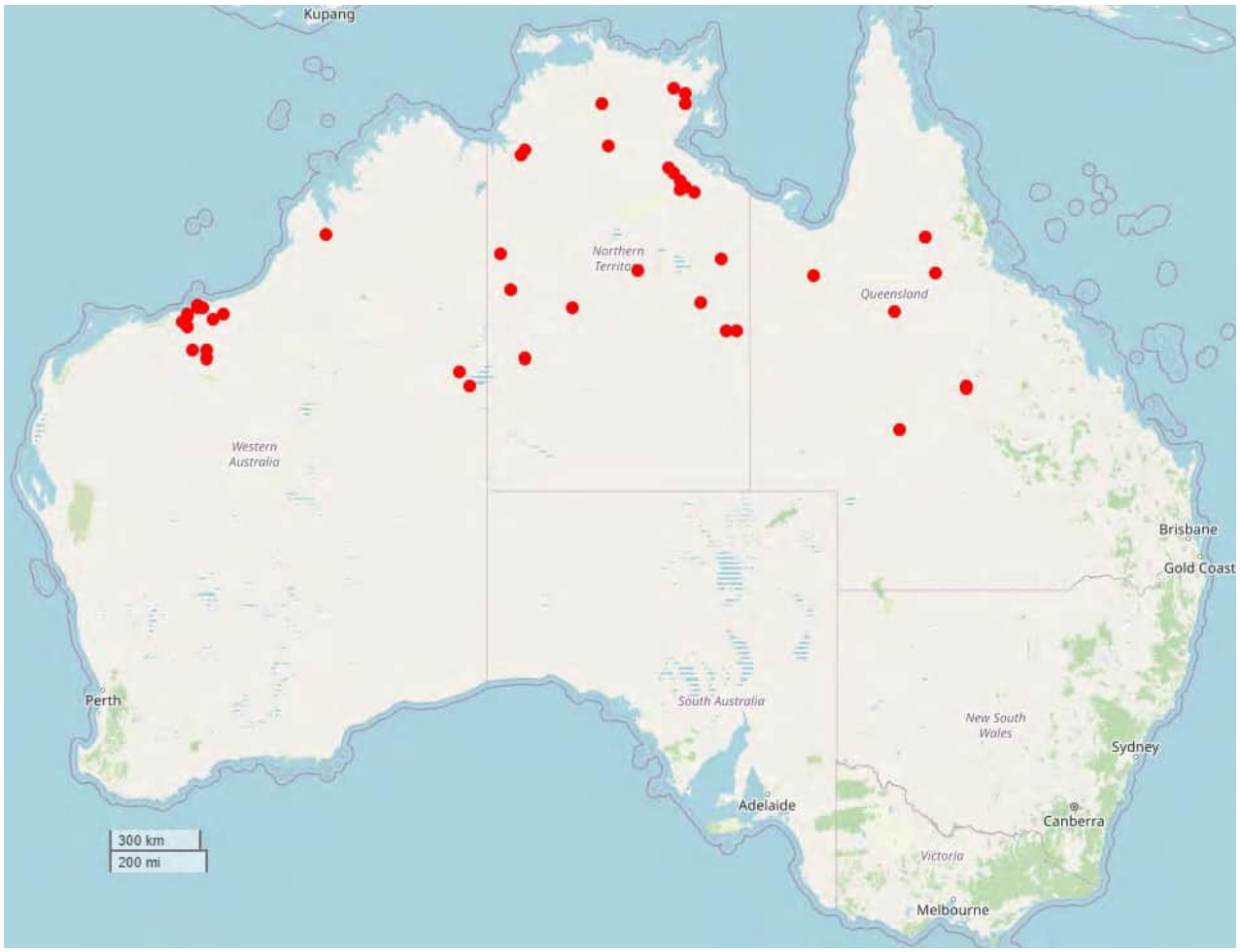


Plate 23 - *Rothia indica* subsp. *australis* Known Distribution (ALA 2024)

6.1.3 Range-Extending Flora

Of the recorded flora species, ten are occurring greater than 100 km beyond their currently documented range, as per current records of the WAH (1998-). A range extension is considered an expansion of the geographic area currently recognised to be occupied by a species. No distance is specified in published documentation by the WAH or EPA; and in the absence of this, it was considered for this study that any record more than 100 km from the closest known WAH record was a potential range extension listed in **Table 14**. The distance was calculated from the closest location recorded within the study area to known locations as per FloraBase and ALA. Of the ten species, one (*Stemodia kingii*) is considered to be exhibiting a range extension outside its known broad distribution. *Stemodia kingii* is a perennial herb, growing between 0.15 and 0.5 m in height and produces blue to purple and white flowers from January to February or April to May or August. The species is known from 32 WAH records and has not previously been recorded as far east as Marble Bar, with the most eastern records being approximately 65 km east of Port Hedland. One record of *Stemodia kingii* was recorded within quadrat EP35 in the central portion of the study area, within vegetation unit EcMa.

The remaining nine species have been omitted from discussion as the records of these species more likely represent gaps in survey efforts across the Pilbara region, rather than an actual extension in range.

6.1.4 Undescribed Flora Species

Sixteen of the recorded flora were identified as undescribed taxa, as per the WAH records (1998-), and these are listed in **Table 15**. Of these 16 species, two are considered significant undescribed flora species and are discussed below.

Josephinia sp. Mt Edgar Station (N.T. Burbidge 1194), is considered a significant undescribed species because it has only 13 previous WAH records (WAH 1998-), and has restricted distribution of 100 km in the Chichester subregion in the locality of Marble Bar, intersecting with the eastern section of the study area. *Josephinia* sp. Mt Edgar Station (N.T. Burbidge 1194) is described as a spreading shrub growing to 50 cm high with soft hairy leaves, round fruit covered by villous glandular hair and is commonly described as emitting an unpleasant odour (WAH 1998-). The plant produces pink to purple tubular flowers May, August to October. This species is known to grow in granite plain, granite outcrops or granite ridgelines on red-grey to red-brown gritty sand or sandy alluvial soils (WAH 1998-). A total of six individuals were recorded within the study area, opportunistically and in quadrats 095, K15, K22r, K2, K32 in vegetation units AiAaTe and EcMa.

Cucumis sp. Chichester Range (A.A. Mitchell *et al.* AAM 10691) is considered a significant undescribed species because it has only is known from five WAH records, from three general locations restricted to the Chichester subregion (WAH 1998-). The species distribution intersects the study area. Very little official information is known about the species' distinguishing features and it is described as a prostrate, perennial vine growing up to 0.6 m in height. Based on the little information from the five known records, the species has a preference for basalt rocky outcrops (WAH 1998-). One individual was recorded within the study area in quadrat EP54 during phase 4, within vegetation unit EvMlTe.

The remaining phrase-named species have been omitted from discussion, because although they are undescribed, they are not considered significant, due to being common to the Chichester IBRA subregion and represented by relatively abundant records.

6.1.5 Introduced Flora

Twenty introduced (weed) species were recorded within the study area, contributing to 3.37% of the species diversity. None of the recorded weed species are listed as WoNS. One DP, **Calotropis procera* was recorded within the study area (**Figure 14**, **Appendix K**).

**Calotropis procera* is a shrub or small tree growing up to 4 m tall and originates from Asia and sub-tropical parts of south-east Asia. The stems are smooth pale green-grey and have white milky sap. The species legal status under the BAM Act is 's22(2)'. Species under this category may be subject to control and keeping requirements within Western Australia. **Calotropis procera* has an unassigned control category and is in the exempt keeping category meaning 'no permit or conditions are required for keeping'.

In the study area, 154 individuals of **Calotropis procera* were recorded from 40 locations, on the plains and areas where there are impacts from grazing stock and run-off from seasonal rainfall. The species occurred in highest abundance in major drainage lines (associated with vegetation units AhAtTa, AiAaTe, AiAaTw, AiCpTb, AsPfTl, AtTe, ChTl, EcMa, EcTl, EvMlTe and Tw2 within the study area), which is a typical observation in arid regions and where livestock grazing is a major land use (DCCEEW 2022; DPIRD 2022b).

6.2 VEGETATION

6.2.1 Vegetation Units

PATN analysis identified 25 floristic groups, which were then analysed further based on factors such as dominant flora, vegetation structure, landforms, land systems and geology. A total of 41 vegetation units were defined, including 39 which occur within the study area (the remaining three vegetation units were defined from earlier phases of survey and occur outside of the current study area, and thus have been omitted from further discussion). Eight of these vegetation units are represented by a single quadrat, due to their limited extent within the study area, or they occur in areas where access was limited (in 2024 or at the time of all field surveys). These eight vegetation units (AaTw2, AeAmTe, ElCpTb, EvAtEb, EvCi, GwTw, TcSpTl and Ts) collectively represent 1.16% of the study area. Since additional sampling of these vegetation units within the study area was not possible, due to their limited extent or access limitations, emphasis was placed on ensuring that sampling was conducted across a wide geographical spread.

Numerous sites were sampled in the dominant land systems, Macroy (83 sites) and Rocklea (52 sites), which cover 52.41% and 27.37% of the study area, respectively. All land systems were sampled, however smaller land systems (Platform and Taylor), were sampled by only one quadrat each. These land systems, occur in areas of restricted access or are limited in their extent and distribution, representing a very small portion of the study area (0.51% and 0.09%, respectively).

Grouping of quadrats into vegetation units was initially indicative and based on groupings in the dendrogram. Statistical analysis did not definitively exhibit clearly differentiated vegetation units, with multiple vegetation units within the same or neighbouring clusters. This is expected, as similar landforms support suites of similar species that occur across multiple vegetation units, which are species typical of the Pilbara region.

Vegetation units were assessed for similarities in dominant species, vegetation structure, landform, land system, with consideration of disturbances (fire, weeds) which may influence floristic grouping. For example, sites 085 and EP41r grouped together despite only one native species (*Atalaya hemiglauca*) and two weed species (*Cenchrus ciliaris* and *C. setiger*) in common.

Mapping reliability within most of the study area is considered moderate, specifically in areas where access was not limited. Twelve vegetation units are defined by less than three quadrats, and six of these cover an area greater than 0.1% of the study area. Further samples of these units would provide greater mapping reliability, providing access is not limited.

Each of the four broad landforms which support the defined and mapped vegetation units are discussed in more detail in the following sections.

6.2.1.1 Drainage

Eleven vegetation units are considered riparian vegetation, associated with major, medium and minor drainage lines were identified within the study area (**Table 17**). Five vegetation units support dominant species indicative of GDV (EcMa and EcTl) and potential GDV (EvAtEb, EvCi and EvMlTe). Typically found on medium to major drains, these vegetation units are considered typical of Pilbara drainage. Each unit supports facultative phreatophytes *Eucalyptus camaldulensis* and/or *Eucalyptus victrix,* with one unit also supporting obligate phreatophyte *Melaleuca argentea* (**Table 17**).

Six vegetation units (AaTw2, AhAtTa, AtTe, ChAcTw, ChAtTe and TcAtTe) define minor drainage lines which generally support species such as *Corymbia hamersleyana*, *Acacia hemiglauca, Acacia arida* and *Acacia trachycarpa*. One minor drainage unit (TcAtTe), associated with greenstone geology on the Capricorn Land System is defined by the presence of *Terminalia circumalata*.

Drainage typically occurring on flatter topography (AtTe, AhAtTa, EcMa, EcTl, and EvMlTe) observed a higher presence of weeds, specifically **Cenchrus ciliaris* and/or **C. setiger* and the presence of shrubby weeds **Vachelia farnesiana, *Aerva javanica* and **Calotropis procera*. While upland drainage, typically rockier and less exposure to agriculture activities (AaTw2, ChAtTe, ChAcTw, EvAtEb, EvCi and TcAtTe) observed the presence of few to no weeds.

6.2.1.2 Hills

Eleven vegetation units (AeAmTe, AiCpTb, AiSgTb, AiTe, CcTe, CspTb, ElAtTe, ElGwTw, ElTlTb, Tw1 and Tw2) are associated with hills, typically on Rocklea, Capricorn, and Talga Land Systems (**Table 19**).

The hills of the Rocklea Land System are defined by three major vegetation units AiCpTb, AiSgTb, AiTe totalling 24,730.04 ha (23.85%) of the study area. Consisting of rocky undulating low hills with numerous flow lines throughout, these vegetation units are characterised *Acacia inaequilatera* over mixed sparse shrubs over *Triodia epactia Triodia brizoides and Triodia wiseana.*

Six vegetation units (CcTe, CspTb, ElAaTe, ElGwTw and ElTlTb) occur on tall hills and ridges associated with the Capricorn, Rocklea and Talga Land Systems, characterised by the presence of either *Eucalyptus leucophloia* and/or *Corymbia candida*.

One vegetation unit occurs on the hills of the Granitic Land System, AeAmTe. Covering 234.36 ha, this vegetation unit supports *Acacia orthocarpa, Acacia maitlandii* and *Acacia eriocarpa.* Two vegetation units defined by *Triodia wiseana* hummock grasslands occur on the low hills of the Black and Talga Land System.

6.2.1.3 Outcrop

Seven vegetation units are associated with rocky outcrops (AiCpTe1, AtAhTe, ChTe, ElCpTb, GwCpTe, GwTw, and TcSpTl) (**Table 17**), representing a total of 6,553.61 ha (6.33%) of the study area.

Vegetation unit AiCpTe1 occurs on low quartz outcropping on the Macroy and Granitic Land Systems. Supporting species such as *Corymbia hamersleyana*, *Acacia inaequilatera, Grevillea pyramidalis* subsp. *leucadendron* and *Grevillea wickhamii* subsp. *hispidula* and *Triodia epactia*, this vegetation differs in species composition from nearby plains.

Vegetation unit AtAhTe is associated with the Granitic Land System, consisting of low lying and outcropping granite. This vegetation unit supports *Acacia hilliana, Acacia tumida* var. *pilbarensis,* and *Triodia epactia.*

Vegetation unit ChTe is generally associated with the Black, Capricorn and Rocklea Land Systems, a series of linear ridges consisting of Proterozoic dolerite or basalt (Van Vreeswyk *et al.* 2004); however, on low ridges or foot slopes of these ridges where no rocky outcrops occur, vegetation is similar to the Plains (AiCpTe2). ChTe vegetation was also recorded in other land systems where outcropping of dolerite and basalt occur, generally in small, isolated patches (**Figure 15** series).

Vegetation ElCpTb was recorded on tall hills of the Capricorn Land System with Banded Ironstone Formation (BIF), supporting *Eucalyptus leucophloia, Corchorus parviflorus, Tribulus suberosus* and *Triodia brizoides*.

Vegetation units GwTw and GwCpTe are both associated with low granite outcrops on the Macroy Land System; although both are dominated by *Grevillea wickhamii,* GwCpTe supports a higher species richness and suite of herbs than that of GwTw.

Vegetation unit TcSpTl consists of granitic domes associated with the Granitic and Macroy Land Systems (Van Vreeswyk *et al.* 2004). This vegetation unit consists of species such as *Terminalia circumalata, Ficus aculeata* and *Triodia longiceps* (**Table 19**).

6.2.1.4 Plains

Ten vegetation units in the study area (AaGwTe, AbAlTe, AiAaTe, AiAaTw, AiCpTe2, AiCpTw, AmTe, AsPfTl, ChTl, Ts) are associated with plains and floodplains occurring associated predominantly with the Macroy Land System. Common species across these vegetation types include *Acacia bivenosa, Acacia inaequilatera, Grevillea wickhamii, Corymbia hamersleyana, Corchorus parviflorus, Indigofera monophylla, Pluchea ferdinandi-muelleri, Triodia epactia* and *Triodia wiseana.*

Vegetation units AiAaTe and AiCpTe2 occur throughout eastern portion of the study area, where the Macroy Land System is dominant. Within this area, vegetation units associated with flow lines and drainage occur (AiCpTw, AsPfTl and Ts) indicating a greater dependence on water availability. *Triodia secunda* was only recorded in one vegetation unit (Ts), within the floodplains of the Macroy Land System. AiCpTw generally occurs parallel to flow lines and differs from AiCpTe2 which supports isolated trees of *Corymbia hamersleyana*.

Vegetation unit AbAlTe occurs in a limited distribution on the plains of the Boolgeeda and Rocklea Land System. This vegetation unit consists of species such as *Acacia bivenosa, Acacia colei* var. ?*colei* and *Triodia epactia.*

Vegetation unit ChTl occurs on stony plains adjacent to hill landforms and drainage lines, associated with Macroy, Rocklea and Talga Land Systems and supports species typical of both hill vegetation and floodplains. Dominant species include *Corymbia hamersleyana*, *Triodia longiceps* and *Triodia wiseana.*

Vegetation units AaGwTe and AiAaTw occur on stony plains. AaGwTe is associated mainly with the Macroy and Rocklea Land Systems and AiAaTw is associated with the Boolgeeda and Rocklea Land Systems. Both vegetation units are dominated by *Acacia inaequilatera* and *Acacia acradenia*, however AaGwTe also consists of *Grevillea wickhamii* and *Triodia epactia,* while AiAaTw consists of *Triodia longiceps* and *Triodia wiseana.*

Vegetation unit AmTe occurs as isolated pockets on plains adjacent to hill landforms and drainage lines and is associated mainly with the Capricorn and Macroy Land Systems, and consist of species including *Acacia maitlandii, Acacia adsurgens, Triodia epactia* and *Triodia wiseana.*

6.2.2 Vegetation Condition

The majority (89.48%) of the vegetation of the study area was found to be in 'Very Good' to 'Excellent' condition. Overall, vegetation condition was found to range from 'Degraded' to 'Excellent'. Vegetation in 'Excellent' condition was observed on areas of rough terrain, associated with the Rocklea, Capricorn and Talga Land Systems, which are poorly accessible, or not accessible at all, to livestock. Some areas, particularly on the Capricorn Land System, have notable disturbance from mining exploration with numerous cleared tracks. Disturbances caused by exploration mining are restricted to the immediate cleared area and do not impact beyond the cleared areas with minimum weed incursion noted in these areas.

Areas of 'Good to Very Good' and 'Good' condition vegetation were generally observed in drainage areas assessable to cattle. These high disturbance areas typically occur on the plains near drainage lines. Although the majority of weed species were found to have established in major drains, the presence of wind dispersal species, particularly **Cenchrus ciliaris* and **Aerva javanica,* were noted to occur on landforms amongst the plains vegetation unit on the Black Land System and granite outcropping to the east, where seed dispersal by wind is more prevalent. Two areas of 'Degraded' condition were recorded in major drainage systems within the central portion of the study area. These major drainage lines support a ground cover dominated by multiple weed species and are areas where cattle congregate. Cattle contribute to the dispersal of weeds through their movement as seeds caught in hide are transported to waterways. The two major drainage areas support vegetation that is palatable for cattle and areas of intense grazing were observed on the banks of this landform.

6.2.3 Threatened and Priority Ecological Communities

The desktop assessment concluded that no TECs are known to occur within 50 km of study area. Three PECs (Wona Land System, Gregory Land System and Mosquito Land System) occur within 50 km of the study area, however none occur within or near the study area, and none of the characteristic land systems occur within the study area. Furthermore, the defined vegetation units do not align with any of the potentially occurring PEC vegetation. It can therefore be concluded that the study area does not support any currently defined TECs or PECs.

6.2.4 Groundwater Dependent Vegetation

Groundwater Dependent Vegetation requires access to groundwater on a permanent or intermittent basis to meet their water requirements. Due to the potential for groundwater reserves to be drawn down below the water table through mining activities, the presence of GDV is typically required to be identified for consideration as part of the environmental impact assessment process.

The currently accepted identifying features for GDV are the presence of obligate phreatophytic tree species along riparian systems, specifically *Melaleuca argentea*. In addition, potential GDV is considered to be comprised of vegetation that supports the facultative phreatophyte *Eucalyptus camaldulensis* and/or *Eucalyptus victrix*) (Maunsell 2006; Loomes 2010).

Within the study area, vegetation units EcMa and EcTl are considered to represent GDV due to the dominant presence of phreatophytic species, *Melaleuca argentea* and *Eucalyptus camaldulensis* and non-dominant presence of *E. victrix*. This vegetation unit occupies 3.46% (3,585.65 ha) of the study area.

Facultative phreatophytic species, *E. victrix* is also more regularly present in medium to minor drainage lines, and seasonally flooded areas (drainage flats/floodplains) adjacent to major drainage lines. Three vegetation units (EvAtEb, EvCi and EvMlTe) are dominated by *E. victrix* and are considered potential GDEs, that would be seasonally dependent on access to groundwater. These vegetation units occupy 1.96% (2,027.58 ha) of the study area.

In conclusion, five of the defined and mapped vegetation units of the study area, EcMa, EcTl, EvAtEb, EvCi and EvMlTe, are considered to represent confirmed or potential GDEs.

6.2.5 Sheet Flow Dependent Mulga

Some mulga are dependent on sheet flow surface water, and these habitats typically exhibit a high level of species diversity, particularly after significant seasonal rainfall, and are therefore of ecological significance and are an important consideration in the impact assessment process. Therefore, their definition and mapping is a focus of surveys in relevant regions. and regional significance.

Acacia aptaneura (a species that is part of the Mulga group) (Maslin and Reid 2012), was recorded at quadrat 10 (AiCpTb); however, this species was not found to be dominant, nor a characteristic species of this vegetation unit, and no characteristic banding is evident in aerial imagery. As a result, no sheet flow dependant mulga vegetation is considered to be present within the study area.

6.3 VEGETATION OF SIGNIFICANCE OR POTENTIAL SIGNIFICANCE

6.3.1 Internationally Significant Vegetation

Vegetation is of international significance where it:

- is part of, or within a 50 m buffer of a Ramsar Wetland of International Importance (DCCEEW 2023a).

6.3.1.1 Ramsar Wetlands

No Ramsar wetlands occur within the study area and therefore, none of the recorded vegetation is of significance due to this factor.

6.3.2 Nationally Significant Vegetation

The Vegetation is of National significance where it:

- is classified as a listed TEC of National (EPBC) significance
- supports a population of National (EPBC) significant Threatened flora, plus a 50 m buffer (where the vegetation in the buffer is continuous with the vegetation supporting the population).

6.3.2.1 Threatened Ecological Communities

No EPBC-listed TECs occur, nor are any likely to occur in the study area because no EPBC-listed TECs occur in the Pilbara. Therefore, none of the recorded vegetation is of significance due to this factor.

6.3.2.2 Threatened Flora

One EPBC-listed, Threatened (Endangered) flora (*Quoya zonalis*) species was recorded within the study area within vegetation units AtAhTe, ElCpTb, ElGwTw and TcSpTl. This species was found to occur particularly on granite, in vegetation occurring to the east of Shaw River, which is surrounded by volcanic metamorphic ridges. Therefore, the portions of vegetation units AtAhTe, ElCpTb, ElGwTw and TcSpTl where populations of *Quoya zonalis* occur, are considered nationally significant.

6.3.3 State Significant Vegetation

Vegetation is of State significance where it:

- is classified as a listed TEC of State significance
- intersects with a population of Threatened flora afforded protection under the BC Act
- is within a gazetted ESA.

Vegetation may be of State significance where it:

- occurs within the State-managed conservation estate (areas protected under the *Conservation and Land Management Act 1984*) or areas that have been formally recommended by DBCA for inclusion in the State conservation estate (EPA 2008)
- is part of or within a 50 m buffer of a State-listed Conservation Category Wetland.

6.3.3.1 Threatened Ecological Communities

None of the vegetation units recorded in the study area are representative of any State-listed TECs. There is only one State-listed (terrestrial) TEC for the Pilbara bioregion; '*Themeda* grasslands on cracking clays (Hamersley Station, Pilbara)', which is not supported within the study area. Therefore, none of the recorded vegetation is of significance due to this factor.

6.3.3.2 Threatened Flora

Portions of vegetation units AaGwTe, AtAhTe, ElCpTb, ElGwTw and TcSpTl are of State significance due to supporting populations of Threatened flora species, *Quoya zonalis*, see **Section 6.3.1.1**.

6.3.3.3 Gazetted ESAs

There are no gazetted ESAs present within the study area and therefore, none of the recorded vegetation is of significance due to this factor.

6.3.3.4 Conservation Estate

There are no areas (or areas recommended by DBCA for inclusion) within the State-managed conservation estate and therefore, none of the recorded vegetation is of significance due to this factor.

6.3.3.5 Conservation Category Wetlands

There are no Conservation Category Wetlands or their associated buffers present within the study area and therefore, none of the recorded vegetation is of significance due to this factor.

6.3.4 Regionally Significant Vegetation

Vegetation is of regional significance where it:

- is classified as a PEC listed by DBCA (DBCA 2023)
- intersects with a population of Priority flora listed by DBCA (DBCA 2022).

Vegetation may be of regional significance where it:

- has a restricted regional representation and/or distribution (EPA 2016b)
- plays a role in maintaining the function and ecological integrity of a significant ecosystem (EPA 2016b)
- plays a role as a refuge, either with distribution limited to restricted biotic or abiotic conditions that are also restricted regionally (e.g. mesas, sheltered gorges, breakaways, isolated hills, islands, GDEs, mound springs, permanent wetlands in arid areas, paleodrainage vegetation not yet affected by salinity)
- is represented by less than 30% (or 10% in constrained areas) of its pre-European extent (Commonwealth of Australia 2001).

6.3.4.1 Priority Ecological Communities

There are no PECs within the study area and therefore, none of the recorded vegetation is of significance due to this factor.

6.3.4.2 Priority Flora

Eight Priority flora were recorded by FVC within ten vegetation units (AiAaTe, AiCpTe2, AiCpTw, AsPfTl, AtAhTe, AtTe, ChTl, CspTb, EcMa, ElCpTb, GwCpTe, TcSpTl and Tw1), comprising one Priority 1 species, one Priority 2 species, four Priority 3 species and two Priority 4 species.

Portions of these vegetation units, where vegetation supports populations of Priority flora, are considered regionally significant.

6.3.4.3 Restricted Regional Representation and/or Distribution

Within each IBRA region, some regionally defined vegetation associations comprise a very small proportion of the vegetation associations within that region (Shepherd *et al.* 2002). Vegetation units are considered significant if they are poorly represented regionally. In order to gain a wider context for assessing the regional representation (and remaining extent of the vegetation units of the current study, as discussed further in the following section), each unit was also aligned with the broad, regional vegetation associations for the IBRA region, as described in (Shepherd *et al.* 2002).

Six vegetation associations, 82, 93, 171, 173, 587 and 619, as defined by Beard (1990) are found within the study area. These six vegetation associations account for 17.05% of the Pilbara region. The smallest association to occur within the study area covers 0.66% (118,116.78 ha) of the Pilbara region and is the 24th largest out of 88

vegetation associations occurring within the Pilbara region. All six vegetation associations are broadly distributed across the Chichester sub-region with association 82 broadly distributed across the Pilbara region.

The vegetation of the study area is not considered restricted in its regional representation or distribution, and therefore, none of the vegetation within the study area is of significance due to this factor.

6.3.4.4 Maintaining Important Ecological Processes

Two of the recorded vegetation units, EcMa and EcTl, are representative of GDV due to the presence of the obligate phreatophyte *Melaleuca argentea* and *Eucalyptus camaldulensis,* with vegetation units EvAtEb, EvCi and EvMlTe considered representative of potential GDV due to the presence of facultative phreatophyte *E. victrix*. (see **Section 6.2.4**). The interaction of groundwater and phreatophytes is an important ecological process, and GDV plays an important role in maintaining this process. Therefore, vegetation units EcMa, EcTl, EvAtEb, EvCi and EvMlTe may be considered regionally significant. These vegetation units occupy 5.42% (5,613.23) of the study area.

6.3.4.5 Providing a Role as a Refuge

Vegetation Unit EvCi was recorded within an isolated gorge not recorded elsewhere within the study area, which is likely restricted regionally. Vegetation present within this unit would be exposed to a unique suite of biotic and abiotic factors that are restricted in distribution by the tall hills of the Rocklea Land System.

Portions of vegetation unit AiAaTe, AiCpTw and TcSpTl support large domes of granitic boulders. This landform is restricted in distribution within the eastern portion of the study area and is likely regionally restricted to the portion of the Macroy Land System in which it was recorded. Notably, these landforms were the only location where *Bulbostylis burbidgeae* (P4) was recorded, and this is likely an indictor that these areas of vegetation are exposed to a combination of abiotic factors such as minerals, shade, water availability and refuge from fire.

In conclusion, vegetation units (or a portion of these), AiAaTe, AiCpTw, EvCi and TcSpTl may be of regional significance due to providing a role as a refuge.

6.3.4.6 Extent Remaining

The EPA's current objective to protect flora and vegetation so that biological diversity and ecological integrity are maintained (EPA 2016b) was identified in EPA Guidance Statement 33, as achievable by ensuring that ecological communities are maintained above certain threshold levels. These levels are considered to be 30% of the original extent in unconstrained areas, and 10% in constrained areas such as urban zones.

The study area is considered to be an unconstrained area and as such, the minimum retention target of 30% of the original pre-European vegetation extent applies. All of the vegetation associations within the study area far exceed the 30% retention threshold in a range of contexts; State, regional and local (**Table 4**); and therefore, the remaining extents meet the EPA objective of retention for the purpose of biodiversity conservation. Therefore, none of the vegetation units are significant due to this factor.

6.3.5 Locally Significant Vegetation

Vegetation may be of local significance where it:

- occurs as small, isolated communities (Government of Western Australia 2000; Del Marco *et al.* 2004)
- has a restricted local extent (proportion) (EPA 2016b) and/or distribution (locally restricted to only one or a few locations (Del Marco *et al.* 2004).

6.3.5.1 Small, Isolated, Restricted or Limited Communities

Vegetation units may be of conservation significance if they occur in small, isolated occurrences and/or are locally restricted to only one or a few locations, are limited to specific landform features, such as gorges, or are limited in their local extent and/or distribution.

Nine vegetation units (AaTw2, CcTe, ChTe, CspTb, EvCi, GwTw, TcAtTe, TcSpTl and Ts) are represented by less than 0.1% (50 ha) of the study area. Seven of these are associated with specific landforms and geology (basalt outcrops, gorges, granite domes etc.), upon which they rely, and which restrict their distribution. Each of these seven vegetation units also occur in either a single occurrence or as small, isolated occurrences. Vegetation unit Ts, although associated with a broad landform within the study area, was recorded in a single occurrence, isolating its extent and distribution. Therefore, these nine vegetation units may be considered locally significant.

6.3.6 Summary of Vegetation Significance

The significant vegetation units of the study area, along with the aspects determining their significance, are summarised in **Table 19**.

Table 19 - Summary of Vegetation Units with Potential Significance in the Study Area

Scale	Significance Aspect	Vegetation Unit/s
International Significance	Presence of Ramsar wetlands	-
National Significance	Populations of Threatened (EPBC listed) species	AtAhTe*, ElCpTb*, ElGwTw* and TcSpTl*
	Presence of EPBC listed TECs	-
State Significance	Presence of State-listed Threatened flora	AtAhTe*, ElCpTb*, ElGwTw* and TcSpTl*
	Presence of State-listed TECs	-
	Presence of gazetted ESAs	-
	Land within the Conservation Estate	-
	Presence of Conservation Category Wetland and it's buffer	-
Regional Significance	Presence of Priority flora	AiAaTe*, AiCpTe2*, AiCpTw*, AsPfTl*, AtAhTe*, AtTe*, ChTl*, CspTb*, EcMa*, ElCpTb*, GwCpTe*, TcSpTl* and Tw1*
	Presence of PECs	-
	Having a restricted regional representation and distribution	-
	Role in maintaining an important ecological process	EcMa, EcTl, EvAtEb, EvCi, and EvMlTe
	Providing a role as a refuge	AiAaTe, AiCpTw, EvCi and TcSpTl
	Represented by less than 30% of the pre-European extent	-
Local Significance	Small, isolated communities of limited extent and/or distribution	AaTw2, CcTe, ChTe, CspTb, EvCi, GwTw, TcAtTe, TcSpTl and Ts

Note: * Denotes portions of vegetation units

7. CONCLUSIONS

The key results and conclusions from the detailed flora and vegetation survey of the EPGH study area are as follows:

- The following one Commonwealth and State listed Threatened flora species, and eight DBCA-listed Priority flora were recorded within the study area:
    - *Quoya zonalis* (Threatened)
    - *Cochlospermum macnamarae* (P1)
    - *Euphorbia inappendiculata* var. *inappendiculata* (P3)
    - *Gymnanthera cunninghamii* (P3)
    - *Heliotropium murinum* (P3)
    - *Phyllanthus hebecarpus* (P3)
    - *Bulbostylis burbidgeae* (P4)
    - *Ptilotus mollis* (P4).
- Twenty introduced (weed) species were recorded within the study area, contributing to 3.37% of the species diversity. No recorded weed species are listed as WoNS (Weeds Australia 2022). One recorded weed species, **Calotropis procera*, is listed as a DP plant under the BAM Act.
- The vegetation condition of the study area was found to range from 'Degraded' to 'Excellent' condition, with most areas in 'Very Good' to 'Excellent' condition (89.48%).
- The study area was found to support the following 39 vegetation units categorised into four broad landforms:
    - Drainage (AaTw2, AhAtTa, AtTe, ChAcTw, ChAtTe, EcMa, EcTl, EvAtEb, EvCi, EvMlTe, TcAtTe)
    - Hills (AeAmTe, AiCpTb, AiSgTb, AiTe, CcTe, CspTb, ElAtTe, ElGwTw, ElTlTb, Tw1, Tw2)
    - Outcrops (AiCpTe1, AtAhTe, ChTe, ElCpTb, GwCpTe, GwTw, TcSpTl)
    - Plains (AaGwTe, AbAlTe, AiAaTe, AiAaTw, AiCpTe2, AiCpTw, AmTe, AsPfTl, ChTl, Ts).
- No TECs or PECs occur within the study area.
- Vegetation units EcMa and EcTl are considered to represent GDV due to the presence of obligate phreatophyte *Melaleuca argentea*. The total area of this vegetation unit mapped in the study area is 3,585.65 ha (3.46%).
- Vegetation units EvAtEb, EvCi and EvMlTe are considered to represent potential GDV due to the presence of facultative phreatophyte, *Eucalyptus camaldulensis* and *E. victrix*. The total area of these vegetation units mapped in the study area is 2,027.58 ha (1.96%).
- Several of the recorded vegetation units within the study area (or portions of these units) have been determined to be or potentially be of significance, and worthy of further consideration in the impact assessment process, as follows:
    - Portions of the following vegetation units may be considered to be of National and State significance:
        - AtAhTe, ElCpTb, ElGwTw and TcSpTl, due to supporting the Threatened flora species *Quoya zonalis.*
    - Portions of the following vegetation units may be considered to be of regional significance:
        - AiAaTe, AiCpTe2, AiCpTw, AsPfTl, AtAhTe, AtTe, ChTl, CspTb, EcMa, ElCpTb, GwCpTe, TcSpTl and Tw1, due to supporting Priority flora
        - EcMa, EcTl, EvAtEb, EvCi, and EvMlTe, due to playing a role (or potential role) in an important ecological process (as GDV)
        - AiAaTe, AiCpTw, EvCi and TcSpTl, due to providing a role as a refuge
    - The following vegetation units may be considered to be of local significance:
        - AaTw2, CcTe, ChTe, CspTb, EvCi, GwTw, TcAtTe, TcSpTl and Ts, due to occurring as small, isolated communities of limited extent and/or distribution.

8. LIST OF PARTICIPANTS

The FVC personnel who contributed to the project are summarised in **Table 20**.

Table 20 - Project Team

Name	Qualification	Years of Relevant Experience	Project Role (Field Personnel Flora Collecting License No.)
Kellie Bauer–Simpson Principal Ecologist/ Environmental Manager	B.Sc. (Biological Science)	25	Project manager, study scoping, technical and authorisation review
Lisa Chappell Senior Botanist	B.Env.Sc. (Hons) (Environmental Science)	21	Technical review
Julie Fielder Senior Botanist	B.Sc. (Hons) Botany, Geography, Environmental	21	Field survey (2022) (FB62000476)
Catherine Krens Senior Ecologist	B.Sc. (Botany/Plant Biology)	14	Field survey (2022) (FB62000188)
Dan Roberts Botanist/Ecologist	B.Sc. (Environmental Science; Marine Science)	10	Field survey (2022) (FB62000435)
Megan Gray Botanist/Ecologist	B.Sc. (Environmental Science)	5	Field survey, data management, desktop assessment, reporting, HSE management (FB62000334)
Olga Nazarova Botanist	B.Sc. (Botany and Genetics)	4	Field survey, flora identifications support, technical support (FB62000439)
Margaret Collins Botanist/Taxonomist	Ph.D. Botany M.Sc. Biotechnology and Molecular Biology B.Sc. (Hons.) Organic Chemistry and Microbiology	26	Flora identifications
Shibi Chandran Botanist/Taxonomist	BSc. (Zoology) MSc. (Fisheries and Aquaculture)	11	Flora identifications
Pierre-Louis de Kock Botanist/Taxonomist	BSc. (Biological Sciences and Environmental Management)	17	Flora identifications
Rachel Butler Taxonomist	BSc. (Hons) Environmental Science	17	Flora identifications
Taryn Brebner Botanist/Ecologist	B.Sc. (Conservation Biology)	5	Field survey, data analysis, reporting (FB62000156)
Sarah Beckwith Graduate Botanist/Ecologist	B.Sc. (Conservation Biology)	1.5	Field survey, reporting, desktop assessment (FB62000535)
Aishwarya Gujarathi Botanist/Ecologist	B.Sc. (Botany) M.Sc. Environmental Science	2	Field survey, report support (FB62000581)
Megan Young Graduate Botanist (at the time)	B.Sc. (Conservation Biology)	0.5	Field survey (2022) (FB62000288-02)
Kelly Hopkinson Graduate Botanist/Ecologist (at the time)	B.Sc. (Biological Sciences, Conservation and Wildlife Biology)	0.5	Field survey (2022)
Will Bauer–Simpson Technician	Cert IV (Health and Safety)	11	Spatial data management, technical support

Name	Qualification	Years of Relevant Experience	Project Role (Field Personnel Flora Collecting License No.)
Vaida Seikyte GIS Technician	B.Sc. (Geography)	2	GIS, spatial data management and mapping
Linda Hosking Administration		35	Editorial support

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APPENDIX A – THREATENED AND PRIORITY SPECIES AND COMMUNITY CATEGORY LISTS

EPBC ACT SPECIES AND COMMUNITY CATEGORIES

Categories of EPBC Act Threatened, Migratory and Marine Species Categories of EPBC Act 1999 Threatened, Migratory and Marine Species

Conservation Code	Category
EX	**Extinct** Species where "there is no reasonable doubt that the last member of the species has died" (section 179(1) of the EPBC Act).
EW	**Extinct in the Wild** Species that "is known only to survive in cultivation, in captivity or as a naturalised population well outside its past range; or it has not been recorded in its known habitat or expected habitat, at appropriate seasons, anywhere in its past range, despite projects over a time frame appropriate to its life cycle and form" (section 179(2) of the EPBC Act).
CR	**Critically Endangered** Species considered to be "facing an extremely high risk of extinction in the wild in the immediate future, as determined in accordance with the prescribed criteria" (section 179(3) of the EPBC Act).
EN	**Endangered** Species considered to be "facing a very high risk of extinction in the wild in the near future, as determined in accordance with the prescribed criteria" (section 179(4) of the EPBC Act).
VU	**Vulnerable** Species considered to be "facing a high risk of extinction in the wild in the medium-term future, as determined in accordance with the prescribed criteria" (section 179(5) of the EPBC Act).
MI	**Migratory species** Species that are listed on the migratory species list established under section 209 of the EPBC Act and comprises: ▪ Migratory species which are native to Australia and are included in the appendices to the Bonn Convention ▪ migratory species included in annexes established under the Japan-Australia Migratory Bird Agreement (JAMBA) and the China-Australia Migratory Bird Agreement (CAMBA) ▪ native, migratory species identified in a list established under, or an instrument made under, an international agreement approved by the Minister, such as the Republic of Korea-Australia Migratory Bird Agreement (ROKAMBA).
CD	**Conservation dependent** Species is the focus of a specific conservation program the cessation of which would result in the species becoming vulnerable, endangered or critically endangered (section 179(6) of the EPBC Act).
MA	**Marine Species** Species that are listed on the list of marine species established under section 248 of the EPBC Act. Listed marine species are only protected under the EPBC in a Commonwealth area.

Categories of EPBC Act Threatened Ecological Communities

Conservation Code	Category
CR	**Critically Endangered** Ecological community considered to be "facing an extremely high risk of extinction in the wild in the immediate future, as determined in accordance with the prescribed criteria" (section 182(1) of the EPBC Act).
EN	**Endangered** Ecological community considered to be "facing a very high risk of extinction in the wild in the near future, as determined in accordance with the prescribed criteria" (section 182(2) of the EPBC Act).
VU	**Vulnerable** Ecological community considered to be "facing a high risk of extinction in the wild in the medium-term future, as determined in accordance with the prescribed criteria" (section 182(3) of the EPBC Act).

DBCA SPECIES AND COMMUNITY CATEGORIES

Categories of Western Australian Flora and Fauna (DBCA 2023)

Conservation Code		Category
Threatened (T) Species	**CR**	**Critically Endangered Species** Threatened species considered to be "facing an extremely high risk of extinction in the wild in the immediate future, as determined in accordance with criteria set out in the ministerial guidelines". Listed as Critically Endangered under section 19(1)(a) of the BC Act in accordance with the criteria set out in section 20 and the ministerial guidelines. Published under the *Biodiversity Conservation (Listing of Native Species) (Fauna) Order 2024* for Critically Endangered fauna or the *Biodiversity Conservation (Listing of Native Species) (Flora) Order 2024* for critically endangered flora.
	EN	**Endangered Species** Threatened species considered to be "facing a very high risk of extinction in the wild in the near future, as determined in accordance with criteria set out in the ministerial guidelines". Listed as Endangered under section 19(1)(b) of the BC Act in accordance with the criteria set out in section 21 and the ministerial guidelines. Published under the *Biodiversity Conservation (Listing of Native Species) (Fauna) Order 2024* for Endangered fauna or the *Biodiversity Conservation (Listing of Native Species) (Flora) Order 2024* for Endangered flora.
	VU	**Vulnerable Species** Threatened species considered to be "facing a high risk of extinction in the wild in the medium-term future, as determined in accordance with criteria set out in the ministerial guidelines". Listed as Vulnerable under section 19(1)(c) of the BC Act in accordance with the criteria set out in section 22 and the ministerial guidelines. Published under the *Biodiversity Conservation (Listing of Native Species) (Fauna) Order 2024* for Vulnerable fauna or the *Biodiversity Conservation (Listing of Native Species) (Flora) Order 2024* for Vulnerable flora.
Specially Protected (SP) Species	**MI**	**Migratory Species** Fauna that periodically or occasionally visit Australia or an external Territory or the exclusive economic zone; or the species is subject of an international agreement that relates to the protection of migratory species and that binds the Commonwealth; and listing is otherwise in accordance with the ministerial guidelines (section 15 of the BC Act). Includes birds that are subject to an agreement between the government of Australia and the governments of Japan (JAMBA), China (CAMBA) and The Republic of Korea (ROKAMBA), and fauna subject to the Convention on the Conservation of Migratory Species of Wild Animals (Bonn Convention), an environmental treaty under the United Nations Environment Program. Migratory species listed under the BC Act are a subset of the migratory animals, that are known to visit Western Australia, protected under the international agreements or treaties, excluding species that are listed as Threatened species. Published as migratory birds protected under an international agreement under the *Biodiversity Conservation (Listing of Native Species) (Fauna) Order 2024*.
	CD	**Conservation Dependent** Fauna of special conservation needs, species dependent on ongoing conservation intervention to prevent it becoming eligible for listing as threatened, and listing is otherwise in accordance with the ministerial guidelines (section 14 of the BC Act). Published as conservation dependent fauna under the *Biodiversity Conservation (Listing of Native Species) (Fauna) Order 2024.*
	OS	**Other Specially Protected Fauna (OS)** Fauna otherwise in need of special protection to ensure their conservation, and listing is otherwise in accordance with the ministerial guidelines (section 18 of the BC Act). Published as other specially protected fauna under the *Biodiversity Conservation (Listing of Native Species) (Fauna) Order 2024.*

Conservation Code		Category
Extinct (EX) Species	EX	**Extinct Species** Species where "there is no reasonable doubt that the last member of the species has died", and listing is otherwise in accordance with the ministerial guidelines (section 24 of the BC Act). Published as presumed extinct under the *Biodiversity Conservation (Listing of Native Species) (Fauna) Order 2024* for extinct fauna or the *Biodiversity Conservation (Listing of Native Species) (Flora) Order 2024* for extinct flora.
	EW	**Extinct in the Wild Species** Species that "is known only to survive in cultivation, in captivity or as a naturalised population well outside its past range; and it has not been recorded in its known habitat or expected habitat, at appropriate seasons, anywhere in its past range, despite projects over a time frame appropriate to its life cycle and form", and listing is otherwise in accordance with the ministerial guidelines (section 25 of the BC Act). Currently there are no Threatened fauna or Threatened flora species listed as extinct in the wild. If listing of a species as extinct in the wild occurs, then a schedule will be added to the applicable notice.
Priority (P) Species	P1	**Priority 1: Poorly Known Species** Species that are known from one or a few locations (generally five or less) which are potentially at risk. All occurrences are either: very small; or on lands not managed for conservation, e.g. agricultural or pastoral lands, urban areas, road and rail reserves, gravel reserves and active mineral leases; or otherwise under threat of habitat destruction or degradation. Species may be included if they are comparatively well known from one or more locations but do not meet adequacy of project requirements and appear to be under immediate threat from known threatening processes. Such species are urgently in need of further project.
	P2	**Priority 2: Poorly Known Species** Species that are known from one or a few locations (generally five or less), some of which are on lands managed primarily for nature conservation, e.g. national parks, conservation parks, nature reserves and other lands with secure tenure being managed for conservation. Species may be included if they are comparatively well known from one or more locations but do not meet the adequacy of project requirements and appear to be under threat from known threatening processes. Such species are urgently in need of further project.
	P3	**Priority 3: Poorly Known Species** Species that are known from several locations, and the species does not appear to be under imminent threat, or from few but widespread locations with either large population size or significant remaining areas of apparently suitable habitat, much of it not under imminent threat. Species may be included if they are comparatively well known from several locations but do not meet the adequacy of project requirements and known threatening processes exist that could affect them. Such species need further project.
	P4	**Priority 4: Rare, Near Threatened and Other Species in Need of Monitoring** (a) Rare. Species that are considered to have been adequately projected, or for which sufficient knowledge is available, and that are considered not currently threatened or in need of special protection but could be if present circumstances change. These species are usually represented on conservation lands. (b) Near Threatened. Species that are considered to have been adequately projected and that are close to qualifying for Vulnerable but are not listed as Conservation Dependent. (c) Species that have been removed from the list of threatened species during the past five years for reasons other than taxonomy.

Categories of DBCA Listed Threatened and Priority Ecological Communities

Conservation Code	Category
CO	**Collapsed Ecological Communities** An ecological community listed by order of the Minister as collapsed under section 31(1) of the BC Act. As determined by criteria set out in section 32 of the BC Act, and published in the *Biodiversity Conservation (Threatened Ecological Communities) Order 2023*, an ecological community is eligible for listing as a collapsed ecological community at a particular time if, at that time; (a) there is no reasonable doubt that the last occurrence of the ecological community has collapsed; or (b) the ecological community has been so extensively modified throughout its range that no occurrence of it is likely to recover either: i. its species composition or structure; or ii. its species composition and structure.
CR	**Critically Endangered Ecological Communities** A Threatened Ecological Community listed in the category of Critically Endangered under section 27(1)(a) of the BC Act, as determined by criteria set out in section 28 of the BC Act and the ministerial guidelines and published in the *Biodiversity Conservation (Threatened Ecological Communities) Order 2023*,. A Critically Endangered ecological community faces an extremely high risk of becoming eligible for listing as a collapsed ecological community in the immediate future, as determined in accordance with criteria set out in the ministerial guidelines.
EN	**Endangered Ecological Communities** A Threatened Ecological Community listed in the category of endangered ecological community under section 27(1)(b) of the BC Act, as determined by criteria set out in section 29 of the BC Act and the ministerial guidelines and published in the *Biodiversity Conservation (Threatened Ecological Communities) Order 2023*. A threatened ecological community faces a very high risk of becoming eligible for listing as a collapsed ecological community in the near future, as determined in accordance with criteria set out in the ministerial guidelines.
VU	**Vulnerable Ecological Communities** A Threatened Ecological Community listed in the category of vulnerable ecological community under section 27(1)(c) of the BC Act, as determined by criteria set out in section 30 of the BC Act and the ministerial guidelines and published in the *Biodiversity Conservation (Threatened Ecological Communities) Order 2023*. A vulnerable ecological community faces a high risk of becoming eligible for listing as a collapsed ecological community in the medium-term future, as determined in accordance with criteria set out in the ministerial guidelines
	Priority Ecological Communities
P1	**Priority 1: Poorly Known Ecological Communities** Ecological communities that are known from very few occurrences with a very restricted distribution (generally ≤5 occurrences or a total area of ≤100ha). Occurrences are believed to be under threat either due to limited extent, or being on lands under immediate threat (e.g., within agricultural or pastoral lands, urban areas, active mineral leases) or for which current threats exist. May include communities with occurrences on protected lands. Communities may be included if they are comparatively well-known from one or more localities but do not meet adequacy of project requirements, and/or are not well defined, and appear to be under immediate threat from known threatening processes across their range.
P2	**Priority 2: Poorly Known Ecological Communities** Communities that are known from few occurrences with a restricted distribution (generally ≤10 occurrences or a total area of ≤200ha). At least some occurrences are not believed to be under immediate threat (within approximately 10 years) of destruction or degradation. Communities may be included if they are comparatively well known from one or more localities but do not meet adequacy of project requirements, and/or are not well defined, and appear to be under threat from known threatening processes.

Conservation Code	Category
P3	**Priority 3: Poorly Known Ecological Communities** Communities may be included if they are comparatively well known from several localities but do not meet adequacy of project requirements and/or are not well defined, and known threatening processes exist that could affect them. This category includes three sub-categories: (i) Communities that are known from several to many occurrences, a significant number or area of which are not under threat of habitat destruction or degradation. (ii) Communities known from a few widespread occurrences, which are either large or with significant remaining areas of habitat in which other occurrences may occur, much of it not under imminent threat (within approximately 10 years). (iii) Communities made up of large, and/or widespread occurrences, that may or may not be represented in the reserve system, but are under threat of modification across much of their range from processes such as grazing by domestic and/or feral stock, inappropriate fire regimes, clearing, hydrological change, etc.
P4	**Priority 4: Rare, Near Threatened or Recently Removed from the Threatened List** Ecological communities that are adequately known and either rare but not threatened, near threatened, or have recently been removed from the threatened list. These communities require regular monitoring. (i) Rare: ecological communities known from few occurrences that are considered to have been adequately projected, or for which sufficient knowledge is available, and that are considered not currently threatened or in need of special protection but could be if present circumstances change. These communities are usually represented on conservation lands. (ii) Near threatened: ecological communities that are considered to have been adequately projected and that do not qualify as conservation dependent, but that are close to qualifying for a higher threat category. (iii) Ecological communities that have been removed from the list of threatened communities during the past five years.
P5	**Priority 5: Conservation Dependent Ecological Communities** Ecological communities that are not threatened but are subject to a specific conservation program, the cessation of which would result in the community becoming threatened within five years.

APPENDIX B – DBCA THREATENED AND PRIORITY FLORA DATABASE SEARCH [REF: 12-0524FL]

Family	Taxon	WA Cons Code	Date Recorded
Acanthaceae	*Rostellularia adscendens* var. *latifolia*	Priority 3	20/06/2014
Acanthaceae	*Rostellularia adscendens* var. *latifolia*	Priority 3	3/04/2014
Acanthaceae	*Rostellularia adscendens* var. *latifolia*	Priority 3	28/05/2013
Acanthaceae	*Rostellularia adscendens* var. *latifolia*	Priority 3	12/04/2013
Amaranthaceae	*Gomphrena leptophylla*	Priority 3	4/07/2015
Amaranthaceae	*Gomphrena leptophylla*	Priority 3	19/06/2010
Amaranthaceae	*Gomphrena leptophylla*	Priority 3	11/09/1968
Amaranthaceae	*Ptilotus mollis*	Priority 4	17/10/2022
Amaranthaceae	*Ptilotus mollis*	Priority 4	8/04/2022
Amaranthaceae	*Ptilotus mollis*	Priority 4	14/02/2022
Amaranthaceae	*Ptilotus mollis*	Priority 4	12/08/2018
Amaranthaceae	*Ptilotus mollis*	Priority 4	13/04/2018
Amaranthaceae	*Ptilotus mollis*	Priority 4	7/04/2014
Amaranthaceae	*Ptilotus mollis*	Priority 4	12/07/2013
Amaranthaceae	*Ptilotus mollis*	Priority 4	10/05/2013
Amaranthaceae	*Ptilotus mollis*	Priority 4	29/04/2013
Amaranthaceae	*Ptilotus mollis*	Priority 4	11/04/2013
Amaranthaceae	*Ptilotus mollis*	Priority 4	22/05/2012
Amaranthaceae	*Ptilotus mollis*	Priority 4	22/05/2012
Amaranthaceae	*Ptilotus mollis*	Priority 4	21/08/2011
Amaranthaceae	*Ptilotus mollis*	Priority 4	25/05/2011
Amaranthaceae	*Ptilotus mollis*	Priority 4	24/05/2011
Amaranthaceae	*Ptilotus mollis*	Priority 4	24/05/2011
Amaranthaceae	*Ptilotus mollis*	Priority 4	28/07/2005
Amaranthaceae	*Ptilotus mollis*	Priority 4	5/08/1995
Amaranthaceae	*Ptilotus mollis*	Priority 4	21/09/1994
Amaranthaceae	*Ptilotus wilsonii*	Priority 1	18/08/2016
Amaranthaceae	*Ptilotus wilsonii*	Priority 1	8/09/2014
Apocynaceae	*Gymnanthera cunninghamii*	Priority 3	11/07/2013
Apocynaceae	*Gymnanthera cunninghamii*	Priority 3	13/04/2013
Apocynaceae	*Gymnanthera cunninghamii*	Priority 3	27/04/2012
Apocynaceae	*Gymnanthera cunninghamii*	Priority 3	25/07/2011
Apocynaceae	*Gymnanthera cunninghamii*	Priority 3	19/05/2011
Apocynaceae	*Gymnanthera cunninghamii*	Priority 3	10/04/2011
Apocynaceae	*Gymnanthera cunninghamii*	Priority 3	9/04/2011
Apocynaceae	*Gymnanthera cunninghamii*	Priority 3	4/04/2011
Apocynaceae	*Gymnanthera cunninghamii*	Priority 3	7/05/2006
Apocynaceae	*Gymnanthera cunninghamii*	Priority 3	7/05/2006
Apocynaceae	*Gymnanthera cunninghamii*	Priority 3	1952
Bixaceae	*Cochlospermum macnamarae*	Priority 1	3/10/2022
Bixaceae	*Cochlospermum macnamarae*	Priority 1	9/04/2022
Bixaceae	*Cochlospermum macnamarae*	Priority 1	21/06/2014
Bixaceae	*Cochlospermum macnamarae*	Priority 1	5/04/2014
Bixaceae	*Cochlospermum macnamarae*	Priority 1	27/07/2013
Bixaceae	*Cochlospermum macnamarae*	Priority 1	27/07/2013
Bixaceae	*Cochlospermum macnamarae*	Priority 1	12/07/2013
Boraginaceae	*Euploca argyrea*	Priority 1	23/09/1958
Boraginaceae	*Euploca mutica*	Priority 3	10/06/2019
Boraginaceae	*Euploca mutica*	Priority 3	17/05/2012

Family	Taxon	WA Cons Code	Date Recorded
Boraginaceae	*Euploca mutica*	Priority 3	17/05/2012
Boraginaceae	*Euploca mutica*	Priority 3	16/05/2012
Boraginaceae	*Euploca mutica*	Priority 3	15/10/2011
Boraginaceae	*Euploca mutica*	Priority 3	15/10/2011
Boraginaceae	*Euploca mutica*	Priority 3	15/10/2011
Boraginaceae	*Euploca mutica*	Priority 3	15/10/2011
Boraginaceae	*Euploca mutica*	Priority 3	15/10/2011
Boraginaceae	*Euploca mutica*	Priority 3	15/10/2011
Boraginaceae	*Euploca mutica*	Priority 3	15/10/2011
Boraginaceae	*Euploca mutica*	Priority 3	15/10/2011
Boraginaceae	*Euploca mutica*	Priority 3	15/10/2011
Boraginaceae	*Euploca mutica*	Priority 3	15/10/2011
Boraginaceae	*Euploca mutica*	Priority 3	15/10/2011
Boraginaceae	*Euploca mutica*	Priority 3	18/08/2011
Boraginaceae	*Euploca mutica*	Priority 3	26/07/2011
Boraginaceae	*Euploca mutica*	Priority 3	7/04/2011
Boraginaceae	*Euploca mutica*	Priority 3	7/04/2011
Boraginaceae	*Euploca mutica*	Priority 3	5/04/2011
Boraginaceae	*Euploca mutica*	Priority 3	28/10/2010
Boraginaceae	*Euploca mutica*	Priority 3	31/05/2010
Boraginaceae	*Euploca mutica*	Priority 3	28/05/2010
Boraginaceae	*Euploca mutica*	Priority 3	10/07/2008
Boraginaceae	*Euploca mutica*	Priority 3	13/05/2008
Boraginaceae	*Euploca mutica*	Priority 3	31/05/2006
Boraginaceae	*Heliotropium murinum*	Priority 3	14/05/2023
Boraginaceae	*Heliotropium murinum*	Priority 3	13/05/2023
Boraginaceae	*Heliotropium murinum*	Priority 3	12/05/2023
Boraginaceae	*Heliotropium murinum*	Priority 3	11/05/2023
Boraginaceae	*Heliotropium murinum*	Priority 3	19/10/2022
Boraginaceae	*Heliotropium murinum*	Priority 3	14/10/2022
Boraginaceae	*Heliotropium murinum*	Priority 3	11/04/2022
Boraginaceae	*Heliotropium murinum*	Priority 3	11/04/2018
Boraginaceae	*Heliotropium murinum*	Priority 3	19/06/2014
Boraginaceae	*Heliotropium murinum*	Priority 3	24/07/2013
Boraginaceae	*Heliotropium murinum*	Priority 3	1/07/2013
Boraginaceae	*Heliotropium murinum*	Priority 3	12/04/2013
Boraginaceae	*Heliotropium murinum*	Priority 3	28/04/2012
Boraginaceae	*Heliotropium murinum*	Priority 3	30/04/2006
Boraginaceae	*Heliotropium murinum*	Priority 3	30/04/2006
Boraginaceae	*Heliotropium murinum*	Priority 3	26/05/2000
Boraginaceae	*Heliotropium murinum*	Priority 3	24/06/1997
Boraginaceae	*Heliotropium murinum*	Priority 3	20/06/1997
Boraginaceae	*Heliotropium murinum*	Priority 3	12/09/1982
Brassicaceae	*Lepidium catapycnon*	Priority 4	28/07/2005
Brassicaceae	*Lepidium catapycnon*	Priority 4	28/07/2005
Chenopodiaceae	*Atriplex spinulosa*	Priority 1	13/04/2017
Chenopodiaceae	*Atriplex spinulosa*	Priority 1	7/04/2017
Chenopodiaceae	*Atriplex spinulosa*	Priority 1	3/04/2017
Chenopodiaceae	*Atriplex spinulosa*	Priority 1	1/08/1996
Chenopodiaceae	*Atriplex spinulosa*	Priority 1	31/10/1995
Chenopodiaceae	*Atriplex spinulosa*	Priority 1	31/10/1995
Chenopodiaceae	*Atriplex spinulosa*	Priority 1	6/08/1974
Chenopodiaceae	*Atriplex spinulosa*	Priority 1	6/08/1974
Chenopodiaceae	*Atriplex spinulosa*	Priority 1	6/08/1974
Chenopodiaceae	*Atriplex spinulosa*	Priority 1	6/08/1974

Family	Taxon	WA Cons Code	Date Recorded
Chenopodiaceae	*Atriplex spinulosa*	Priority 1	6/08/1974
Chenopodiaceae	*Atriplex spinulosa*	Priority 1	12/08/1965
Chenopodiaceae	*Atriplex spinulosa*	Priority 1	12/08/1965
Combretaceae	*Terminalia supranitifolia*	Priority 3	4/04/2019
Combretaceae	*Terminalia supranitifolia*	Priority 3	13/12/2012
Combretaceae	*Terminalia supranitifolia*	Priority 3	13/12/2012
Combretaceae	*Terminalia supranitifolia*	Priority 3	7/03/2012
Combretaceae	*Terminalia supranitifolia*	Priority 3	30/08/2010
Cyperaceae	*Bulbostylis burbidgeae*	Priority 4	12/05/2023
Cyperaceae	*Bulbostylis burbidgeae*	Priority 4	12/05/2023
Cyperaceae	*Bulbostylis burbidgeae*	Priority 4	12/05/2023
Cyperaceae	*Bulbostylis burbidgeae*	Priority 4	8/07/2015
Cyperaceae	*Bulbostylis burbidgeae*	Priority 4	19/06/2014
Cyperaceae	*Bulbostylis burbidgeae*	Priority 4	12/07/2013
Cyperaceae	*Bulbostylis burbidgeae*	Priority 4	8/05/2013
Cyperaceae	*Bulbostylis burbidgeae*	Priority 4	27/04/2012
Cyperaceae	*Bulbostylis burbidgeae*	Priority 4	28/11/2011
Cyperaceae	*Bulbostylis burbidgeae*	Priority 4	24/11/2011
Cyperaceae	*Bulbostylis burbidgeae*	Priority 4	10/06/2011
Cyperaceae	*Bulbostylis burbidgeae*	Priority 4	3/04/2011
Cyperaceae	*Bulbostylis burbidgeae*	Priority 4	1/06/2006
Cyperaceae	*Bulbostylis burbidgeae*	Priority 4	27/08/1997
Cyperaceae	*Bulbostylis burbidgeae*	Priority 4	27/08/1997
Cyperaceae	*Bulbostylis burbidgeae*	Priority 4	15/03/1988
Cyperaceae	*Bulbostylis burbidgeae*	Priority 4	03/1988
Cyperaceae	*Bulbostylis burbidgeae*	Priority 4	4/08/1970
Cyperaceae	*Bulbostylis burbidgeae*	Priority 4	10/06/1941
Cyperaceae	*Bulbostylis burbidgeae*	Priority 4	10/06/1941
Cyperaceae	*Fimbristylis* sp. Shay Gap (K.R. Newbey 10293)	Priority 1	2/08/1996
Cyperaceae	*Fimbristylis* sp. Shay Gap (K.R. Newbey 10293)	Priority 1	2/08/1996
Cyperaceae	*Schoenus coultasii*	Priority 1	9/05/2014
Euphorbiaceae	*Euphorbia clementii*	Priority 3	7/06/2019
Euphorbiaceae	*Euphorbia clementii*	Priority 3	8/05/2017
Euphorbiaceae	*Euphorbia clementii*	Priority 3	3/06/2016
Euphorbiaceae	*Euphorbia clementii*	Priority 3	9/07/2015
Euphorbiaceae	*Euphorbia clementii*	Priority 3	30/05/2013
Euphorbiaceae	*Euphorbia clementii*	Priority 3	13/06/2012
Euphorbiaceae	*Euphorbia clementii*	Priority 3	25/04/2012
Euphorbiaceae	*Euphorbia clementii*	Priority 3	3/07/2011
Euphorbiaceae	*Euphorbia clementii*	Priority 3	7/06/2011
Euphorbiaceae	*Euphorbia clementii*	Priority 3	17/05/2011
Euphorbiaceae	*Euphorbia clementii*	Priority 3	29/05/2010
Euphorbiaceae	*Euphorbia clementii*	Priority 3	29/05/2010
Euphorbiaceae	*Euphorbia clementii*	Priority 3	29/05/2010
Euphorbiaceae	*Euphorbia clementii*	Priority 3	28/05/2010
Euphorbiaceae	*Euphorbia clementii*	Priority 3	28/05/2010
Euphorbiaceae	*Euphorbia clementii*	Priority 3	27/05/2010
Euphorbiaceae	*Euphorbia clementii*	Priority 3	26/05/2010
Euphorbiaceae	*Euphorbia clementii*	Priority 3	10/07/2008
Euphorbiaceae	*Euphorbia clementii*	Priority 3	15/05/2008
Euphorbiaceae	*Euphorbia clementii*	Priority 3	31/05/2006
Euphorbiaceae	*Euphorbia clementii*	Priority 3	15/05/2001
Euphorbiaceae	*Euphorbia clementii*	Priority 3	15/05/2001
Euphorbiaceae	*Euphorbia clementii*	Priority 3	15/05/2001
Euphorbiaceae	*Euphorbia clementii*	Priority 3	3/04/1995

Family	Taxon	WA Cons Code	Date Recorded
Euphorbiaceae	*Euphorbia clementii*	Priority 3	9/06/1941
Euphorbiaceae	*Euphorbia inappendiculata* var. *inappendiculata*	Priority 3	17/10/2022
Euphorbiaceae	*Euphorbia inappendiculata* var. *inappendiculata*	Priority 3	16/10/2022
Euphorbiaceae	*Euphorbia inappendiculata* var. *inappendiculata*	Priority 3	16/05/2019
Fabaceae	*Acacia aphanoclada*	Priority 1	18/08/2016
Fabaceae	*Acacia aphanoclada*	Priority 1	16/08/2016
Fabaceae	*Acacia aphanoclada*	Priority 1	17/08/2013
Fabaceae	*Acacia aphanoclada*	Priority 1	26/05/2012
Fabaceae	*Acacia aphanoclada*	Priority 1	29/09/2011
Fabaceae	*Acacia aphanoclada*	Priority 1	12/08/2007
Fabaceae	*Acacia aphanoclada*	Priority 1	17/10/2006
Fabaceae	*Acacia aphanoclada*	Priority 1	15/10/2006
Fabaceae	*Acacia aphanoclada*	Priority 1	15/10/2006
Fabaceae	*Acacia aphanoclada*	Priority 1	11/04/2006
Fabaceae	*Acacia aphanoclada*	Priority 1	12/10/2004
Fabaceae	*Acacia aphanoclada*	Priority 1	12/10/2004
Fabaceae	*Acacia aphanoclada*	Priority 1	28/08/2004
Fabaceae	*Acacia aphanoclada*	Priority 1	28/08/2004
Fabaceae	*Acacia aphanoclada*	Priority 1	7/07/2003
Fabaceae	*Acacia aphanoclada*	Priority 1	7/04/1995
Fabaceae	*Acacia aphanoclada*	Priority 1	7/04/1995
Fabaceae	*Acacia aphanoclada*	Priority 1	24/10/1988
Fabaceae	*Acacia aphanoclada*	Priority 1	24/10/1988
Fabaceae	*Acacia aphanoclada*	Priority 1	24/10/1988
Fabaceae	*Acacia aphanoclada*	Priority 1	24/10/1988
Fabaceae	*Acacia aphanoclada*	Priority 1	11/11/1987
Fabaceae	*Acacia aphanoclada*	Priority 1	29/06/1984
Fabaceae	*Acacia aphanoclada*	Priority 1	6/10/1982
Fabaceae	*Acacia aphanoclada*	Priority 1	6/10/1982
Fabaceae	*Acacia aphanoclada*	Priority 1	21/05/1982
Fabaceae	*Acacia aphanoclada*	Priority 1	28/06/1981
Fabaceae	*Acacia aphanoclada*	Priority 1	28/06/1981
Fabaceae	*Acacia aphanoclada*	Priority 1	14/05/1979
Fabaceae	*Acacia aphanoclada*	Priority 1	14/05/1979
Fabaceae	*Acacia aphanoclada*	Priority 1	28/08/1978
Fabaceae	*Acacia aphanoclada*	Priority 1	5/08/1974
Fabaceae	*Acacia aphanoclada*	Priority 1	5/08/1974
Fabaceae	*Acacia aphanoclada*	Priority 1	26/10/1973
Fabaceae	*Acacia aphanoclada*	Priority 1	17/10/1963
Fabaceae	*Acacia aphanoclada*	Priority 1	15/08/1963
Fabaceae	*Acacia cyperophylla* var. *omearana*	Priority 1	24/07/2013
Fabaceae	*Acacia cyperophylla* var. *omearana*	Priority 1	12/08/2007
Fabaceae	*Acacia cyperophylla* var. *omearana*	Priority 1	11/10/2004
Fabaceae	*Acacia cyperophylla* var. *omearana*	Priority 1	17/07/2000
Fabaceae	*Acacia cyperophylla* var. *omearana*	Priority 1	23/08/1997
Fabaceae	*Acacia cyperophylla* var. *omearana*	Priority 1	9/08/1996
Fabaceae	*Acacia cyperophylla* var. *omearana*	Priority 1	7/09/1991
Fabaceae	*Acacia cyperophylla* var. *omearana*	Priority 1	25/10/1988
Fabaceae	*Acacia cyperophylla* var. *omearana*	Priority 1	11/11/1987
Fabaceae	*Acacia cyperophylla* var. *omearana*	Priority 1	16/09/1987
Fabaceae	*Acacia cyperophylla* var. *omearana*	Priority 1	16/09/1987
Fabaceae	*Acacia cyperophylla* var. *omearana*	Priority 1	16/09/1987
Fabaceae	*Acacia cyperophylla* var. *omearana*	Priority 1	31/03/1984
Fabaceae	*Acacia cyperophylla* var. *omearana*	Priority 1	17/10/1983
Fabaceae	*Acacia cyperophylla* var. *omearana*	Priority 1	17/10/1983

Family	Taxon	WA Cons Code	Date Recorded
Fabaceae	*Acacia cyperophylla* var. *omearana*	Priority 1	16/10/1983
Fabaceae	*Acacia cyperophylla* var. *omearana*	Priority 1	16/10/1983
Fabaceae	*Acacia cyperophylla* var. *omearana*	Priority 1	15/10/1982
Fabaceae	*Acacia cyperophylla* var. *omearana*	Priority 1	10/1982
Fabaceae	*Acacia fecunda*	Priority 1	15/08/2016
Fabaceae	*Acacia fecunda*	Priority 1	11/08/2016
Fabaceae	*Acacia fecunda*	Priority 1	12/04/2011
Fabaceae	*Acacia fecunda*	Priority 1	13/05/2006
Fabaceae	*Acacia fecunda*	Priority 1	13/05/2006
Fabaceae	*Acacia fecunda*	Priority 1	11/10/2004
Fabaceae	*Acacia fecunda*	Priority 1	11/10/2004
Fabaceae	*Acacia fecunda*	Priority 1	11/10/2004
Fabaceae	*Acacia fecunda*	Priority 1	30/05/2004
Fabaceae	*Acacia fecunda*	Priority 1	30/05/2004
Fabaceae	*Acacia leeuweniana*	Priority 1	5/12/2010
Fabaceae	*Acacia leeuweniana*	Priority 1	9/09/2004
Fabaceae	*Acacia leeuweniana*	Priority 1	29/05/2004
Fabaceae	*Acacia leeuweniana*	Priority 1	29/05/2004
Fabaceae	*Acacia leeuweniana*	Priority 1	29/05/2004
Fabaceae	*Acacia leeuweniana*	Priority 1	29/05/2004
Fabaceae	*Acacia leeuweniana*	Priority 1	28/05/2004
Fabaceae	*Acacia leeuweniana*	Priority 1	18/07/2000
Fabaceae	*Acacia leeuweniana*	Priority 1	27/10/1988
Fabaceae	*Acacia leeuweniana*	Priority 1	27/10/1988
Fabaceae	*Acacia leeuweniana*	Priority 1	26/10/1988
Fabaceae	*Acacia leeuweniana*	Priority 1	26/10/1988
Fabaceae	*Acacia leeuweniana*	Priority 1	18/10/1983
Fabaceae	*Acacia leeuweniana*	Priority 1	18/10/1983
Fabaceae	*Acacia leeuweniana*	Priority 1	18/10/1983
Fabaceae	*Acacia leeuweniana*	Priority 1	20/05/1982
Fabaceae	*Acacia leeuweniana*	Priority 1	20/05/1982
Fabaceae	*Acacia leeuweniana*	Priority 1	20/05/1982
Fabaceae	*Acacia leeuweniana*	Priority 1	20/05/1982
Fabaceae	*Acacia leeuweniana*	Priority 1	27/06/1981
Fabaceae	*Acacia leeuweniana*	Priority 1	27/06/1981
Fabaceae	*Acacia leeuweniana*	Priority 1	27/06/1981
Fabaceae	*Acacia leeuweniana*	Priority 1	27/06/1981
Fabaceae	*Acacia leeuweniana*	Priority 1	27/06/1981
Fabaceae	*Acacia leeuweniana*	Priority 1	27/06/1981
Fabaceae	*Acacia leeuweniana*	Priority 1	27/06/1981
Fabaceae	*Acacia leeuweniana*	Priority 1	19/04/1967
Fabaceae	*Acacia leeuweniana*	Priority 1	19/04/1967
Fabaceae	*Acacia levata*	Priority 3	8/05/2023
Fabaceae	*Acacia levata*	Priority 3	14/09/2006
Fabaceae	*Acacia levata*	Priority 3	17/08/2006
Fabaceae	*Acacia levata*	Priority 3	1/06/2006
Fabaceae	*Acacia levata*	Priority 3	10/10/2004
Fabaceae	*Acacia levata*	Priority 3	9/09/2004
Fabaceae	*Acacia levata*	Priority 3	29/05/2004
Fabaceae	*Acacia levata*	Priority 3	28/05/2004
Fabaceae	*Acacia levata*	Priority 3	18/07/2000
Fabaceae	*Acacia levata*	Priority 3	21/05/1997
Fabaceae	*Acacia levata*	Priority 3	3/04/1995
Fabaceae	*Acacia levata*	Priority 3	26/10/1988
Fabaceae	*Acacia levata*	Priority 3	26/10/1988

Family	Taxon	WA Cons Code	Date Recorded
Fabaceae	*Acacia levata*	Priority 3	15/10/1988
Fabaceae	*Acacia levata*	Priority 3	23/09/1988
Fabaceae	*Acacia levata*	Priority 3	17/10/1983
Fabaceae	*Acacia levata*	Priority 3	17/10/1983
Fabaceae	*Acacia levata*	Priority 3	17/10/1983
Fabaceae	*Acacia levata*	Priority 3	20/05/1982
Fabaceae	*Acacia levata*	Priority 3	20/05/1982
Fabaceae	*Acacia* sp. Marble Bar (J.G. & M.H. Simmons 3499)	Priority 1	26/09/1997
Fabaceae	*Acacia* sp. Nullagine (B.R. Maslin 4955)	Priority 1	28/06/1981
Fabaceae	*Indigofera ixocarpa*	Priority 2	7/06/2022
Fabaceae	*Indigofera ixocarpa*	Priority 2	31/03/1984
Fabaceae	*Indigofera ixocarpa*	Priority 2	31/03/1984
Fabaceae	*Indigofera ixocarpa*	Priority 2	31/03/1984
Fabaceae	*Indigofera ixocarpa*	Priority 2	6/10/1982
Fabaceae	*Rhynchosia bungarensis*	Priority 4	19/06/2014
Fabaceae	*Rothia indica* subsp. *australis*	Priority 3	25/05/2014
Fabaceae	*Rothia indica* subsp. *australis*	Priority 3	11/07/2013
Fabaceae	*Rothia indica* subsp. *australis*	Priority 3	28/04/2012
Fabaceae	*Rothia indica* subsp. *australis*	Priority 3	28/04/2012
Fabaceae	*Vigna triodiophila*	Priority 3	9/04/2019
Fabaceae	*Vigna triodiophila*	Priority 3	31/05/2006
Goodeniaceae	*Goodenia obscurata*	Priority 3	8/06/2011
Goodeniaceae	*Goodenia pedicellata*	Priority 1	21/08/2022
Lamiaceae	*Quoya zonalis*	Endangered	11/06/2022
Lamiaceae	*Quoya zonalis*	Endangered	7/06/2022
Lamiaceae	*Quoya zonalis*	Endangered	15/02/2022
Lamiaceae	*Quoya zonalis*	Endangered	3/12/2020
Lamiaceae	*Quoya zonalis*	Endangered	14/08/2018
Lamiaceae	*Quoya zonalis*	Endangered	14/08/2018
Lamiaceae	*Quoya zonalis*	Endangered	10/08/2018
Lamiaceae	*Quoya zonalis*	Endangered	4/09/2017
Lamiaceae	*Quoya zonalis*	Endangered	15/07/2017
Lamiaceae	*Quoya zonalis*	Endangered	16/09/2016
Lamiaceae	*Quoya zonalis*	Endangered	27/09/2015
Lamiaceae	*Quoya zonalis*	Endangered	26/09/2015
Lamiaceae	*Quoya zonalis*	Endangered	26/09/2015
Lamiaceae	*Quoya zonalis*	Endangered	26/09/2015
Lamiaceae	*Quoya zonalis*	Endangered	26/09/2015
Lamiaceae	*Quoya zonalis*	Endangered	26/09/2015
Lamiaceae	*Quoya zonalis*	Endangered	25/09/2015
Lamiaceae	*Quoya zonalis*	Endangered	24/09/2015
Lamiaceae	*Quoya zonalis*	Endangered	24/09/2015
Lamiaceae	*Quoya zonalis*	Endangered	24/09/2015
Lamiaceae	*Quoya zonalis*	Endangered	23/09/2015
Lamiaceae	*Quoya zonalis*	Endangered	22/09/2015
Lamiaceae	*Quoya zonalis*	Endangered	22/09/2015
Lamiaceae	*Quoya zonalis*	Endangered	22/09/2015
Lamiaceae	*Quoya zonalis*	Endangered	21/09/2015
Lamiaceae	*Quoya zonalis*	Endangered	19/09/2015
Lamiaceae	*Quoya zonalis*	Endangered	18/09/2015
Lamiaceae	*Quoya zonalis*	Endangered	18/09/2015
Lamiaceae	*Quoya zonalis*	Endangered	18/09/2015
Lamiaceae	*Quoya zonalis*	Endangered	18/09/2015
Lamiaceae	*Quoya zonalis*	Endangered	18/09/2015
Lamiaceae	*Quoya zonalis*	Endangered	18/09/2015

Family	Taxon	WA Cons Code	Date Recorded
Lamiaceae	*Quoya zonalis*	Endangered	18/09/2015
Lamiaceae	*Quoya zonalis*	Endangered	18/09/2015
Lamiaceae	*Quoya zonalis*	Endangered	18/09/2015
Lamiaceae	*Quoya zonalis*	Endangered	18/09/2015
Lamiaceae	*Quoya zonalis*	Endangered	18/09/2015
Lamiaceae	*Quoya zonalis*	Endangered	18/09/2015
Lamiaceae	*Quoya zonalis*	Endangered	18/09/2015
Lamiaceae	*Quoya zonalis*	Endangered	18/09/2015
Lamiaceae	*Quoya zonalis*	Endangered	18/09/2015
Lamiaceae	*Quoya zonalis*	Endangered	18/09/2015
Lamiaceae	*Quoya zonalis*	Endangered	17/09/2015
Lamiaceae	*Quoya zonalis*	Endangered	17/09/2015
Lamiaceae	*Quoya zonalis*	Endangered	16/09/2015
Lamiaceae	*Quoya zonalis*	Endangered	4/06/2015
Lamiaceae	*Quoya zonalis*	Endangered	4/06/2015
Lamiaceae	*Quoya zonalis*	Endangered	3/06/2015
Lamiaceae	*Quoya zonalis*	Endangered	3/06/2015
Lamiaceae	*Quoya zonalis*	Endangered	3/06/2015
Lamiaceae	*Quoya zonalis*	Endangered	31/05/2013
Lamiaceae	*Quoya zonalis*	Endangered	31/05/2013
Lamiaceae	*Quoya zonalis*	Endangered	29/05/2013
Lamiaceae	*Quoya zonalis*	Endangered	29/05/2013
Lamiaceae	*Quoya zonalis*	Endangered	29/05/2013
Lamiaceae	*Quoya zonalis*	Endangered	29/05/2013
Lamiaceae	*Quoya zonalis*	Endangered	28/05/2013
Lamiaceae	*Quoya zonalis*	Endangered	28/05/2013
Lamiaceae	*Quoya zonalis*	Endangered	28/05/2013
Lamiaceae	*Quoya zonalis*	Endangered	28/05/2013
Lamiaceae	*Quoya zonalis*	Endangered	28/05/2013
Lamiaceae	*Quoya zonalis*	Endangered	23/04/2012
Lamiaceae	*Quoya zonalis*	Endangered	22/04/2012
Lamiaceae	*Quoya zonalis*	Endangered	21/04/2012
Lamiaceae	*Quoya zonalis*	Endangered	20/04/2012
Lamiaceae	*Quoya zonalis*	Endangered	20/04/2012
Lamiaceae	*Quoya zonalis*	Endangered	19/04/2012
Lamiaceae	*Quoya zonalis*	Endangered	18/04/2012
Lamiaceae	*Quoya zonalis*	Endangered	17/04/2012
Lamiaceae	*Quoya zonalis*	Endangered	17/04/2012
Lamiaceae	*Quoya zonalis*	Endangered	12/04/2012
Lamiaceae	*Quoya zonalis*	Endangered	22/09/2011
Lamiaceae	*Quoya zonalis*	Endangered	17/08/2011
Lamiaceae	*Quoya zonalis*	Endangered	17/08/2011
Lamiaceae	*Quoya zonalis*	Endangered	17/08/2011
Lamiaceae	*Quoya zonalis*	Endangered	17/08/2011
Lamiaceae	*Quoya zonalis*	Endangered	17/08/2011
Lamiaceae	*Quoya zonalis*	Endangered	17/08/2011
Lamiaceae	*Quoya zonalis*	Endangered	17/08/2011
Lamiaceae	*Quoya zonalis*	Endangered	17/08/2011
Lamiaceae	*Quoya zonalis*	Endangered	17/08/2011
Lamiaceae	*Quoya zonalis*	Endangered	17/08/2011
Lamiaceae	*Quoya zonalis*	Endangered	17/08/2011
Lamiaceae	*Quoya zonalis*	Endangered	17/08/2011
Lamiaceae	*Quoya zonalis*	Endangered	17/08/2011
Lamiaceae	*Quoya zonalis*	Endangered	17/08/2011

Family	Taxon	WA Cons Code	Date Recorded
Lamiaceae	*Quoya zonalis*	Endangered	4/07/2011
Lamiaceae	*Quoya zonalis*	Endangered	4/07/2011
Lamiaceae	*Quoya zonalis*	Endangered	30/08/2010
Lamiaceae	*Quoya zonalis*	Endangered	30/08/2010
Lamiaceae	*Quoya zonalis*	Endangered	30/08/2010
Lamiaceae	*Quoya zonalis*	Endangered	28/05/2010
Lamiaceae	*Quoya zonalis*	Endangered	28/05/2010
Lamiaceae	*Quoya zonalis*	Endangered	26/05/2010
Malvaceae	*Corchorus* sp. Yarrie (J. Bull & D. Roberts CAL 01.05)	Priority 1	28/05/2019
Malvaceae	*Corchorus* sp. Yarrie (J. Bull & D. Roberts CAL 01.05)	Priority 1	28/05/2019
Malvaceae	*Corchorus* sp. Yarrie (J. Bull & D. Roberts CAL 01.05)	Priority 1	11/08/1965
Myrtaceae	*Eucalyptus rowleyi*	Priority 3	15/08/2016
Myrtaceae	*Eucalyptus rowleyi*	Priority 3	12/08/2016
Myrtaceae	*Eucalyptus rowleyi*	Priority 3	8/06/2002
Myrtaceae	*Eucalyptus rowleyi*	Priority 3	8/06/2002
Myrtaceae	*Eucalyptus rowleyi*	Priority 3	8/06/2002
Pedaliaceae	*Josephinia* sp. Woodstock (A.A. Mitchell PRP 989)	Priority 1	27/04/2019
Pedaliaceae	*Josephinia* sp. Woodstock (A.A. Mitchell PRP 989)	Priority 1	9/05/1997
Pedaliaceae	*Josephinia* sp. Woodstock (A.A. Mitchell PRP 989)	Priority 1	2/11/1995
Pedaliaceae	*Josephinia* sp. Woodstock (A.A. Mitchell PRP 989)	Priority 1	6/05/1958
Phyllanthaceae	*Phyllanthus hebecarpus*	Priority 3	9/04/2022
Phyllanthaceae	*Phyllanthus hebecarpus*	Priority 3	10/07/2015
Phyllanthaceae	*Phyllanthus hebecarpus*	Priority 3	12/07/2013
Phyllanthaceae	*Phyllanthus hebecarpus*	Priority 3	11/07/2013
Phyllanthaceae	*Phyllanthus hebecarpus*	Priority 3	13/05/2013
Phyllanthaceae	*Phyllanthus hebecarpus*	Priority 3	8/05/2013
Phyllanthaceae	*Phyllanthus hebecarpus*	Priority 3	8/05/2013
Phyllanthaceae	*Phyllanthus hebecarpus*	Priority 3	30/04/2009
Poaceae	*Eragrostis crateriformis*	Delisted	16/05/2019
Poaceae	*Eragrostis crateriformis*	Delisted	27/04/2019
Poaceae	*Eragrostis crateriformis*	Delisted	28/07/2013
Poaceae	*Eragrostis crateriformis*	Delisted	11/07/2013
Poaceae	*Eragrostis crateriformis*	Delisted	8/05/2013
Poaceae	*Eragrostis crateriformis*	Delisted	22/04/2013
Poaceae	*Eragrostis crateriformis*	Delisted	12/04/2013
Poaceae	*Eragrostis crateriformis*	Delisted	9/04/2013
Poaceae	*Eragrostis crateriformis*	Delisted	9/04/2013
Poaceae	*Eragrostis crateriformis*	Delisted	25/05/2012
Poaceae	*Eragrostis crateriformis*	Delisted	27/08/2010
Poaceae	*Eragrostis crateriformis*	Delisted	27/05/2000
Poaceae	*Eragrostis crateriformis*	Delisted	1952
Poaceae	*Themeda* sp. Hamersley Station (M.E. Trudgen 11431)	Priority 3	17/10/2006
Poaceae	*Themeda* sp. Panorama (J. Nelson et al. NS 102)	Priority 1	16/03/2021
Poaceae	*Themeda* sp. Panorama (J. Nelson et al. NS 102)	Priority 1	4/12/2020
Poaceae	*Themeda* sp. Panorama (J. Nelson et al. NS 102)	Priority 1	8/05/2019
Poaceae	*Themeda* sp. Panorama (J. Nelson et al. NS 102)	Priority 1	19/08/2006
Poaceae	*Themeda* sp. Panorama (J. Nelson et al. NS 102)	Priority 1	1/05/2006
Poaceae	*Themeda* sp. Panorama (J. Nelson et al. NS 102)	Priority 1	1/05/2006
Poaceae	*Themeda* sp. Panorama (J. Nelson et al. NS 102)	Priority 1	05/1997
Poaceae	*Triodia basitricha*	Priority 3	28/05/2019
Poaceae	*Triodia basitricha*	Priority 3	10/08/2018
Poaceae	*Triodia basitricha*	Priority 3	19/06/2010
Poaceae	*Triodia basitricha*	Priority 3	16/06/2010
Poaceae	*Triodia basitricha*	Priority 3	18/06/1997
Poaceae	*Triodia chichesterensis*	Priority 3	10/06/2019

Family	Taxon	WA Cons Code	Date Recorded
Poaceae	*Triodia chichesterensis*	Priority 3	10/06/2019
Poaceae	*Triodia chichesterensis*	Priority 3	10/06/2019
Poaceae	*Triodia chichesterensis*	Priority 3	10/06/2019
Poaceae	*Triodia chichesterensis*	Priority 3	10/06/2019
Poaceae	*Triodia chichesterensis*	Priority 3	7/06/2019
Poaceae	*Triodia chichesterensis*	Priority 3	7/06/2019
Poaceae	*Triodia chichesterensis*	Priority 3	16/05/2019
Poaceae	*Triodia chichesterensis*	Priority 3	9/04/2019
Poaceae	*Triodia chichesterensis*	Priority 3	7/04/2019
Poaceae	*Triodia chichesterensis*	Priority 3	26/04/2018
Poaceae	*Triodia chichesterensis*	Priority 3	8/05/2017
Poaceae	*Triodia chichesterensis*	Priority 3	22/02/2014
Poaceae	*Triodia chichesterensis*	Priority 3	22/02/2014
Poaceae	*Triodia chichesterensis*	Priority 3	19/03/2013
Poaceae	*Triodia chichesterensis*	Priority 3	27/08/2010
Poaceae	*Triodia chichesterensis*	Priority 3	24/08/2010
Poaceae	*Triodia chichesterensis*	Priority 3	31/05/2006
Poaceae	*Triodia chichesterensis*	Priority 3	31/05/2006
Poaceae	*Triodia chichesterensis*	Priority 3	04/1988
Poaceae	*Triodia chichesterensis*	Priority 3	28/03/1984
Poaceae	*Triodia chichesterensis*	Priority 3	29/04/1977
Poaceae	*Triodia chichesterensis*	Priority 3	19/04/1967
Poaceae	*Triodia chichesterensis*	Priority 3	08/1946
Poaceae	*Triodia chichesterensis*	Priority 3	08/1946
Poaceae	*Triodia chichesterensis*	Priority 3	08/1946
Poaceae	*Triodia chichesterensis*	Priority 3	08/1946
Poaceae	*Triodia chichesterensis*	Priority 3	08/1946
Rubiaceae	*Dolichocarpa* sp. Hamersley Station (A.A. Mitchell PRP 1479)	Priority 3	16/05/2019
Solanaceae	*Nicotiana umbratica*	Priority 3	*NP
Solanaceae	*Nicotiana umbratica*	Priority 3	8/07/2015
Solanaceae	*Nicotiana umbratica*	Priority 3	8/04/2014
Solanaceae	*Nicotiana umbratica*	Priority 3	24/07/2013
Solanaceae	*Nicotiana umbratica*	Priority 3	13/05/2013
Solanaceae	*Nicotiana umbratica*	Priority 3	13/04/2013
Solanaceae	*Nicotiana umbratica*	Priority 3	30/03/2011
Solanaceae	*Nicotiana umbratica*	Priority 3	1/05/2006
Solanaceae	*Nicotiana umbratica*	Priority 3	30/04/2006
Solanaceae	*Nicotiana umbratica*	Priority 3	21/09/1995
Solanaceae	*Nicotiana umbratica*	Priority 3	27/06/1981
Solanaceae	*Nicotiana umbratica*	Priority 3	30/04/1958
Solanaceae	*Nicotiana umbratica*	Priority 3	26/04/1958
Solanaceae	*Nicotiana umbratica*	Priority 3	23/04/1958
Solanaceae	*Nicotiana umbratica*	Priority 3	8/06/1941
Solanaceae	*Solanum* sp. Mosquito Creek (A.A. Mitchell et al. AAM 10795)	Priority 1	11/04/2018
Solanaceae	*Solanum* sp. Mosquito Creek (A.A. Mitchell et al. AAM 10795)	Priority 1	11/04/2018
Solanaceae	*Solanum* sp. Mosquito Creek (A.A. Mitchell et al. AAM 10795)	Priority 1	10/05/2017
Solanaceae	*Solanum* sp. Mosquito Creek (A.A. Mitchell et al. AAM 10795)	Priority 1	31/10/1995
Solanaceae	*Solanum* sp. Mosquito Creek (A.A. Mitchell et al. AAM 10795)	Priority 1	31/03/1984
Solanaceae	*Solanum* sp. Mosquito Creek (A.A. Mitchell et al. AAM 10795)	Priority 1	8/06/1979
Solanaceae	*Solanum* sp. Mosquito Creek (A.A. Mitchell et al. AAM 10795)	Priority 1	12/08/1965
Stylidiaceae	*Stylidium weeliwolli*	Priority 3	9/05/2014
Stylidiaceae	*Stylidium weeliwolli*	Priority 3	29/03/2011

*NP = Not Provided

APPENDIX C – DBCA DANDJOO SEARCH REPORT

Dandjoo Species List Export

Created by Guest User on 12 Nov 2024

Source	Dandjoo – Department of Biodiversity, Conservation and Attractions
Method	User defined circle: [[119.63562, -21.25231]] 49.0 km.
Date time	2024-11-12T14:22:24.994525+08:00

Conservation status summary	Count
EN	1
None	481
P1	9
P2	1
P3	15
P4	3
Total	**510**

Kingdoms	Count
Plantae	510
Total unique species	**510**

#	Class	Family	Name	Establishment	Conservation
Plantae					
1	None	None	Calandrinia pentavalvis	native	
2	None	None	Calandrinia stagnensis J.M.Black	native	
3	None	None	Calandrinia tepperiana W.Fitzg.	native	
4	Arachnida	Tetragnathidae	Tetragnatha		
5	Bryopsida	Bryaceae Schwagr.	Bryum pachytheca	native	
6	Charophyceae	Characeae	Chara wightii (A.Braun) Casanova		
7	Charophyceae	Characeae	Chara zeylanica Willd.		
8	Charophyceae	Characeae	Nitella sp.		
9	Charophyceae	Characeae	Nitella heterophylla (A.Braun) A.Braun	native	
10	Charophyceae	Characeae	Nitella hyalina (DC.) C.Agardh	native	
11	Liliopsida	Asphodelaceae	Aloe vera var. officinalis (Forssk.) Baker	alien	
12	Liliopsida	Cyperaceae	Bulbostylis barbata (Rottb.) C.B.Clarke	native	
13	Liliopsida	Cyperaceae	Bulbostylis burbidgeae K.L.Wilson	native	P4
14	Liliopsida	Cyperaceae	Bulbostylis turbinata S.T.Blake	native	
15	Liliopsida	Cyperaceae	Cyperus		
16	Liliopsida	Cyperaceae	Cyperus bulbosus Vahl *(Bush Onion)*	native	
17	Liliopsida	Cyperaceae	Cyperus cunninghamii (C.B.Clarke) C.A.Gardner	native	
18	Liliopsida	Cyperaceae	Cyperus cunninghamii (C.B.Clarke) C.A.Gardner subsp. cunninghamii	native	
19	Liliopsida	Cyperaceae	Cyperus difformis L. *(Rice Sedge)*	native	
20	Liliopsida	Cyperaceae	Cyperus hesperius K.L.Wilson	native	
21	Liliopsida	Cyperaceae	Cyperus iria L.	native	
22	Liliopsida	Cyperaceae	Cyperus leptocarpus (F.Muell.) Bauters	native	
23	Liliopsida	Cyperaceae	Cyperus microcephalus subsp. saxicola K.L.Wilson	native	
24	Liliopsida	Cyperaceae	Cyperus nervulosus (KÃ¼k.) S.T.Blake	native	

25	Liliopsida	Cyperaceae	Cyperus pulchellus R.Br.	native	
26	Liliopsida	Cyperaceae	Cyperus rotundus L. *(Nut Grass)*	alien	
27	Liliopsida	Cyperaceae	Cyperus squarrosus	native	
28	Liliopsida	Cyperaceae	Cyperus vaginatus	native	
29	Liliopsida	Cyperaceae	Eleocharis geniculata (L.) Roem. & Schult.	native	
30	Liliopsida	Cyperaceae	Fimbristylis dichotoma *(Eight Day Grass)*	native	
31	Liliopsida	Cyperaceae	Fimbristylis elegans S.T.Blake	native	
32	Liliopsida	Cyperaceae	Fimbristylis microcarya F.Muell.	native	
33	Liliopsida	Cyperaceae	Fimbristylis neilsonii F.Muell.	native	
34	Liliopsida	Cyperaceae	Fimbristylis nuda Boeckeler	native	
35	Liliopsida	Cyperaceae	Fimbristylis rara R.Br.	native	
36	Liliopsida	Cyperaceae	Fimbristylis simulans Latz	native	
37	Liliopsida	Cyperaceae	Fuirena ciliaris (L.) Roxb.	native	
38	Liliopsida	Cyperaceae	Schoenoplectiella laevis (S.T.Blake) Lye	native	
39	Liliopsida	Cyperaceae	Schoenoplectus subulatus (Vahl) Lye	native	
40	Liliopsida	Cyperaceae	Schoenus coultasii Hislop *(Pilbara Annual Bog-rush)*	native	P1
41	Liliopsida	Cyperaceae	Schoenus falcatus R.Br.	native	
42	Liliopsida	Cyperaceae	Scleria rugosa R.Br.	native	
43	Liliopsida	Cyperaceae Juss.	Cyperus ixiocarpus	native	
44	Liliopsida	Eriocaulaceae	Eriocaulon pusillum R.Br.	native	
45	Liliopsida	Hydrocharitaceae	Najas graminea Delile	native	
46	Liliopsida	Hydrocharitaceae	Najas marina *(Prickly Water Nymph)*	native	
47	Liliopsida	Hydrocharitaceae	Najas tenuifolia R.Br. *(Water Nymph)*	native	
48	Liliopsida	Hydrocharitaceae	Vallisneria annua S.W.L.Jacobs & K.A.Frank	native	
49	Liliopsida	Hydrocharitaceae	Vallisneria nana R.Br.	native	
50	Liliopsida	Poaceae	Aristida burbidgeae B.K.Simon	native	
51	Liliopsida	Poaceae	Aristida contorta F.Muell. *(Bunched Kerosene Grass)*	native	
52	Liliopsida	Poaceae	Aristida holathera Domin	native	
53	Liliopsida	Poaceae	Aristida hygrometrica R.Br. *(Northern Kerosene Grass)*	native	
54	Liliopsida	Poaceae	Cenchrus ciliaris *(Buffel Grass)*	alien	
55	Liliopsida	Poaceae	Chloris pectinata Benth. *(Comb Chloris)*	native	
56	Liliopsida	Poaceae	Chloris pumilio R.Br.	mixed	
57	Liliopsida	Poaceae	Chloris virgata Sw. *(Feathertop Rhodes Grass)*	alien	
58	Liliopsida	Poaceae	Chrysopogon fallax	native	
59	Liliopsida	Poaceae	Cymbopogon ambiguus (Hack.) A.Camus *(Scentgrass)*	native	
60	Liliopsida	Poaceae	Cymbopogon obtectus S.T.Blake *(Silkyheads)*	native	
61	Liliopsida	Poaceae	Cynodon convergens F.Muell. *(Spider Grass)*	native	
62	Liliopsida	Poaceae	Cynodon prostratus (C.A.Gardner & C.E.Hubb.) P.M.Peterson	native	
63	Liliopsida	Poaceae	Dactyloctenium radulans (R.Br.) P.Beauv. *(Button Grass)*	native	
64	Liliopsida	Poaceae	Dichanthium sericeum subsp. humilius (J.M.Black) B.K.Simon	native	
65	Liliopsida	Poaceae	Digitaria brownii (Roem. & Schult.) Hughes *(Cotton Panic Grass)*	native	
66	Liliopsida	Poaceae	Digitaria ctenantha (F.Muell.) Hughes *(Comb Finger Grass)*	native	
67	Liliopsida	Poaceae	Digitaria longiflora (Retz.) Pers.	native	
68	Liliopsida	Poaceae	Diplachne fusca (L.) Roem. & Schult. subsp. fusca	native	
69	Liliopsida	Poaceae	Echinochloa colona (L.) Link *(Awnless Barnyard Grass)*	alien	
70	Liliopsida	Poaceae	Enneapogon caerulescens (Gaudich.) N.T.Burb. *(Limestone Grass)*	native	
71	Liliopsida	Poaceae	Enneapogon lindleyanus (Domin) C.E.Hubb. *(Wiry Nineawn)*	native	
72	Liliopsida	Poaceae	Enneapogon polyphyllus (Domin) N.T.Burb. *(Leafy Nineawn)*	native	
73	Liliopsida	Poaceae	Enneapogon robustissimus (Domin) N.T.Burb.	native	
74	Liliopsida	Poaceae	Enteropogon ramosus B.K.Simon *(Windmill Grass)*	native	
75	Liliopsida	Poaceae	Eragrostis crateriformis Lazarides	native	P3
76	Liliopsida	Poaceae	Eragrostis cumingii Steud. *(Cuming's Love Grass)*	native	
77	Liliopsida	Poaceae	Eragrostis desertorum Domin *(Desert Lovegrass)*	native	
78	Liliopsida	Poaceae	Eragrostis dielsii Pilg. *(Mallee Lovegrass)*	native	
79	Liliopsida	Poaceae	Eragrostis eriopoda Benth. *(Woollybutt Grass)*	native	

80	Liliopsida	Poaceae	Eragrostis minor Host *(Smaller Stinkgrass)*	alien	
81	Liliopsida	Poaceae	Eragrostis setifolia Nees *(Neverfail Grass)*	native	
82	Liliopsida	Poaceae	Eragrostis speciosa (Roem. & Schult.) Steud. *(Handsome Lovegrass)*	native	
83	Liliopsida	Poaceae	Eragrostis tenellula (Kunth) Steud. *(Delicate Lovegrass)*	native	
84	Liliopsida	Poaceae	Eragrostis xerophila Domin *(Knotty-butt Neverfail)*	native	
85	Liliopsida	Poaceae	Eriachne aristidea F.Muell.	native	
86	Liliopsida	Poaceae	Eriachne ciliata R.Br. *(Slender Wandarrie Grass)*	native	
87	Liliopsida	Poaceae	Eriachne melicacea F.Muell.	native	
88	Liliopsida	Poaceae	Eriachne mucronata R.Br. *(Mountain Wanderrie Grass)*	native	
89	Liliopsida	Poaceae	Eriachne obtusa	native	
90	Liliopsida	Poaceae	Eriachne ovata	native	
91	Liliopsida	Poaceae	Eriachne pulchella Domin *(Pretty Wanderrie)*	native	
92	Liliopsida	Poaceae	Eriachne pulchella Domin subsp. pulchella	native	
93	Liliopsida	Poaceae	Eriachne sp. Dugald River (B.K. Simon+ 3007)	native	
94	Liliopsida	Poaceae	Eriachne tenuiculmis Hartley	native	
95	Liliopsida	Poaceae	Eulalia aurea (Bory) Kunth	native	
96	Liliopsida	Poaceae	Heteropogon contortus *(Bunch Speargrass)*	native	
97	Liliopsida	Poaceae	Iseilema dolichotrichum C.E.Hubb.	native	
98	Liliopsida	Poaceae	Iseilema vaginiflorum Domin *(Red Flinders Grass)*	native	
99	Liliopsida	Poaceae	Panicum australiense Domin *(Bunch Panic)*	native	
100	Liliopsida	Poaceae	Paraneurachne muelleri (Hack.) S.T.Blake *(Northern Mulga Grass)*	native	
101	Liliopsida	Poaceae	Paspalidium basicladum Hughes	native	
102	Liliopsida	Poaceae	Paspalidium clementii (Domin) C.E.Hubb. *(Clements Paspalidium)*	native	
103	Liliopsida	Poaceae	Paspalidium tabulatum (Hack.) C.E.Hubb.	native	
104	Liliopsida	Poaceae	Perotis rara R.Br. *(Comet Grass)*	native	
105	Liliopsida	Poaceae	Schizachyrium fragile (R.Br.) A.Camus *(Senale Redgrass)*	native	
106	Liliopsida	Poaceae	Setaria dielsii R.A.W.Herrm. *(Diels' Pigeon Grass)*	native	
107	Liliopsida	Poaceae	Setaria surgens Stapf *(Pigeon Grass)*	native	
108	Liliopsida	Poaceae	Setaria verticillata	alien	
109	Liliopsida	Poaceae	Sorghum plumosum (R.Br.) P.Beauv. *(Plume Canegrass)*	native	
110	Liliopsida	Poaceae	Sporobolus actinocladus (F.Muell.) F.Muell. *(Ray Grass)*	native	
111	Liliopsida	Poaceae	Sporobolus australasicus Domin *(Fairy Grass)*	native	
112	Liliopsida	Poaceae	Sporobolus ramigerus (F.Muell.) P.M.Peterson, Romasch. & R.L.Barrett	native	
113	Liliopsida	Poaceae	Themeda sp. Panorama (J. Nelson et al. NS 102)	native	P1
114	Liliopsida	Poaceae	Themeda triandra Forssk.	native	
115	Liliopsida	Poaceae	Tragus australianus S.T.Blake *(Small Burrgrass)*	native	
116	Liliopsida	Poaceae	Triodia angusta N.T.Burb.	native	
117	Liliopsida	Poaceae	Triodia basitricha M.D.Barrett *(Pilbara Curly Spinifex)*	native	P3
118	Liliopsida	Poaceae	Triodia brizoides	native	
119	Liliopsida	Poaceae	Triodia chichesterensis B.M.Anderson	native	P3
120	Liliopsida	Poaceae	Triodia epactia S.W.L.Jacobs	native	
121	Liliopsida	Poaceae	Triodia lanigera Domin	native	
122	Liliopsida	Poaceae	Triodia longiceps	native	
123	Liliopsida	Poaceae	Triodia wiseana C.A.Gardner *(Limestone Spinifex)*	native	
124	Liliopsida	Poaceae	Tripogonella loliiformis (F.Muell.) P.M.Peterson & Romasch. *(Five Minute Grass)*	native	
125	Liliopsida	Poaceae	Triraphis mollis R.Br. *(Needle Grass)*	native	
126	Liliopsida	Poaceae	Urochloa holosericea subsp. velutina R.D.Webster	native	
127	Liliopsida	Poaceae	Urochloa piligera (Benth.) R.D.Webster	native	
128	Liliopsida	Poaceae Barnhart	Cenchrus setiger *(Birdwood Grass)*	alien	
129	Liliopsida	Potamogetonaceae	Potamogeton tepperi A.Benn.	native	
130	Magnoliopsida	Acanthaceae	Rostellularia adscendens var. latifolia (Domin) R.M.Barker	native	P3
131	Magnoliopsida	Aizoaceae	Trianthema cusackianum	native	

132	Magnoliopsida	Aizoaceae	Trianthema oxycalyptrum F.Muell. var. oxycalyptrum	native	
133	Magnoliopsida	Aizoaceae	Trianthema pilosum F.Muell.	native	
134	Magnoliopsida	Aizoaceae	Trianthema triquetrum Willd. *(Red Spinach)*	native	
135	Magnoliopsida	Aizoaceae	Zaleya galericulata (Melville) H.Eichler subsp. galericulata	native	
136	Magnoliopsida	Amaranthaceae	Aerva javanica	alien	
137	Magnoliopsida	Amaranthaceae	Alternanthera		
138	Magnoliopsida	Amaranthaceae	Amaranthus		
139	Magnoliopsida	Amaranthaceae	Amaranthus mitchellii	native	
140	Magnoliopsida	Amaranthaceae	Amaranthus undulatus	native	
141	Magnoliopsida	Amaranthaceae	Gomphrena canescens R.Br. subsp. canescens	native	
142	Magnoliopsida	Amaranthaceae	Gomphrena cunninghamii (Moq.) Druce	native	
143	Magnoliopsida	Amaranthaceae	Gomphrena leptophylla (Benth.) J.Palmer	native	P3
144	Magnoliopsida	Amaranthaceae	Ptilotus aervoides	native	
145	Magnoliopsida	Amaranthaceae	Ptilotus astrolasius F.Muell.	native	
146	Magnoliopsida	Amaranthaceae	Ptilotus auriculifolius (Moq.) F.Muell.	native	
147	Magnoliopsida	Amaranthaceae	Ptilotus axillaris (Benth.) F.Muell. *(Mat Mulla Mulla)*	native	
148	Magnoliopsida	Amaranthaceae	Ptilotus calostachyus F.Muell. *(Weeping Mulla Mulla)*	native	
149	Magnoliopsida	Amaranthaceae	Ptilotus clementii (Farmar) Benl *(Tassel Top)*	native	
150	Magnoliopsida	Amaranthaceae	Ptilotus fusiformis (R.Br.) Poir.	native	
151	Magnoliopsida	Amaranthaceae	Ptilotus gomphrenoides Benth.	native	
152	Magnoliopsida	Amaranthaceae	Ptilotus helipteroides (F.Muell.) F.Muell. *(Hairy Mulla Mulla)*	native	
153	Magnoliopsida	Amaranthaceae	Ptilotus incanus (R.Br.) Poir.	native	
154	Magnoliopsida	Amaranthaceae	Ptilotus mollis Benl	native	P4
155	Magnoliopsida	Amaranthaceae Juss.	Ptilotus exaltatus *(Tall Mulla Mulla)*	native	
156	Magnoliopsida	Apocynaceae	Gymnanthera cunninghamii (Benth.) P.I.Forst.	native	P3
157	Magnoliopsida	Apocynaceae	Gymnema erectum (F.Muell.) P.I.Forst.	native	
158	Magnoliopsida	Araliaceae	Trachymene oleracea (Domin) B.L.Burtt	native	
159	Magnoliopsida	Araliaceae	Trachymene oleracea (Domin) B.L.Burtt subsp. oleracea	native	
160	Magnoliopsida	Asteraceae	Bidens bipinnata *(Bipinnate Beggartick)*	alien	
161	Magnoliopsida	Asteraceae	Blumea tenella DC.	native	
162	Magnoliopsida	Asteraceae	Calocephalus sp. Pilbara-Desert (M.E. Trudgen 11454)	native	
163	Magnoliopsida	Asteraceae	Calocephalus knappii	native	
164	Magnoliopsida	Asteraceae	Centipeda minima *(Spreading Sneezeweed)*	native	
165	Magnoliopsida	Asteraceae	Centipeda minima subsp. macrocephala N.G.Walsh	native	
166	Magnoliopsida	Asteraceae	Chrysocephalum apiculatum (Labill.) Steetz *(Yellow Buttons)*	native	
167	Magnoliopsida	Asteraceae	Chrysocephalum pterochaetum F.Muell.	native	
168	Magnoliopsida	Asteraceae	Flaveria trinervia (Spreng.) C.Mohr *(Speedy Weed)*	alien	
169	Magnoliopsida	Asteraceae	Pentalepis trichodesmoides F.Muell.	native	
170	Magnoliopsida	Asteraceae	Pentalepis trichodesmoides F.Muell. subsp. trichodesmoides	native	
171	Magnoliopsida	Asteraceae	Pluchea ferdinandi-muelleri Domin	native	
172	Magnoliopsida	Asteraceae	Pluchea rubelliflora (F.Muell.) B.L.Rob.	native	
173	Magnoliopsida	Asteraceae	Pluchea tetranthera F.Muell.	native	
174	Magnoliopsida	Asteraceae	Pseudognaphalium luteoalbum	mixed	
175	Magnoliopsida	Asteraceae	Pterocaulon serrulatum var. velutinum (Ewart & O.B.Davies) Guillaumin	native	
176	Magnoliopsida	Asteraceae	Pterocaulon sphacelatum	native	
177	Magnoliopsida	Asteraceae	Rhodanthe margarethae	native	
178	Magnoliopsida	Asteraceae	Siemssenia capillaris Steetz *(Wiry Podolepis)*	native	
179	Magnoliopsida	Asteraceae	Streptoglossa bubakii (Domin) Dunlop	native	
180	Magnoliopsida	Asteraceae	Streptoglossa decurrens (DC.) Dunlop	native	
181	Magnoliopsida	Asteraceae	Streptoglossa odora	native	
182	Magnoliopsida	Asteraceae Bercht. & J.Presl	Waitzia acuminata var. acuminata	native	
183	Magnoliopsida	Bixaceae	Cochlospermum macnamarae Hislop, K.R.Thiele & Brassington	native	P1
184	Magnoliopsida	Boraginaceae	Euploca		

185	Magnoliopsida	Boraginaceae	Euploca chrysocarpa (Craven) M.W.Frohl. & M.W.Chase	native	
186	Magnoliopsida	Boraginaceae	Euploca cunninghamii (Benth.) M.W.Frohl. & M.W.Chase	native	
187	Magnoliopsida	Boraginaceae	Euploca mutica (Domin) M.W.Frohl. & M.W.Chase	native	P3
188	Magnoliopsida	Boraginaceae	Heliotropium pachyphyllum	native	
189	Magnoliopsida	Boraginaceae	Heliotropium skeleton	native	
190	Magnoliopsida	Boraginaceae	Euploca tanythrix (Craven) M.W.Frohl. & M.W.Chase	native	
191	Magnoliopsida	Boraginaceae	Heliotropium crispatum Benth.	native	
192	Magnoliopsida	Boraginaceae	Heliotropium murinum Craven	native	P3
193	Magnoliopsida	Boraginaceae	Trichodesma zeylanicum (Burm.f.) R.Br. *(Camel Bush)*	native	
194	Magnoliopsida	Boraginaceae	Trichodesma zeylanicum (Burm.f.) R.Br. var. zeylanicum	native	
195	Magnoliopsida	Brassicaceae	Lepidium pholidogynum	native	
196	Magnoliopsida	Byblidaceae	Byblis pilbarana Lowrie & Conran	native	
197	Magnoliopsida	Campanulaceae	Lobelia arnhemiaca E.Wimm.	native	
198	Magnoliopsida	Capparaceae	Capparis lasiantha DC. *(Split Jack)*	native	
199	Magnoliopsida	Caryophyllaceae	Polycarpaea corymbosa	native	
200	Magnoliopsida	Caryophyllaceae	Polycarpaea holtzei Maiden & Betche	native	
201	Magnoliopsida	Caryophyllaceae	Polycarpaea involucrata F.Muell.	native	
202	Magnoliopsida	Caryophyllaceae	Polycarpaea longiflora F.Muell.	native	
203	Magnoliopsida	Celastraceae	Stackhousia muricata Lindl.	native	
204	Magnoliopsida	Chenopodiaceae	Dysphania plantaginella	native	
205	Magnoliopsida	Chenopodiaceae	Dysphania rhadinostachya (F.Muell.) A.J.Scott subsp. rhadinostachya	native	
206	Magnoliopsida	Chenopodiaceae	Salsola tragus	native	
207	Magnoliopsida	Chenopodiaceae	Sclerolaena cornishiana (F.Muell.) A.J.Scott *(Cartwheel Burr)*	native	
208	Magnoliopsida	Chenopodiaceae	Sclerolaena costata	native	
209	Magnoliopsida	Chenopodiaceae	Sclerolaena hostilis	native	
210	Magnoliopsida	Cleomaceae	Cleome uncifera	native	
211	Magnoliopsida	Cleomaceae	Cleome viscosa	native	
212	Magnoliopsida	Combretaceae	Terminalia circumalata F.Muell.	native	
213	Magnoliopsida	Convolvulaceae	Bonamia		
214	Magnoliopsida	Convolvulaceae	Bonamia erecta R.W.Johnson	native	
215	Magnoliopsida	Convolvulaceae	Bonamia linearis (R.Br.) Hallier f.	native	
216	Magnoliopsida	Convolvulaceae	Bonamia media (R.Br.) Hallier f.	native	
217	Magnoliopsida	Convolvulaceae	Bonamia pannosa (R.Br.) Hallier f.	native	
218	Magnoliopsida	Convolvulaceae	Bonamia pilbarensis R.W.Johnson	native	
219	Magnoliopsida	Convolvulaceae	Evolvulus alsinoides var. decumbens (R.Br.) Ooststr.	native	
220	Magnoliopsida	Convolvulaceae	Evolvulus alsinoides var. villosicalyx	native	
221	Magnoliopsida	Convolvulaceae	Ipomoea lonchophylla J.M.Black *(Cowvine)*	native	
222	Magnoliopsida	Convolvulaceae	Ipomoea muelleri Benth. *(Poison Morning Glory)*	native	
223	Magnoliopsida	Convolvulaceae	Polymeria sp.		
224	Magnoliopsida	Convolvulaceae	Polymeria ambigua R.Br. *(Morning Glory)*	native	
225	Magnoliopsida	Convolvulaceae	Polymeria lanata R.Br.	native	
226	Magnoliopsida	Cucurbitaceae	Cucumis sp.		
227	Magnoliopsida	Cucurbitaceae	Cucumis argenteus (Domin) P.Sebastian & I.Telford	native	
228	Magnoliopsida	Cucurbitaceae	Cucumis melo L. *(Ulcardo Melon)*	native	
229	Magnoliopsida	Cucurbitaceae	Cucumis sp. Chichester Range (A.A. Mitchell et al. AAM 10691)	native	
230	Magnoliopsida	Cucurbitaceae	Cucumis variabilis P.Sebastian & I.Telford	native	
231	Magnoliopsida	Cucurbitaceae	Trichosanthes cucumerina	native	
232	Magnoliopsida	Droseraceae	Drosera burmanni Vahl *(Tropical Sundew)*	native	
233	Magnoliopsida	Droseraceae	Drosera finlaysoniana Arn.	native	
234	Magnoliopsida	Elatinaceae	Bergia ammannioides Roxb.	native	
235	Magnoliopsida	Elatinaceae	Bergia pedicellaris (F.Muell.) Benth.	native	
236	Magnoliopsida	Euphorbiaceae	Adriana tomentosa Gaudich. var. tomentosa	native	
237	Magnoliopsida	Euphorbiaceae	Euphorbia australis Boiss. *(Namana)*	native	
238	Magnoliopsida	Euphorbiaceae	Euphorbia biconvexa Domin	native	

239	Magnoliopsida	Euphorbiaceae	Euphorbia careyi F.Muell.	native	
240	Magnoliopsida	Euphorbiaceae	Euphorbia clementii Domin	native	P3
241	Magnoliopsida	Euphorbiaceae	Euphorbia coghlanii F.M.Bailey *(Namana)*	native	
242	Magnoliopsida	Euphorbiaceae	Euphorbia inappendiculata Domin var. inappendiculata	native	P2
243	Magnoliopsida	Euphorbiaceae	Euphorbia trigonosperma Halford & W.K.Harris	native	
244	Magnoliopsida	Euphorbiaceae	Euphorbia vaccaria var. erucoides Halford & W.K.Harris	native	
245	Magnoliopsida	Fabaceae	Acacia sp.		
246	Magnoliopsida	Fabaceae	Acacia acradenia F.Muell.	native	
247	Magnoliopsida	Fabaceae	Acacia ampliceps	native	
248	Magnoliopsida	Fabaceae	Acacia ancistrocarpa Maiden & Blakely *(Fitzroy Wattle)*	native	
249	Magnoliopsida	Fabaceae	Acacia arida Benth.	native	
250	Magnoliopsida	Fabaceae	Acacia arrecta Maslin	native	
251	Magnoliopsida	Fabaceae	Acacia bivenosa DC.	native	
252	Magnoliopsida	Fabaceae	Acacia coriacea subsp. pendens R.S.Cowan & Maslin	native	
253	Magnoliopsida	Fabaceae	Acacia cuthbertsonii subsp. cuthbertsonii	native	
254	Magnoliopsida	Fabaceae	Acacia cyperophylla var. omearana Maslin	native	P1
255	Magnoliopsida	Fabaceae	Acacia eriopoda Maiden & Blakely *(Broome Pindan Wattle)*	native	
256	Magnoliopsida	Fabaceae	Acacia eriopoda x trachycarpa	native	
257	Magnoliopsida	Fabaceae	Acacia glaucocaesia Domin	native	
258	Magnoliopsida	Fabaceae	Acacia hilliana Maiden	mixed	
259	Magnoliopsida	Fabaceae	Acacia inaequilatera Domin *(Baderi)*	native	
260	Magnoliopsida	Fabaceae	Acacia leeuweniana *(Leeuwenâ€™s Wattle)*	native	P1
261	Magnoliopsida	Fabaceae	Acacia levata	native	P3
262	Magnoliopsida	Fabaceae	Acacia ligulata Benth. *(Umbrella Bush)*	native	
263	Magnoliopsida	Fabaceae	Acacia maitlandii	native	
264	Magnoliopsida	Fabaceae	Acacia orthocarpa F.Muell. *(Needleleaf Wattle)*	native	
265	Magnoliopsida	Fabaceae	Acacia ptychophylla F.Muell.	native	
266	Magnoliopsida	Fabaceae	Acacia pyrifolia DC. *(Ranji Bush)*	native	
267	Magnoliopsida	Fabaceae	Acacia pyrifolia DC. var. pyrifolia	native	
268	Magnoliopsida	Fabaceae	Acacia retivenea subsp. clandestina R.S.Cowan & Maslin	native	
269	Magnoliopsida	Fabaceae	Acacia sabulosa Maslin	native	
270	Magnoliopsida	Fabaceae	Acacia sp. Marble Bar (J.G. & M.H. Simmons 3499)	native	P1
271	Magnoliopsida	Fabaceae	Acacia sp. Nullagine (B.R. Maslin 4955)	native	P1
272	Magnoliopsida	Fabaceae	Acacia sphaerostachya E.Pritz.	native	
273	Magnoliopsida	Fabaceae	Acacia spondylophylla F.Muell.	native	
274	Magnoliopsida	Fabaceae	Acacia stellaticeps Kodela, Tindale & D.Keith	native	
275	Magnoliopsida	Fabaceae	Acacia synchronicia Maslin	native	
276	Magnoliopsida	Fabaceae	Acacia tetragonophylla F.Muell. *(Kurara)*	native	
277	Magnoliopsida	Fabaceae	Acacia trachycarpa E.Pritz. *(Minni Ritchi)*	native	
278	Magnoliopsida	Fabaceae	Acacia trachycarpa x tumida var. pilbarensis	native	
279	Magnoliopsida	Fabaceae	Acacia tumida Benth. *(Pindan Wattle)*	native	
280	Magnoliopsida	Fabaceae	Acacia tumida var. pilbarensis M.W.McDonald	native	
281	Magnoliopsida	Fabaceae	Acacia wanyu Tindale	native	
282	Magnoliopsida	Fabaceae	Alysicarpus muelleri Schindl.	native	
283	Magnoliopsida	Fabaceae	Cajanus		
284	Magnoliopsida	Fabaceae	Cajanus cinereus (Benth.) F.Muell.	native	
285	Magnoliopsida	Fabaceae	Crotalaria cunninghamii R.Br. *(Green Birdflower)*	native	
286	Magnoliopsida	Fabaceae	Crotalaria cunninghamii subsp. sturtii (R.Br.) A.E.Holland	native	
287	Magnoliopsida	Fabaceae	Crotalaria medicaginea Lam.	native	
288	Magnoliopsida	Fabaceae	Crotalaria medicaginea var. neglecta (Wight & Arn.) Baker	native	
289	Magnoliopsida	Fabaceae	Crotalaria novae-hollandiae DC. subsp. novae-hollandiae	native	
290	Magnoliopsida	Fabaceae	Crotalaria ramosissima Roxb.	native	
291	Magnoliopsida	Fabaceae	Cullen badocanum (Blanco) Verdc.	native	
292	Magnoliopsida	Fabaceae	Cullen graveolens (Domin) J.W.Grimes	native	
293	Magnoliopsida	Fabaceae	Cullen lachnostachys (F.Muell.) J.W.Grimes	native	

294	Magnoliopsida	Fabaceae	Cullen leucanthum	native	
295	Magnoliopsida	Fabaceae	Cullen leucochaites J.W.Grimes	native	
296	Magnoliopsida	Fabaceae	Cullen martinii (F.Muell.) J.W.Grimes	native	
297	Magnoliopsida	Fabaceae	Cullen pogonocarpum J.W.Grimes	native	
298	Magnoliopsida	Fabaceae	Cullen pustulatum (F.Muell.) J.W.Grimes	native	
299	Magnoliopsida	Fabaceae	Cullen stipulaceum (Decne.) J.W.Grimes	native	
300	Magnoliopsida	Fabaceae	Desmodiopsis campylocaulon (Benth.) H.Ohashi & K.Ohashi	native	
301	Magnoliopsida	Fabaceae	Dichrostachys spicata (F.Muell.) Domin *(Pied Piper Bush)*	native	
302	Magnoliopsida	Fabaceae	Gastrolobium grandiflorum F.Muell. *(Wallflower Poison)*	native	
303	Magnoliopsida	Fabaceae	Grona filiformis (Zoll. & Moritzi) H.Ohashi & K.Ohashi	native	
304	Magnoliopsida	Fabaceae	Grona muelleri (Benth.) H.Ohashi & K.Ohashi	native	
305	Magnoliopsida	Fabaceae	Indigastrum parviflorum (Wight & Arn.) Schrire	native	
306	Magnoliopsida	Fabaceae	Indigofera colutea (Burm.f.) Merr. *(Sticky Indigo)*	native	
307	Magnoliopsida	Fabaceae	Indigofera deserticola Peter G.Wilson & Rowe	native	
308	Magnoliopsida	Fabaceae	Indigofera hirsuta *(Hairy Indigo)*	native	
309	Magnoliopsida	Fabaceae	Indigofera monophylla DC.	native	
310	Magnoliopsida	Fabaceae	Indigofera rugosa Benth.	native	
311	Magnoliopsida	Fabaceae	Indigofera trita L.f.	native	
312	Magnoliopsida	Fabaceae	Indigofera trita L.f. subsp. trita	native	
313	Magnoliopsida	Fabaceae	Leucaena leucocephala (Lam.) de Wit *(Leucaena)*	alien	
314	Magnoliopsida	Fabaceae	Petalostylis labicheoides	native	
315	Magnoliopsida	Fabaceae	Rhynchosia australis Benth. *(Rhynchosia)*	native	
316	Magnoliopsida	Fabaceae	Rhynchosia bungarensis Maesen	native	P4
317	Magnoliopsida	Fabaceae	Rothia indica subsp. australis A.E.Holland	native	P3
318	Magnoliopsida	Fabaceae	Senna		
319	Magnoliopsida	Fabaceae	Senna artemisioides (DC.) Randell	native	
320	Magnoliopsida	Fabaceae	Senna artemisioides subsp. helmsii (Symon) Randell	native	
321	Magnoliopsida	Fabaceae	Senna artemisioides subsp. oligophylla (F.Muell.) Randell	native	
322	Magnoliopsida	Fabaceae	Senna glaucifolia (Randell) Randell	native	
323	Magnoliopsida	Fabaceae	Senna glutinosa (DC.) Randell	native	
324	Magnoliopsida	Fabaceae	Senna glutinosa (DC.) Randell subsp. glutinosa	native	
325	Magnoliopsida	Fabaceae	Senna glutinosa subsp. chatelainiana (Gaudich.) Randell	native	
326	Magnoliopsida	Fabaceae	Senna glutinosa subsp. pruinosa (F.Muell.) Randell	native	
327	Magnoliopsida	Fabaceae	Senna glutinosa subsp. x luerssenii (Domin) Randell	native	
328	Magnoliopsida	Fabaceae	Senna notabilis	native	
329	Magnoliopsida	Fabaceae	Senna symonii	native	
330	Magnoliopsida	Fabaceae	Senna venusta	native	
331	Magnoliopsida	Fabaceae	Sesbania cannabina (Retz.) Pers. *(Sesbania Pea)*	native	
332	Magnoliopsida	Fabaceae	Sesbania formosa	native	
333	Magnoliopsida	Fabaceae	Swainsona sp.		
334	Magnoliopsida	Fabaceae	Swainsona decurrens A.T.Lee	native	
335	Magnoliopsida	Fabaceae	Swainsona formosa (G.Don) Joy Thomps.	native	
336	Magnoliopsida	Fabaceae	Swainsona kingii F.Muell.	native	
337	Magnoliopsida	Fabaceae	Swainsona stenodonta F.Muell.	native	
338	Magnoliopsida	Fabaceae	Templetonia hookeri (F.Muell.) Benth.	native	
339	Magnoliopsida	Fabaceae	Tephrosia clementii Skan	native	
340	Magnoliopsida	Fabaceae	Tephrosia densa (Benth.) R.Butcher	native	
341	Magnoliopsida	Fabaceae	Tephrosia rosea Benth. var. rosea	native	
342	Magnoliopsida	Fabaceae	Tephrosia rosea var. clementii Domin	native	
343	Magnoliopsida	Fabaceae	Tephrosia simplicifolia Benth.	native	
344	Magnoliopsida	Fabaceae	Tephrosia sp. B Kimberley Flora (C.A. Gardner 7300)	native	
345	Magnoliopsida	Fabaceae	Tephrosia sp. Bungaroo Creek (M.E. Trudgen 11601)	native	
346	Magnoliopsida	Fabaceae	Tephrosia sp. NW Eremaean (S. van Leeuwen et al. PBS 0356)	native	
347	Magnoliopsida	Fabaceae	Tephrosia sp. clay soils (S. van Leeuwen et al. PBS 0273)	native	

348	Magnoliopsida	Fabaceae	Tephrosia savannicola	native	
349	Magnoliopsida	Fabaceae	Tephrosia supina Domin	native	
350	Magnoliopsida	Fabaceae	Tephrosia virens Pedley	native	
351	Magnoliopsida	Fabaceae	Vachellia farnesiana *(Mimosa Bush)*	alien	
352	Magnoliopsida	Fabaceae	Vigna lanceolata Benth. *(Maloga Vigna)*	native	
353	Magnoliopsida	Fabaceae	Vigna lanceolata Benth. var. lanceolata	native	
354	Magnoliopsida	Fabaceae	Vigna sp. Hamersley Clay (A.A. Mitchell PRP 113)	native	
355	Magnoliopsida	Fabaceae	Zornia albiflora Mohlenbr.	native	
356	Magnoliopsida	Fabaceae Lindl.	Acacia adsurgens	native	
357	Magnoliopsida	Fabaceae Lindl.	Acacia cyperophylla *(Miniritchie)*	native	
358	Magnoliopsida	Fabaceae Lindl.	Acacia cyperophylla var. cyperophylla	native	
359	Magnoliopsida	Fabaceae Lindl.	Acacia sclerosperma subsp. sclerosperma	native	
360	Magnoliopsida	Fabaceae Lindl.	Acacia tumida var. tumida	native	
361	Magnoliopsida	Fabaceae Lindl.	Isotropis atropurpurea *(Poison Sage)*	native	
362	Magnoliopsida	Fabaceae Lindl.	Tephrosia brachyodon	native	
363	Magnoliopsida	Fabaceae Lindl.	Tephrosia spechtii	native	
364	Magnoliopsida	Gentianaceae	Schenkia clementii (Domin) G.Mans.	native	
365	Magnoliopsida	Goodeniaceae	Dampiera sp.		
366	Magnoliopsida	Goodeniaceae	Dampiera candicans F.Muell.	native	
367	Magnoliopsida	Goodeniaceae	Goodenia forrestii F.Muell.	native	
368	Magnoliopsida	Goodeniaceae	Goodenia lamprosperma	native	
369	Magnoliopsida	Goodeniaceae	Goodenia microptera	native	
370	Magnoliopsida	Goodeniaceae	Goodenia muelleriana Carolin	native	
371	Magnoliopsida	Goodeniaceae	Goodenia prostrata Carolin	native	
372	Magnoliopsida	Goodeniaceae	Goodenia stobbsiana F.Muell.	native	
373	Magnoliopsida	Goodeniaceae	Scaevola amblyanthera var. centralis Carolin	native	
374	Magnoliopsida	Goodeniaceae R.Br.	Goodenia ramelii	native	
375	Magnoliopsida	Haloragaceae	Haloragis gossei F.Muell. var. gossei	native	
376	Magnoliopsida	Haloragaceae	Myriophyllum verrucosum Lindl. *(Red Water Milfoil)*	native	
377	Magnoliopsida	Lamiaceae	Clerodendrum floribundum var. angustifolium Moldenke	native	
378	Magnoliopsida	Lamiaceae	Clerodendrum floribundum var. ovatum (R.Br.) Domin	native	
379	Magnoliopsida	Lamiaceae	Quoya zonalis *(Pilbara Foxglove)*	native	EN
380	Magnoliopsida	Loganiaceae Mart.	Mitrasacme connata R.Br.	native	
381	Magnoliopsida	Loranthaceae	Amyema preissii (Miq.) Tiegh. *(Wireleaf Mistletoe)*	native	
382	Magnoliopsida	Loranthaceae	Amyema sanguinea (F.Muell.) Danser var. sanguinea	native	
383	Magnoliopsida	Loranthaceae	Lysiana casuarinae (Miq.) Tiegh.	native	
384	Magnoliopsida	Lythraceae	Ammannia baccifera	native	
385	Magnoliopsida	Lythraceae	Ammannia multiflora Roxb.	native	
386	Magnoliopsida	Malvaceae	Abutilon sp.		
387	Magnoliopsida	Malvaceae	Abutilon hannii Baker f.	native	
388	Magnoliopsida	Malvaceae	Abutilon lepidum	native	
389	Magnoliopsida	Malvaceae	Abutilon malvifolium (Benth.) J.M.Black *(Bastard Marshmallow)*	native	
390	Magnoliopsida	Malvaceae	Corchorus		
391	Magnoliopsida	Malvaceae	Corchorus elachocarpus F.Muell.	native	
392	Magnoliopsida	Malvaceae	Corchorus incanus Halford	native	
393	Magnoliopsida	Malvaceae	Corchorus laniflorus Rye	native	
394	Magnoliopsida	Malvaceae	Corchorus parviflorus (Benth.) Domin	native	
395	Magnoliopsida	Malvaceae	Corchorus sp. Yarrie (J. Bull & D. Roberts CAL 01.05)	native	P1
396	Magnoliopsida	Malvaceae	Corchorus tridens L.	native	
397	Magnoliopsida	Malvaceae	Corchorus trilocularis L.	native	
398	Magnoliopsida	Malvaceae	Corchorus walcottii F.Muell. *(Woolly Corchorus)*	native	
399	Magnoliopsida	Malvaceae	Gossypium australe F.Muell. *(Native Cotton)*	native	
400	Magnoliopsida	Malvaceae	Gossypium robinsonii *(Wild Cotton)*	native	
401	Magnoliopsida	Malvaceae	Hibiscus		
402	Magnoliopsida	Malvaceae	Hibiscus austrinus Juswara & Craven var. austrinus	native	

403	Magnoliopsida	Malvaceae	Hibiscus brachychlaenus F.Muell.	native	
404	Magnoliopsida	Malvaceae	Hibiscus brachysiphonius F.Muell.	native	
405	Magnoliopsida	Malvaceae	Hibiscus coatesii F.Muell.	native	
406	Magnoliopsida	Malvaceae	Hibiscus goldsworthii F.Muell.	native	
407	Magnoliopsida	Malvaceae	Hibiscus leptocladus Benth.	native	
408	Magnoliopsida	Malvaceae	Hibiscus sturtii Hook. *(Sturt's Hibiscus)*	native	
409	Magnoliopsida	Malvaceae	Hibiscus sturtii var. campylochlamys Benth.	native	
410	Magnoliopsida	Malvaceae	Sida cardiophylla	native	
411	Magnoliopsida	Malvaceae	Sida clementii	native	
412	Magnoliopsida	Malvaceae	Sida echinocarpa	native	
413	Magnoliopsida	Malvaceae	Sida macropoda Benth.	native	
414	Magnoliopsida	Malvaceae	Sida sp. Articulation below (A.A. Mitchell PRP 1605)	native	
415	Magnoliopsida	Malvaceae	Sida sp. Excedentifolia (J.L. Egan 1925)	native	
416	Magnoliopsida	Malvaceae	Triumfetta sp.		
417	Magnoliopsida	Malvaceae	Triumfetta appendiculata F.Muell.	native	
418	Magnoliopsida	Malvaceae	Triumfetta chaetocarpa F.Muell. *(Urchins)*	native	
419	Magnoliopsida	Malvaceae	Triumfetta clementii (Domin) Rye	native	
420	Magnoliopsida	Malvaceae	Triumfetta maconochieana Halford	native	
421	Magnoliopsida	Malvaceae	Triumfetta propinqua Halford	native	
422	Magnoliopsida	Malvaceae	Waltheria sp.		
423	Magnoliopsida	Malvaceae	Waltheria indica	native	
424	Magnoliopsida	Malvaceae	Waltheria virgata Ewart & Cookson	native	
425	Magnoliopsida	Malvaceae Juss.	Melhania oblongifolia F.Muell.	native	
426	Magnoliopsida	Molluginaceae	Trigastrotheca molluginea F.Muell.	native	
427	Magnoliopsida	Moraceae	Ficus aculeata var. indecora (Miq.) D.J.Dixon *(Ranji)*	native	
428	Magnoliopsida	Myrtaceae	Corymbia flavescens K.D.Hill & L.A.S.Johnson	native	
429	Magnoliopsida	Myrtaceae	Corymbia hamersleyana (D.J.Carr & S.G.M.Carr) K.D.Hill & L.A.S.Johnson	native	
430	Magnoliopsida	Myrtaceae	Corymbia zygophylla (Blakely) K.D.Hill & L.A.S.Johnson	native	
431	Magnoliopsida	Myrtaceae	Eucalyptus camaldulensis	mixed	
432	Magnoliopsida	Myrtaceae	Eucalyptus camaldulensis subsp. refulgens	native	
433	Magnoliopsida	Myrtaceae	Eucalyptus leucophloia Brooker subsp. leucophloia	native	
434	Magnoliopsida	Myrtaceae	Eucalyptus victrix L.A.S.Johnson & K.D.Hill	native	
435	Magnoliopsida	Myrtaceae	Melaleuca argentea *(Silver Cadjeput)*	native	
436	Magnoliopsida	Myrtaceae	Melaleuca glomerata F.Muell.	native	
437	Magnoliopsida	Myrtaceae	Melaleuca linophylla F.Muell.	native	
438	Magnoliopsida	Myrtaceae Juss.	Eucalyptus camaldulensis subsp. obtusa *(Blunt-budded River Red Gum)*	mixed	
439	Magnoliopsida	Myrtaceae Juss.	Melaleuca lasiandra F.Muell.	native	
440	Magnoliopsida	Nyctaginaceae	Boerhavia sp.		
441	Magnoliopsida	Nyctaginaceae	Boerhavia burbidgeana Hewson	native	
442	Magnoliopsida	Nyctaginaceae	Boerhavia coccinea Mill. *(Tar Vine)*	mixed	
443	Magnoliopsida	Nyctaginaceae	Boerhavia gardneri Hewson	native	
444	Magnoliopsida	Oleaceae	Jasminum didymum subsp. lineare (R.Br.) P.S.Green *(Desert Jasmine)*	native	
445	Magnoliopsida	Onagraceae	Ludwigia perennis L.	native	
446	Magnoliopsida	Orobanchaceae	Buchnera linearis R.Br. *(Blackrod)*	native	
447	Magnoliopsida	Papaveraceae	Argemone ochroleuca Sweet *(Mexican Poppy)*	alien	
448	Magnoliopsida	Papaveraceae	Argemone ochroleuca Sweet subsp. ochroleuca	alien	
449	Magnoliopsida	Pedaliaceae	Josephinia eugeniae F.Muell. *(Josephinia Burr)*	native	
450	Magnoliopsida	Pedaliaceae	Josephinia sp. Mt Edgar Station (N.T. Burbidge 1194)	native	
451	Magnoliopsida	Pedaliaceae	Josephinia sp. Woodstock (A.A. Mitchell PRP 989)	native	P1
452	Magnoliopsida	Phrymaceae	Peplidium sp. E Evol. Fl. Fauna Arid Aust. (A.S. Weston 12768)	native	
453	Magnoliopsida	Phyllanthaceae	Flueggea virosa subsp. melanthesoides (F.Muell.) G.L.Webster *(Dogwood)*	native	
454	Magnoliopsida	Phyllanthaceae	Nellica maderaspatensis	native	

455	Magnoliopsida	Phyllanthaceae	Notoleptopus decaisnei (Benth.) Voronts. & Petra Hoffm.	native	
456	Magnoliopsida	Phyllanthaceae	Phyllanthus hebecarpus Benth.	native	P3
457	Magnoliopsida	Plantaginaceae	Stemodia grossa Benth. *(Marsh Stemodia)*	native	
458	Magnoliopsida	Plantaginaceae	Stemodia viscosa Roxb. *(Pagurda)*	native	
459	Magnoliopsida	Polygalaceae	Polygala		
460	Magnoliopsida	Polygalaceae	Polygala isingii Pedley	native	
461	Magnoliopsida	Portulacaceae	Portulaca sp.		
462	Magnoliopsida	Portulacaceae	Portulaca conspicua Domin	native	
463	Magnoliopsida	Portulacaceae	Portulaca oleracea *(Purslane)*	mixed	
464	Magnoliopsida	Proteaceae	Grevillea pyramidalis subsp. leucadendron (R.Br.) Makinson	native	
465	Magnoliopsida	Proteaceae	Grevillea wickhamii subsp. aprica McGill.	native	
466	Magnoliopsida	Proteaceae	Grevillea wickhamii subsp. hispidula	native	
467	Magnoliopsida	Proteaceae Juss.	Grevillea pyramidalis *(Caustic Bush, Tjungu)*	native	
468	Magnoliopsida	Rubiaceae	Dolichocarpa sp. Hamersley Station (A.A. Mitchell PRP 1479)	native	P3
469	Magnoliopsida	Rubiaceae	Oldenlandia galioides	native	
470	Magnoliopsida	Rubiaceae	Synaptantha tillaeacea (F.Muell.) Hook.f.	native	
471	Magnoliopsida	Rubiaceae	Synaptantha tillaeacea (F.Muell.) Hook.f. var. tillaeacea	native	
472	Magnoliopsida	Rutaceae Juss.	Drummondita hassellii	native	
473	Magnoliopsida	Santalaceae	Santalum lanceolatum R.Br. *(Northern Sandalwood)*	native	
474	Magnoliopsida	Sapindaceae	Dodonaea petiolaris F.Muell.	native	
475	Magnoliopsida	Sapindaceae Juss.	Atalaya hemiglauca (F.Muell.) Benth. *(Whitewood)*	native	
476	Magnoliopsida	Scrophulariaceae	Eremophila sp.		
477	Magnoliopsida	Scrophulariaceae	Eremophila latrobei subsp. glabra	native	
478	Magnoliopsida	Scrophulariaceae	Eremophila longifolia (R.Br.) F.Muell. *(Berrigan)*	native	
479	Magnoliopsida	Solanaceae	Nicotiana		
480	Magnoliopsida	Solanaceae	Nicotiana benthamiana Domin *(Tjuntiwari)*	native	
481	Magnoliopsida	Solanaceae	Nicotiana bilybara M.W.Chase & Christenh.	native	
482	Magnoliopsida	Solanaceae	Nicotiana occidentalis H.-M.Wheeler *(Native Tobacco)*	native	
483	Magnoliopsida	Solanaceae	Nicotiana umbratica N.T.Burb.	native	P3
484	Magnoliopsida	Solanaceae	Physalis angulata	alien	
485	Magnoliopsida	Solanaceae	Solanum		
486	Magnoliopsida	Solanaceae	Solanum beaugleholei Symon	native	
487	Magnoliopsida	Solanaceae	Solanum chippendalei	native	
488	Magnoliopsida	Solanaceae	Solanum cleistogamum Symon	native	
489	Magnoliopsida	Solanaceae	Solanum diversiflorum	native	
490	Magnoliopsida	Solanaceae	Solanum horridum	native	
491	Magnoliopsida	Solanaceae	Solanum lasiophyllum Poir. *(Flannel Bush)*	mixed	
492	Magnoliopsida	Solanaceae	Solanum phlomoides	native	
493	Magnoliopsida	Stylidiaceae	Stylidium desertorum Carlquist	native	
494	Magnoliopsida	Stylidiaceae	Stylidium weeliwolli Lowrie & Kenneally	native	P3
495	Magnoliopsida	Violaceae	Afrohybanthus aurantiacus (Benth.) Flicker	native	
496	Magnoliopsida	Zygophyllaceae	Tribulopis angustifolia R.Br.	native	
497	Magnoliopsida	Zygophyllaceae	Tribulus hirsutus	native	
498	Magnoliopsida	Zygophyllaceae	Tribulus macrocarpus Benth.	native	
499	Magnoliopsida	Zygophyllaceae	Tribulus occidentalis *(Perennial Caltrop)*	native	
500	Magnoliopsida	Zygophyllaceae	Tribulus platypterus	native	
501	Magnoliopsida	Zygophyllaceae	Tribulus sp. long-styled eichlerianus (A.S. George 10666)	native	
502	Marchantiopsida	Ricciaceae	Riccia macrospora		
503	Psilotopsida	Ophioglossaceae	Ophioglossum lusitanicum L. *(Adders Tongue)*	native	
504	Pteridopsida	Marsileaceae	Marsilea sp.		
505	Pteridopsida	Marsileaceae	Marsilea exarata A.Braun	native	
506	Pteridopsida	Marsileaceae	Marsilea hirsuta R.Br. *(Nardoo)*	native	
507	Pteridopsida	Pteridaceae	Acrostichum speciosum Willd.	native	
508	Pteridopsida	Pteridaceae	Cheilanthes sieberi Kunze *(Mulga Fern)*	native	
509	Pteridopsida	Pteridaceae	Cheilanthes sieberi Kunze subsp. sieberi	native	

510	Pteridopsida	Pteridaceae	Cheilanthes sieberi subsp. pseudovellea H.M.Quirk & T.C.Chambers	native	

Conservation status definitions

Threatened species

- CR – Critically Endangered
- EN – Endangered
- VU – Vulnerable
- EX – Extinct
- EW – Extinct in the Wild
- CD – Species of special conservation interest (conservation dependent)
- OS – Species otherwise in need of special protection (other specially protected)
- MI – Migratory
- SP – Specially protected species

Priority species

- P1 – Priority 1: Poorly-known species – known from few locations, none on conservation lands
- P2 – Priority 2: Poorly-known species – known from few locations, some on conservation lands
- P3 – Priority 3: Poorly-known species – known from several locations
- P4 – Priority 4: Rare, Near Threatened and other species in need of monitoring

Dandjoo specific codes

- Parent of conservation listed taxa
- Cons code inherited from parent, X

Read full definitions at https://bio.wa.gov.au/guide/conservation-status-definitions

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Further note, precise locations of conservation listed species are considered sensitive. To protect this information, obfuscation has been applied to conservation-listed species records. For these species, the true location is Â±10km from the search area used to generate this species list.

APPENDIX D – EPBC PMST SEARCH REPORT

EPBC Act Protected Matters Report

This report provides general guidance on matters of national environmental significance and other matters protected by the EPBC Act in the area you have selected. Please see the caveat for interpretation of information provided here.

Report created: 06-May-2024

Summary
Details
- Matters of NES
- Other Matters Protected by the EPBC Act
- Extra Information

Caveat
Acknowledgements

Summary

Matters of National Environment Significance

This part of the report summarises the matters of national environmental significance that may occur in, or may relate to, the area you nominated. Further information is available in the detail part of the report, which can be accessed by scrolling or following the links below. If you are proposing to undertake an activity that may have a significant impact on one or more matters of national environmental significance then you should consider the Administrative Guidelines on Significance.

World Heritage Properties:	None
National Heritage Places:	None
Wetlands of International Importance (Ramsar	1
Great Barrier Reef Marine Park:	None
Commonwealth Marine Area:	None
Listed Threatened Ecological Communities:	None
Listed Threatened Species:	37
Listed Migratory Species:	46

Other Matters Protected by the EPBC Act

This part of the report summarises other matters protected under the Act that may relate to the area you nominated. Approval may be required for a proposed activity that significantly affects the environment on Commonwealth land, when the action is outside the Commonwealth land, or the environment anywhere when the action is taken on Commonwealth land. Approval may also be required for the Commonwealth or Commonwealth agencies proposing to take an action that is likely to have a significant impact on the environment anywhere.

The EPBC Act protects the environment on Commonwealth land, the environment from the actions taken on Commonwealth land, and the environment from actions taken by Commonwealth agencies. As heritage values of a place are part of the 'environment', these aspects of the EPBC Act protect the Commonwealth Heritage values of a Commonwealth Heritage place. Information on the new heritage laws can be found at https://www.dcceew.gov.au/parks-heritage/heritage

A permit may be required for activities in or on a Commonwealth area that may affect a member of a listed threatened species or ecological community, a member of a listed migratory species, whales and other cetaceans, or a member of a listed marine species.

Commonwealth Lands:	45
Commonwealth Heritage Places:	None
Listed Marine Species:	78
Whales and Other Cetaceans:	13
Critical Habitats:	None
Commonwealth Reserves Terrestrial:	None
Australian Marine Parks:	None
Habitat Critical to the Survival of Marine Turtles:	1

Extra Information

This part of the report provides information that may also be relevant to the area you have

State and Territory Reserves:	3
Regional Forest Agreements:	None
Nationally Important Wetlands:	3
EPBC Act Referrals:	83
Key Ecological Features (Marine):	None
Biologically Important Areas:	6
Bioregional Assessments:	None
Geological and Bioregional Assessments:	None

Details

Matters of National Environmental Significance

Wetlands of International Importance (Ramsar Wetlands)		[Resource Information]
Ramsar Site Name	Proximity	Buffer Status
Eighty-mile beach	30 - 40km upstream from Ramsar site	In buffer area only

Listed Threatened Species			[Resource Information]
Status of Conservation Dependent and Extinct are not MNES under the EPBC Act. Number is the current name ID.			
Scientific Name	Threatened Category	Presence Text	Buffer Status
BIRD			
Calidris acuminata Sharp-tailed Sandpiper [874]	Vulnerable	Species or species habitat known to occur within area	In feature area
Calidris canutus Red Knot, Knot [855]	Vulnerable	Species or species habitat known to occur within area	In buffer area only
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat known to occur within area	In feature area
Charadrius leschenaultii Greater Sand Plover, Large Sand Plover [877]	Vulnerable	Species or species habitat known to occur within area	In buffer area only
Erythrotriorchis radiatus Red Goshawk [942]	Endangered	Species or species habitat may occur within area	In feature area
Falco hypoleucos Grey Falcon [929]	Vulnerable	Species or species habitat known to occur within area	In feature area
Limnodromus semipalmatus Asian Dowitcher [843]	Vulnerable	Species or species habitat likely to occur within area	In buffer area only

Scientific Name	Threatened Category	Presence Text	Buffer Status
Limosa lapponica menzbieri			
Northern Siberian Bar-tailed Godwit, Russkoye Bar-tailed Godwit [86432]	Endangered	Species or species habitat known to occur within area	In buffer area only
Macronectes giganteus			
Southern Giant-Petrel, Southern Giant Petrel [1060]	Endangered	Species or species habitat may occur within area	In buffer area only
Numenius madagascariensis			
Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat known to occur within area	In buffer area only
Pezoporus occidentalis			
Night Parrot [59350]	Endangered	Species or species habitat likely to occur within area	In feature area
Phaethon rubricauda westralis			
Red-tailed Tropicbird (Indian Ocean), Indian Ocean Red-tailed Tropicbird [91824]	Endangered	Species or species habitat likely to occur within area	In buffer area only
Polytelis alexandrae			
Princess Parrot, Alexandra's Parrot [758]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Rostratula australis			
Australian Painted Snipe [77037]	Endangered	Species or species habitat may occur within area	In feature area
Tringa nebularia			
Common Greenshank, Greenshank [832]	Endangered	Species or species habitat likely to occur within area	In buffer area only
FISH			
Thunnus maccoyii			
Southern Bluefin Tuna [69402]	Conservation Dependent	Species or species habitat likely to occur within area	In buffer area only
MAMMAL			
Balaenoptera musculus			
Blue Whale [36]	Endangered	Species or species habitat likely to occur within area	In buffer area only
Dasyurus hallucatus			
Northern Quoll, Digul [Gogo-Yimidir], Wijingadda [Dambimangari], Wiminji [Martu] [331]	Endangered	Species or species habitat known to occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
[Macroderma gigas](#)			
Ghost Bat [174]	Vulnerable	Breeding known to occur within area	In feature area
[Macrotis lagotis](#)			
Greater Bilby [282]	Vulnerable	Species or species habitat known to occur within area	In feature area
[Rhinonicteris aurantia (Pilbara form)](#)			
Pilbara Leaf-nosed Bat [82790]	Vulnerable	Roosting known to occur within area	In feature area
PLANT			
[Quoya zonalis listed as Pityrodia sp. Marble Bar (G.Woodman & D.Coultas GWDC Opp 4)](#)			
Pilbara Foxglove [91588]	Endangered (listed as Pityrodia sp. Marble Bar	Species or species habitat known to occur within area	In feature area
REPTILE			
[Aipysurus apraefrontalis](#)			
Short-nosed Sea Snake, Short-nosed Seasnake [1115]	Critically Endangered	Species or species habitat likely to occur within area	In buffer area only
[Aipysurus foliosquama](#)			
Leaf-scaled Sea Snake, Leaf-scaled Seasnake [1118]	Critically Endangered	Species or species habitat known to occur within area	In buffer area only
[Caretta caretta](#)			
Loggerhead Turtle [1763]	Endangered	Foraging, feeding or related behaviour known to occur within area	In buffer area only
[Chelonia mydas](#)			
Green Turtle [1765]	Vulnerable	Breeding known to occur within area	In buffer area only
[Dermochelys coriacea](#)			
Leatherback Turtle, Leathery Turtle, Luth [1768]	Endangered	Breeding likely to occur within area	In buffer area only
[Eretmochelys imbricata](#)			
Hawksbill Turtle [1766]	Vulnerable	Foraging, feeding or related behaviour known to occur within area	In buffer area only
[Liasis olivaceus barroni](#)			
Pilbara Olive Python [66699]	Vulnerable	Species or species habitat known to occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Liopholis kintorei			
Great Desert Skink, Tjakura, Warrarna, Mulyamiji, Tjalapa, Nampu [83160]	Vulnerable	Species or species habitat may occur within area	In feature area
Natator depressus			
Flatback Turtle [59257]	Vulnerable	Breeding known to occur within area	In buffer area only
SHARK			
Carcharodon carcharias			
White Shark, Great White Shark [64470]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Pristis clavata			
Dwarf Sawfish, Queensland Sawfish [68447]	Vulnerable	Species or species habitat known to occur within area	In buffer area only
Pristis pristis			
Freshwater Sawfish, Largetooth Sawfish, River Sawfish, Leichhardt's Sawfish, Northern Sawfish [60756]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Pristis zijsron			
Green Sawfish, Dindagubba, Narrowsnout Sawfish [68442]	Vulnerable	Species or species habitat known to occur within area	In buffer area only
Rhincodon typus			
Whale Shark [66680]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Sphyrna lewini			
Scalloped Hammerhead [85267]	Conservation Dependent	Species or species habitat likely to occur within area	In buffer area only

Listed Migratory Species			[Resource Information]
Scientific Name	Threatened Category	Presence Text	Buffer Status
Migratory Marine Birds			
Anous stolidus			
Common Noddy [825]		Species or species habitat may occur within area	In buffer area only
Apus pacificus			
Fork-tailed Swift [678]		Species or species habitat likely to occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
[Calonectris leucomelas](#) Streaked Shearwater [1077]		Species or species habitat may occur within area	In buffer area only
[Fregata ariel](#) Lesser Frigatebird, Least Frigatebird [1012]		Species or species habitat known to occur within area	In buffer area only
[Macronectes giganteus](#) Southern Giant-Petrel, Southern Giant Petrel [1060]	Endangered	Species or species habitat may occur within area	In buffer area only
[Phaethon lepturus](#) White-tailed Tropicbird [1014]		Species or species habitat likely to occur within area	In buffer area only
[Sternula albifrons](#) Little Tern [82849]		Species or species habitat may occur within area	In buffer area only
Migratory Marine Species			
[Anoxypristis cuspidata](#) Narrow Sawfish, Knifetooth Sawfish [68448]		Species or species habitat likely to occur within area	In buffer area only
[Balaenoptera edeni](#) Bryde's Whale [35]		Species or species habitat may occur within area	In buffer area only
[Balaenoptera musculus](#) Blue Whale [36]	Endangered	Species or species habitat likely to occur within area	In buffer area only
[Carcharhinus longimanus](#) Oceanic Whitetip Shark [84108]		Species or species habitat may occur within area	In buffer area only
[Carcharodon carcharias](#) White Shark, Great White Shark [64470]	Vulnerable	Species or species habitat may occur within area	In buffer area only
[Caretta caretta](#) Loggerhead Turtle [1763]	Endangered	Foraging, feeding or related behaviour known to occur within area	In buffer area only

Scientific Name	Threatened Category	Presence Text	Buffer Status
Chelonia mydas Green Turtle [1765]	Vulnerable	Breeding known to occur within area	In buffer area only
Dermochelys coriacea Leatherback Turtle, Leathery Turtle, Luth [1768]	Endangered	Breeding likely to occur within area	In buffer area only
Dugong dugon Dugong [28]		Species or species habitat known to occur within area	In buffer area only
Eretmochelys imbricata Hawksbill Turtle [1766]	Vulnerable	Foraging, feeding or related behaviour known to occur within area	In buffer area only
Megaptera novaeangliae Humpback Whale [38]		Species or species habitat known to occur within area	In buffer area only
Mobula alfredi as Manta alfredi Reef Manta Ray, Coastal Manta Ray [90033]		Species or species habitat known to occur within area	In buffer area only
Mobula birostris as Manta birostris Giant Manta Ray [90034]		Species or species habitat likely to occur within area	In buffer area only
Natator depressus Flatback Turtle [59257]	Vulnerable	Breeding known to occur within area	In buffer area only
Orcaella heinsohni Australian Snubfin Dolphin [81322]		Species or species habitat likely to occur within area	In buffer area only
Orcinus orca Killer Whale, Orca [46]		Species or species habitat may occur within area	In buffer area only
Pristis clavata Dwarf Sawfish, Queensland Sawfish [68447]	Vulnerable	Species or species habitat known to occur within area	In buffer area only
Pristis pristis Freshwater Sawfish, Largetooth Sawfish, River Sawfish, Leichhardt's Sawfish, Northern Sawfish [60756]	Vulnerable	Species or species habitat may occur within area	In buffer area only

Scientific Name	Threatened Category	Presence Text	Buffer Status
Pristis zijsron			
Green Sawfish, Dindagubba, Narrowsnout Sawfish [68442]	Vulnerable	Species or species habitat known to occur within area	In buffer area only
Rhincodon typus			
Whale Shark [66680]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Sousa sahulensis as Sousa chinensis			
Australian Humpback Dolphin [87942]		Species or species habitat likely to occur within area	In buffer area only
Tursiops aduncus (Arafura/Timor Sea populations)			
Spotted Bottlenose Dolphin (Arafura/Timor Sea populations) [78900]		Species or species habitat known to occur within area	In buffer area only
Migratory Terrestrial Species			
Cuculus optatus			
Oriental Cuckoo, Horsfield's Cuckoo [86651]		Species or species habitat may occur within area	In buffer area only
Hirundo rustica			
Barn Swallow [662]		Species or species habitat known to occur within area	In feature area
Motacilla cinerea			
Grey Wagtail [642]		Species or species habitat may occur within area	In feature area
Motacilla flava			
Yellow Wagtail [644]		Species or species habitat known to occur within area	In feature area
Migratory Wetlands Species			
Actitis hypoleucos			
Common Sandpiper [59309]		Species or species habitat known to occur within area	In feature area
Calidris acuminata			
Sharp-tailed Sandpiper [874]	Vulnerable	Species or species habitat known to occur within area	In feature area
Calidris canutus			
Red Knot, Knot [855]	Vulnerable	Species or species habitat known to occur within area	In buffer area only

Scientific Name	Threatened Category	Presence Text	Buffer Status
[Calidris ferruginea](#) Curlew Sandpiper [856]	Critically Endangered	Species or species habitat known to occur within area	In feature area
[Calidris melanotos](#) Pectoral Sandpiper [858]		Species or species habitat likely to occur within area	In feature area
[Charadrius leschenaultii](#) Greater Sand Plover, Large Sand Plover [877]	Vulnerable	Species or species habitat known to occur within area	In buffer area only
[Charadrius veredus](#) Oriental Plover, Oriental Dotterel [882]		Species or species habitat may occur within area	In feature area
[Glareola maldivarum](#) Oriental Pratincole [840]		Species or species habitat may occur within area	In feature area
[Limnodromus semipalmatus](#) Asian Dowitcher [843]	Vulnerable	Species or species habitat likely to occur within area	In buffer area only
[Limosa lapponica](#) Bar-tailed Godwit [844]		Species or species habitat known to occur within area	In buffer area only
[Numenius madagascariensis](#) Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat known to occur within area	In buffer area only
[Pandion haliaetus](#) Osprey [952]		Breeding known to occur within area	In feature area
[Tringa nebularia](#) Common Greenshank, Greenshank [832]	Endangered	Species or species habitat likely to occur within area	In buffer area only

Other Matters Protected by the EPBC Act

Commonwealth Lands [Resource Information]

The Commonwealth area listed below may indicate the presence of Commonwealth land in this vicinity. Due to the unreliability of the data source, all proposals should be checked as to whether it impacts on a Commonwealth area, before making a definitive decision. Contact the State or Territory government land department for further information.

Commonwealth Land Name	State	Buffer Status
Unknown		
Commonwealth Land - [50326]	WA	In buffer area only
Commonwealth Land - [50325]	WA	In buffer area only
Commonwealth Land - [50324]	WA	In buffer area only
Commonwealth Land - [50323]	WA	In buffer area only
Commonwealth Land - [51690]	WA	In buffer area only
Commonwealth Land - [51691]	WA	In buffer area only
Commonwealth Land - [51693]	WA	In buffer area only
Commonwealth Land - [51692]	WA	In buffer area only
Commonwealth Land - [51697]	WA	In buffer area only
Commonwealth Land - [51694]	WA	In buffer area only
Commonwealth Land - [50328]	WA	In feature area
Commonwealth Land - [51681]	WA	In buffer area only
Commonwealth Land - [50327]	WA	In buffer area only
Commonwealth Land - [51673]	WA	In buffer area only
Commonwealth Land - [50349]	WA	In buffer area only
Commonwealth Land - [51678]	WA	In buffer area only
Commonwealth Land - [51048]	WA	In buffer area only
Commonwealth Land - [51049]	WA	In buffer area only
Commonwealth Land - [51948]	WA	In feature area
Commonwealth Land - [51674]	WA	In buffer area only
Commonwealth Land - [51677]	WA	In buffer area only
Commonwealth Land - [51676]	WA	In buffer area only

Commonwealth Land Name	State	Buffer Status
Commonwealth Land - [51679]	WA	In buffer area only
Commonwealth Land - [50359]	WA	In buffer area only
Commonwealth Land - [51675]	WA	In buffer area only
Commonwealth Land - [51686]	WA	In buffer area only
Commonwealth Land - [51687]	WA	In buffer area only
Commonwealth Land - [51684]	WA	In buffer area only
Commonwealth Land - [51685]	WA	In buffer area only
Commonwealth Land - [51682]	WA	In buffer area only
Commonwealth Land - [51683]	WA	In buffer area only
Commonwealth Land - [51680]	WA	In buffer area only
Commonwealth Land - [50358]	WA	In feature area
Commonwealth Land - [51689]	WA	In buffer area only
Commonwealth Land - [50351]	WA	In feature area
Commonwealth Land - [51056]	WA	In feature area
Commonwealth Land - [51745]	WA	In buffer area only
Commonwealth Land - [52239]	WA	In feature area
Commonwealth Land - [51746]	WA	In buffer area only
Commonwealth Land - [51669]	WA	In buffer area only
Commonwealth Land - [51050]	WA	In buffer area only
Commonwealth Land - [51688]	WA	In buffer area only
Commonwealth Land - [51051]	WA	In buffer area only
Commonwealth Land - [51052]	WA	In buffer area only
Commonwealth Land - [51429]	WA	In buffer area only

Listed Marine Species			[Resource Information]
Scientific Name	Threatened Category	Presence Text	Buffer Status
Bird			

Scientific Name	Threatened Category	Presence Text	Buffer Status
[Actitis hypoleucos](#) Common Sandpiper [59309]		Species or species habitat known to occur within area	In feature area
[Anous stolidus](#) Common Noddy [825]		Species or species habitat may occur within area	In buffer area only
[Apus pacificus](#) Fork-tailed Swift [678]		Species or species habitat likely to occur within area overfly marine area	In feature area
[Bubulcus ibis as Ardea ibis](#) Cattle Egret [66521]		Species or species habitat may occur within area overfly marine area	In feature area
[Calidris acuminata](#) Sharp-tailed Sandpiper [874]	Vulnerable	Species or species habitat known to occur within area	In feature area
[Calidris canutus](#) Red Knot, Knot [855]	Vulnerable	Species or species habitat known to occur within area overfly marine area	In buffer area only
[Calidris ferruginea](#) Curlew Sandpiper [856]	Critically Endangered	Species or species habitat known to occur within area overfly marine area	In feature area
[Calidris melanotos](#) Pectoral Sandpiper [858]		Species or species habitat likely to occur within area overfly marine area	In feature area
[Calonectris leucomelas](#) Streaked Shearwater [1077]		Species or species habitat may occur within area	In buffer area only
[Chalcites osculans as Chrysococcyx osculans](#) Black-eared Cuckoo [83425]		Species or species habitat known to occur within area overfly marine area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Charadrius leschenaultii Greater Sand Plover, Large Sand Plover [877]	Vulnerable	Species or species habitat known to occur within area	In buffer area only
Charadrius veredus Oriental Plover, Oriental Dotterel [882]		Species or species habitat may occur within area overfly marine area	In feature area
Fregata ariel Lesser Frigatebird, Least Frigatebird [1012]		Species or species habitat known to occur within area	In buffer area only
Glareola maldivarum Oriental Pratincole [840]		Species or species habitat may occur within area overfly marine area	In feature area
Haliaeetus leucogaster White-bellied Sea-Eagle [943]		Species or species habitat known to occur within area	In feature area
Hirundo rustica Barn Swallow [662]		Species or species habitat known to occur within area overfly marine area	In feature area
Limnodromus semipalmatus Asian Dowitcher [843]	Vulnerable	Species or species habitat likely to occur within area overfly marine area	In buffer area only
Limosa lapponica Bar-tailed Godwit [844]		Species or species habitat known to occur within area	In buffer area only
Macronectes giganteus Southern Giant-Petrel, Southern Giant Petrel [1060]	Endangered	Species or species habitat may occur within area	In buffer area only
Merops ornatus Rainbow Bee-eater [670]		Species or species habitat may occur within area overfly marine area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
[Motacilla cinerea](#) Grey Wagtail [642]		Species or species habitat may occur within area overfly marine area	In feature area
[Motacilla flava](#) Yellow Wagtail [644]		Species or species habitat known to occur within area overfly marine area	In feature area
[Numenius madagascariensis](#) Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat known to occur within area	In buffer area only
[Pandion haliaetus](#) Osprey [952]		Breeding known to occur within area	In feature area
[Phaethon lepturus](#) White-tailed Tropicbird [1014]		Species or species habitat likely to occur within area	In buffer area only
[Rostratula australis as Rostratula benghalensis (sensu lato)](#) Australian Painted Snipe [77037]	Endangered	Species or species habitat may occur within area overfly marine area	In feature area
[Sternula albifrons as Sterna albifrons](#) Little Tern [82849]		Species or species habitat may occur within area	In buffer area only
[Tringa nebularia](#) Common Greenshank, Greenshank [832]	Endangered	Species or species habitat likely to occur within area overfly marine area	In buffer area only
Fish			
[Bulbonaricus brauni](#) Braun's Pughead Pipefish, Pug-headed Pipefish [66189]		Species or species habitat may occur within area	In buffer area only
[Campichthys tricarinatus](#) Three-keel Pipefish [66192]		Species or species habitat may occur within area	In buffer area only

Scientific Name	Threatened Category	Presence Text	Buffer Status
Choeroichthys brachysoma Pacific Short-bodied Pipefish, Short-bodied Pipefish [66194]		Species or species habitat may occur within area	In buffer area only
Choeroichthys suillus Pig-snouted Pipefish [66198]		Species or species habitat may occur within area	In buffer area only
Doryrhamphus janssi Cleaner Pipefish, Janss' Pipefish [66212]		Species or species habitat may occur within area	In buffer area only
Doryrhamphus negrosensis Flagtail Pipefish, Masthead Island Pipefish [66213]		Species or species habitat may occur within area	In buffer area only
Festucalex scalaris Ladder Pipefish [66216]		Species or species habitat may occur within area	In buffer area only
Filicampus tigris Tiger Pipefish [66217]		Species or species habitat may occur within area	In buffer area only
Halicampus brocki Brock's Pipefish [66219]		Species or species habitat may occur within area	In buffer area only
Halicampus grayi Mud Pipefish, Gray's Pipefish [66221]		Species or species habitat may occur within area	In buffer area only
Halicampus nitidus Glittering Pipefish [66224]		Species or species habitat may occur within area	In buffer area only
Halicampus spinirostris Spiny-snout Pipefish [66225]		Species or species habitat may occur within area	In buffer area only
Haliichthys taeniophorus Ribboned Pipehorse, Ribboned Seadragon [66226]		Species or species habitat may occur within area	In buffer area only

Scientific Name	Threatened Category	Presence Text	Buffer Status
Hippichthys penicillus Beady Pipefish, Steep-nosed Pipefish [66231]		Species or species habitat may occur within area	In buffer area only
Hippocampus angustus Western Spiny Seahorse, Narrow-bellied Seahorse [66234]		Species or species habitat may occur within area	In buffer area only
Hippocampus histrix Spiny Seahorse, Thorny Seahorse [66236]		Species or species habitat may occur within area	In buffer area only
Hippocampus kuda Spotted Seahorse, Yellow Seahorse [66237]		Species or species habitat may occur within area	In buffer area only
Hippocampus planifrons Flat-face Seahorse [66238]		Species or species habitat may occur within area	In buffer area only
Hippocampus trimaculatus Three-spot Seahorse, Low-crowned Seahorse, Flat-faced Seahorse [66720]		Species or species habitat may occur within area	In buffer area only
Micrognathus micronotopterus Tidepool Pipefish [66255]		Species or species habitat may occur within area	In buffer area only
Solegnathus hardwickii Pallid Pipehorse, Hardwick's Pipehorse [66272]		Species or species habitat may occur within area	In buffer area only
Solegnathus lettiensis Gunther's Pipehorse, Indonesian Pipefish [66273]		Species or species habitat may occur within area	In buffer area only
Solenostomus cyanopterus Robust Ghostpipefish, Blue-finned Ghost Pipefish, [66183]		Species or species habitat may occur within area	In buffer area only
Syngnathoides biaculeatus Double-end Pipehorse, Double-ended Pipehorse, Alligator Pipefish [66279]		Species or species habitat may occur within area	In buffer area only

Scientific Name	Threatened Category	Presence Text	Buffer Status
[Trachyrhamphus bicoarctatus](#) Bentstick Pipefish, Bend Stick Pipefish, Short-tailed Pipefish [66280]		Species or species habitat may occur within area	In buffer area only
[Trachyrhamphus longirostris](#) Straightstick Pipefish, Long-nosed Pipefish, Straight Stick Pipefish [66281]		Species or species habitat may occur within area	In buffer area only
Mammal			
[Dugong dugon](#) Dugong [28]		Species or species habitat known to occur within area	In buffer area only
Reptile			
[Aipysurus apraefrontalis](#) Short-nosed Sea Snake, Short-nosed Seasnake [1115]	Critically Endangered	Species or species habitat likely to occur within area	In buffer area only
[Aipysurus duboisii](#) Dubois' Sea Snake, Dubois' Seasnake, Reef Shallows Sea Snake [1116]		Species or species habitat may occur within area	In buffer area only
[Aipysurus foliosquama](#) Leaf-scaled Sea Snake, Leaf-scaled Seasnake [1118]	Critically Endangered	Species or species habitat known to occur within area	In buffer area only
[Aipysurus laevis](#) Olive Sea Snake, Olive-brown Sea Snake [1120]		Species or species habitat may occur within area	In buffer area only
[Aipysurus mosaicus as Aipysurus eydouxii](#) Mosaic Sea Snake [87261]		Species or species habitat may occur within area	In buffer area only
[Aipysurus tenuis](#) Brown-lined Sea Snake, Mjoberg's Sea Snake [1121]		Species or species habitat may occur within area	In buffer area only
[Caretta caretta](#) Loggerhead Turtle [1763]	Endangered	Foraging, feeding or related behaviour known to occur within area	In buffer area only
[Chelonia mydas](#) Green Turtle [1765]	Vulnerable	Breeding known to occur within area	In buffer area only

Scientific Name	Threatened Category	Presence Text	Buffer Status
Dermochelys coriacea Leatherback Turtle, Leathery Turtle, Luth [1768]	Endangered	Breeding likely to occur within area	In buffer area only
Emydocephalus annulatus Eastern Turtle-headed Sea Snake [1125]		Species or species habitat may occur within area	In buffer area only
Ephalophis greyae as Ephalophis greyi Mangrove Sea Snake [93738]		Species or species habitat may occur within area	In buffer area only
Eretmochelys imbricata Hawksbill Turtle [1766]	Vulnerable	Foraging, feeding or related behaviour known to occur within area	In buffer area only
Hydrelaps darwiniensis Port Darwin Sea Snake, Black-ringed Mangrove Sea Snake [1100]		Species or species habitat may occur within area	In buffer area only
Hydrophis czeblukovi Fine-spined Sea Snake [59233]		Species or species habitat may occur within area	In buffer area only
Hydrophis elegans Elegant Sea Snake, Bar-bellied Sea Snake [1104]		Species or species habitat may occur within area	In buffer area only
Hydrophis kingii as Disteira kingii Spectacled Sea Snake [93511]		Species or species habitat may occur within area	In buffer area only
Hydrophis macdowelli as Hydrophis mcdowelli MacDowell's Sea Snake, Small-headed Sea Snake, [75601]		Species or species habitat may occur within area	In buffer area only
Hydrophis major as Disteira major Olive-headed Sea Snake [93512]		Species or species habitat may occur within area	In buffer area only
Hydrophis ornatus Spotted Sea Snake, Ornate Reef Sea Snake [1111]		Species or species habitat may occur within area	In buffer area only

Scientific Name	Threatened Category	Presence Text	Buffer Status
Hydrophis peronii as Acalyptophis peronii Horned Sea Snake [93509]		Species or species habitat may occur within area	In buffer area only
Hydrophis platura as Pelamis platurus Yellow-bellied Sea Snake [93746]		Species or species habitat may occur within area	In buffer area only
Hydrophis stokesii as Astrotia stokesii Stokes' Sea Snake [93510]		Species or species habitat may occur within area	In buffer area only
Natator depressus Flatback Turtle [59257]	Vulnerable	Breeding known to occur within area	In buffer area only

Whales and Other Cetaceans			[Resource Information]
Current Scientific Name	Status	Type of Presence	Buffer Status
Mammal			
Balaenoptera acutorostrata Minke Whale [33]		Species or species habitat may occur within area	In buffer area only
Balaenoptera edeni Bryde's Whale [35]		Species or species habitat may occur within area	In buffer area only
Balaenoptera musculus Blue Whale [36]	Endangered	Species or species habitat likely to occur within area	In buffer area only
Delphinus delphis Common Dolphin, Short-beaked Common Dolphin [60]		Species or species habitat may occur within area	In buffer area only
Grampus griseus Risso's Dolphin, Grampus [64]		Species or species habitat may occur within area	In buffer area only
Megaptera novaeangliae Humpback Whale [38]		Species or species habitat known to occur within area	In buffer area only
Orcaella heinsohni Australian Snubfin Dolphin [81322]		Species or species habitat likely to occur within area	In buffer area only

Current Scientific Name	Status	Type of Presence	Buffer Status
Orcinus orca Killer Whale, Orca [46]		Species or species habitat may occur within area	In buffer area only
Sousa sahulensis Australian Humpback Dolphin [87942]		Species or species habitat likely to occur within area	In buffer area only
Stenella attenuata Spotted Dolphin, Pantropical Spotted Dolphin [51]		Species or species habitat may occur within area	In buffer area only
Tursiops aduncus Indian Ocean Bottlenose Dolphin, Spotted Bottlenose Dolphin [68418]		Species or species habitat likely to occur within area	In buffer area only
Tursiops aduncus (Arafura/Timor Sea populations) Spotted Bottlenose Dolphin (Arafura/Timor Sea populations) [78900]		Species or species habitat known to occur within area	In buffer area only
Tursiops truncatus s. str. Bottlenose Dolphin [68417]		Species or species habitat may occur within area	In buffer area only

Habitat Critical to the Survival of Marine Turtles			[Resource Information]
Scientific Name	Behaviour	Presence	Buffer Status
Aug - Sep			
Natator depressus Flatback Turtle [59257]	Nesting	Known to occur	In buffer area only

Extra Information

State and Territory Reserves			[Resource Information]
Protected Area Name	Reserve Type	State	Buffer Status
Meenthena Station	NRS Addition - Gazettal in Progress	WA	In feature area
Mungaroona Range	Nature Reserve	WA	In buffer area only
Nyangumarta Warrarn	Indigenous Protected Area	WA	In buffer area only

Nationally Important Wetlands		[Resource Information]
Wetland Name	State	Buffer Status

Wetland Name	State	Buffer Status
De Grey River	WA	In buffer area only
Fortescue Marshes	WA	In buffer area only
Leslie (Port Hedland) Saltfields System	WA	In buffer area only

EPBC Act Referrals				[Resource Information]
Title of referral	Reference	Referral Outcome	Assessment Status	Buffer Status
East Hamersley Railway	2023/09542		Assessment	In buffer area only
Hemi Gold Project	2023/09556		Referral Decision	In buffer area only
Lynas Find Project	2023/09471		Assessment	In feature area
Mulga Downs Hub and Rail Spur	2022/09425		Assessment	In buffer area only
Mulga Downs Iron Ore Mine	2022/09255		Assessment	In buffer area only
North Star Magnetite Project Extension	2023/09466		Assessment	In feature area
Port Hedland Solar Project	2022/09241		Post-Approval	In buffer area only
Ridley Magnetite Project	2023/09477		Referral Decision	In buffer area only
Sanjiv Ridge Project - Stage 2	2021/8885		Post-Approval	In feature area
Wilga Quarry Expansion	2020/8726		Completed	In buffer area only
Action clearly unacceptable				
Asian Renewable Energy Hub Revised Proposal, WA	2021/8891	Action Clearly Unacceptable	Completed	In buffer area only
Controlled action				
Abydos Direct Shipping Ore (DSO) Project, Stage 2	2013/6985	Controlled Action	Post-Approval	In feature area
Abydos Direct Shipping Ore Project	2012/6345	Controlled Action	Post-Approval	In feature area
Additional Rail Infrastructure between Herb Elliott Port Facility and Cloudbreak Mine Site	2010/5513	Controlled Action	Post-Approval	In feature area
Asian Renewable Energy Hub, 220 km east of Port Hedland, Western Australia	2017/8112	Controlled Action	Post-Approval	In buffer area only

Title of referral	Reference	Referral Outcome	Assessment Status	Buffer Status
Controlled action				
Bonney Downs Rail Alignment	2011/5867	Controlled Action	Post-Approval	In buffer area only
Brockman Railway	2011/5833	Controlled Action	Post-Approval	In buffer area only
Cloud Break Open Pit Iron Ore Mine	2005/2205	Controlled Action	Post-Approval	In buffer area only
construction of iron ore mine & associated infrastructure	2013/6945	Controlled Action	Completed	In buffer area only
Corunna Downs Iron Ore Mining Project, Pilbara Region, 33km south Marble Bar, WA	2017/7861	Controlled Action	Post-Approval	In feature area
Development of a Quarry Operation to extract gravel, sand and pindan material	2012/6636	Controlled Action	Post-Approval	In buffer area only
Development of the Pilbara Iron One and Infrastructure Project	2010/5567	Controlled Action	Post-Approval	In buffer area only
Development of the Wodgina Direct Shipping Ore Project, Stage 2	2011/5975	Controlled Action	Post-Approval	In feature area
Expansion of Cloudbreak iron ore mine	2010/5696	Controlled Action	Post-Approval	In buffer area only
Golden Eagle Satellite Deposits Development	2011/5855	Controlled Action	Post-Approval	In feature area
Great Northern Pipeline - 630 km buried gas pipeline	2009/5257	Controlled Action	Completed	In buffer area only
Koodaideri Iron Ore Mine & Infrastructure Project, WA	2012/6422	Controlled Action	Post-Approval	In buffer area only
Marble Bar Road (M030) Coongan Gorge Realignment, WA	2017/7880	Controlled Action	Post-Approval	In feature area
McPhee Iron Ore Project	2021/8897	Controlled Action	Assessment Approach	In feature area
Miralga Creek Project, Pilbara region, WA	2019/8601	Controlled Action	Post-Approval	In feature area
Mt Dove Direct Shipping Ore Project	2011/5848	Controlled Action	Post-Approval	In buffer area only
Mt Webber Direct Shipping Ore Project	2012/6611	Controlled Action	Post-Approval	In feature area
Mt Webber Iron Ore Project	2010/5631	Controlled Action	Completed	In feature area

Title of referral	Reference	Referral Outcome	Assessment Status	Buffer Status
Controlled action				
North Star Hematite Project	2012/6530	Controlled Action	Post-Approval	In feature area
North Star Magnetite Project	2012/6689	Controlled Action	Post-Approval	In feature area
Nullagine Iron Ore Extension Project, Pilbara region, WA	2013/6887	Controlled Action	Post-Approval	In buffer area only
Nullagine Iron Ore Project	2009/4930	Controlled Action	Post-Approval	In buffer area only
Panoram Copper-Zinc mine	2007/3310	Controlled Action	Completed	In feature area
Poondano Iron Ore Project	2010/5759	Controlled Action	Post-Approval	In buffer area only
Port Hedland Outer Harbour Development and associated marine and terrestrial in	2008/4159	Controlled Action	Post-Approval	In buffer area only
Roy Hill to Port Hedland Rail Line and Associated Infrastructure	2010/5424	Controlled Action	Post-Approval	In feature area
Solomon Iron Ore Project expansion, Pilbara, WA	2014/7275	Controlled Action	Post-Approval	In buffer area only
Spinifex Ridge Molybdenum Project	2006/3104	Controlled Action	Post-Approval	In feature area
Warrawoona Gold Project, Pilbara Region, WA	2019/8584	Controlled Action	Post-Approval	In feature area
Wodgina Direct Shipping Ore Project	2009/5167	Controlled Action	Post-Approval	In feature area
Woodie Continued Operations Project, East Pilbara, WA	2019/8610	Controlled Action	Assessment Approach	In buffer area only
Not controlled action				
150m Boodarie Gas Lateral Pipeline	2014/7116	Not Controlled Action	Completed	In buffer area only
Bulgarene Borefield	2006/2507	Not Controlled Action	Completed	In buffer area only
Construction of a Commodities Berth, Wharf and Associated Infrastructure	2008/4129	Not Controlled Action	Completed	In buffer area only
Development of iron ore resources in eastern Pilbara region, including port at P	2004/1562	Not Controlled Action	Completed	In feature area
Development of the Cundaline and Callawa iron ore deposits	2008/4235	Not Controlled Action	Completed	In feature area

Title of referral	Reference	Referral Outcome	Assessment Status	Buffer Status
Not controlled action				
Expansion of the Talison Minerals Storage Facility, Wodgina Mine	2008/4675	Not Controlled Action	Completed	In feature area
Goldsworthy Extension Project	2005/2280	Not Controlled Action	Completed	In buffer area only
Horizon Power South Hedland Transmission Line, WA	2012/6551	Not Controlled Action	Completed	In buffer area only
Improving rabbit biocontrol: releasing another strain of RHDV, sthrn two thirds of Australia	2015/7522	Not Controlled Action	Completed	In feature area
Iron Bridge Port Facility, Port Hedland, WA	2015/7565	Not Controlled Action	Completed	In buffer area only
Pardoo Direct Shipping Ore (DSO) Project	2007/3539	Not Controlled Action	Completed	In buffer area only
Pilbara Bulk Ore Transport System Project, WA	2016/7637	Not Controlled Action	Completed	In feature area
Pilbara Transmission Project, Pilbara, WA	2018/8349	Not Controlled Action	Completed	In feature area
Pippingarra Quarry Expansion Works	2012/6461	Not Controlled Action	Completed	In buffer area only
Port Hedland Channel Risk and Optimisation Project, WA	2017/7915	Not Controlled Action	Completed	In buffer area only
Port Hedland Power Station Conversion Project	2011/6080	Not Controlled Action	Completed	In buffer area only
Rail and Port Facilities	2001/474	Not Controlled Action	Completed	In feature area
Relocation of approx. 670m of the Pilbara Energy Pipeline	2013/6756	Not Controlled Action	Completed	In buffer area only
South Hedland Power Station WA	2011/5929	Not Controlled Action	Completed	In buffer area only
Stage B of Pilbara Iron Ore and Infrastructure Project	2004/1897	Not Controlled Action	Completed	In buffer area only
Sulphur Springs Copper-Zinc Mining Project, Pilbara Region, WA	2013/6899	Not Controlled Action	Completed	In feature area
Telfer Gold Mine Project - Mine and Borefield Extensions and Upgrade of Storage	2002/787	Not Controlled Action	Completed	In buffer area only
Telfer Gold Mine Project - Power Supply and Infrastructure Corridor	2002/786	Not Controlled Action	Completed	In buffer area only

Title of referral	Reference	Referral Outcome	Assessment Status	Buffer Status
Not controlled action				
Wodgina Lithium Mine Expansion, Pilbara, NT	2018/8194	Not Controlled Action	Completed	In feature area
Not controlled action (particular manner)				
Additional Rail Infrastructure	2012/6314	Not Controlled Action (Particular Manner)	Post-Approval	In feature area
Atlas Boodarie Link Project, WA	2012/6506	Not Controlled Action (Particular Manner)	Post-Approval	In feature area
Dredging of marine sediment to enable construction of eight berths and a turnin	2010/5678	Not Controlled Action (Particular Manner)	Post-Approval	In buffer area only
Mine the Hercules Deposit under the Wodgina Direct Shipping Ore Project Stage 3	2013/6789	Not Controlled Action (Particular Manner)	Post-Approval	In feature area
Nelson Point Dredging	2009/4920	Not Controlled Action (Particular Manner)	Post-Approval	In buffer area only
Northwest Resources Blue Spec Shear Gold-Antimony Project	2012/6672	Not Controlled Action (Particular Manner)	Post-Approval	In buffer area only
Port of Port Hedland channel marker replacement project, WA	2017/8010	Not Controlled Action (Particular Manner)	Post-Approval	In buffer area only
Realignment of the Great Northern Highway	2010/5793	Not Controlled Action (Particular Manner)	Post-Approval	In buffer area only
upgrade of 3 community recreation sites	2005/2349	Not Controlled Action (Particular Manner)	Post-Approval	In buffer area only
Referral decision				
Mine the Hercules Deposit under the Wodgina Direct Shipping Ore Project ??? Stage 3	2013/6777	Referral Decision	Completed	In feature area
Mining at the Blue Spec and Gold Spec deposits	2012/6234	Referral Decision	Completed	In feature area

Title of referral	Reference	Referral Outcome	Assessment Status	Buffer Status
Referral decision				
Mulga Downs Iron Ore Mine	2021/9136	Referral Decision	Referral Publication	In buffer area only
Outer Harbour Development and associated marine and terrestial infrastructure	2008/4148	Referral Decision	Completed	In buffer area only

Biologically Important Areas [Resource Information]

Scientific Name	Behaviour	Presence	Buffer Status
Marine Turtles			
Natator depressus Flatback Turtle [59257]	Internesting buffer	Known to occur	In buffer area only
Natator depressus Flatback Turtle [59257]	Nesting	Known to occur	In buffer area only
Seabirds			
Ardenna pacifica Wedge-tailed Shearwater [84292]	Breeding	Known to occur	In feature area
Fregata ariel Lesser Frigatebird [1012]	Breeding	Known to occur	In buffer area only
Whales			
Balaenoptera musculus brevicauda Pygmy Blue Whale [81317]	Distribution	Known to occur	In buffer area only
Megaptera novaeangliae Humpback Whale [38]	Migration (north and south)	Known to occur	In buffer area only

Caveat

1 PURPOSE

This report is designed to assist in identifying the location of matters of national environmental significance (MNES) and other matters protected by the Environment Protection and Biodiversity Conservation Act 1999 (Cth) (EPBC Act) which may be relevant in determining obligations and requirements under the EPBC Act.

The report contains the mapped locations of:

- World and National Heritage properties;
- Wetlands of International and National Importance;
- Commonwealth and State/Territory reserves;
- distribution of listed threatened, migratory and marine species;
- listed threatened ecological communities; and
- other information that may be useful as an indicator of potential habitat value.

2 DISCLAIMER

This report is not intended to be exhaustive and should only be relied upon as a general guide as mapped data is not available for all species or ecological communities listed under the EPBC Act (see below). Persons seeking to use the information contained in this report to inform the referral of a proposed action under the EPBC Act should consider the limitations noted below and whether additional information is required to determine the existence and location of MNES and other protected matters.

Where data are available to inform the mapping of protected species, the presence type (e.g. known, likely or may occur) that can be determined from the data is indicated in general terms. It is the responsibility of any person using or relying on the information in this report to ensure that it is suitable for the circumstances of any proposed use. The Commonwealth cannot accept responsibility for the consequences of any use of the report or any part thereof. To the maximum extent allowed under governing law, the Commonwealth will not be liable for any loss or damage that may be occasioned directly or indirectly through the use of, or reliance

3 DATA SOURCES

Threatened ecological communities

For threatened ecological communities where the distribution is well known, maps are generated based on information contained in recovery plans, State vegetation maps and remote sensing imagery and other sources. Where threatened ecological community distributions are less well known, existing vegetation maps and point location data are used to produce indicative distribution maps.

Threatened, migratory and marine species

Threatened, migratory and marine species distributions have been discerned through a variety of methods. Where distributions are well known and if time permits, distributions are inferred from either thematic spatial data (i.e. vegetation, soils, geology, elevation, aspect, terrain, etc.) together with point locations and described habitat; or modelled (MAXENT or BIOCLIM habitat modelling) using

Where little information is available for a species or large number of maps are required in a short time-frame, maps are derived either from 0.04 or 0.02 decimal degree cells; by an automated process using polygon capture techniques (static two kilometre grid cells, alpha-hull and convex hull); or captured manually or by using topographic features (national park boundaries, islands, etc.).

In the early stages of the distribution mapping process (1999-early 2000s) distributions were defined by degree blocks, 100K or 250K map sheets to rapidly create distribution maps. More detailed distribution mapping methods are used to update these distributions

4 LIMITATIONS

The following species and ecological communities have not been mapped and do not appear in this report:

- threatened species listed as extinct or considered vagrants;
- some recently listed species and ecological communities;
- some listed migratory and listed marine species, which are not listed as threatened species; and
- migratory species that are very widespread, vagrant, or only occur in Australia in small numbers.

The following groups have been mapped, but may not cover the complete distribution of the species:

- listed migratory and/or listed marine seabirds, which are not listed as threatened, have only been mapped for recorded
- seals which have only been mapped for breeding sites near the Australian continent

The breeding sites may be important for the protection of the Commonwealth Marine environment.

Refer to the metadata for the feature group (using the Resource Information link) for the currency of the information.

Acknowledgements

This database has been compiled from a range of data sources. The department acknowledges the following custodians who have contributed valuable data and advice:

-Office of Environment and Heritage, New South Wales
-Department of Environment and Primary Industries, Victoria
-Department of Primary Industries, Parks, Water and Environment, Tasmania
-Department of Environment, Water and Natural Resources, South Australia
-Department of Land and Resource Management, Northern Territory
-Department of Environmental and Heritage Protection, Queensland
-Department of Parks and Wildlife, Western Australia
-Environment and Planning Directorate, ACT
-Birdlife Australia
-Australian Bird and Bat Banding Scheme
-Australian National Wildlife Collection
-Natural history museums of Australia
-Museum Victoria
-Australian Museum
-South Australian Museum
-Queensland Museum
-Online Zoological Collections of Australian Museums
-Queensland Herbarium
-National Herbarium of NSW
-Royal Botanic Gardens and National Herbarium of Victoria
-Tasmanian Herbarium
-State Herbarium of South Australia
-Northern Territory Herbarium
-Western Australian Herbarium
-Australian National Herbarium, Canberra
-University of New England
-Ocean Biogeographic Information System
-Australian Government, Department of Defence
Forestry Corporation, NSW
-Geoscience Australia
-CSIRO
-Australian Tropical Herbarium, Cairns
-eBird Australia
-Australian Government – Australian Antarctic Data Centre
-Museum and Art Gallery of the Northern Territory
-Australian Government National Environmental Science Program
-Australian Institute of Marine Science
-Reef Life Survey Australia
-American Museum of Natural History
-Queen Victoria Museum and Art Gallery, Inveresk, Tasmania
-Tasmanian Museum and Art Gallery, Hobart, Tasmania
-Other groups and individuals

The Department is extremely grateful to the many organisations and individuals who provided expert advice and information on numerous draft distributions.

Please feel free to provide feedback via the Contact us page.

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APPENDIX E – FLORISTIC ANALYSIS

Floristic Data Rationale

Taxa	Status	Name Referred to for Analysis
Abutilon fraseri subsp. *fraseri*	Omitted: Singleton record	N/A
Abutilon lepidum	Referred to species	*Abutilon lepidum*
Abutilon ?*leucopetalum*	Omitted: Singleton record	N/A
Abutilon macrum	Referred to species	*Abutilon macrum*
Abutilon sp. 1	Omitted: May represent multiple species	N/A
Abutilon sp. 2	Omitted: May represent multiple species	N/A
Abutilon sp. 3	Omitted: May represent multiple species	N/A
Abutilon sp. Dioicum (A.A. Mitchell PRP 1618)	Referred to species	*Abutilon* sp. Dioicum (A.A. Mitchell PRP 1618)
Abutilon sp. Pilbara (W.R. Barker 2025)	Omitted: Singleton record	N/A
Acacia acradenia	Referred to species	*Acacia acradenia*
Acacia adoxa var. *adoxa*	Referred to species	*Acacia adoxa*
Acacia adsurgens	Referred to species	*Acacia adsurgens*
Acacia ampliceps	Referred to species	*Acacia ampliceps*
Acacia ampliceps x sclerosperma subsp. *sclerosperma*	Referred to species	*Acacia ampliceps*
Acacia ancistrocarpa	Referred to species	*Acacia ancistrocarpa*
Acacia aptaneura	Omitted: Singleton record	N/A
Acacia arida	Referred to species	*Acacia arida*
Acacia ?*bivenosa*	Referred to species	*Acacia bivenosa*
Acacia bivenosa	Referred to species	*Acacia bivenosa*
Acacia colei	Referred to species	*Acacia colei*
Acacia colei ?var. *colei*	Referred to species	*Acacia colei*
Acacia colei var. *colei*	Referred to species	*Acacia colei*
Acacia coriacea subsp. *pendens*	Referred to species	*Acacia coriacea*
Acacia elachantha	Omitted: Singleton record	N/A
Acacia eriopoda	Referred to species	*Acacia eriopoda*
Acacia eriopoda x trachycarpa	Referred to species	*Acacia eriopoda*
Acacia hilliana	Referred to species	*Acacia hilliana*
Acacia holosericea	Omitted: Singleton record	N/A
Acacia inaequilatera	Referred to species	*Acacia inaequilatera*
Acacia levata **(P3)**	Referred to species	*Acacia levata*
Acacia maitlandii	Referred to species	*Acacia maitlandii*
Acacia monticola	Omitted: Singleton record	N/A
Acacia orthocarpa	Referred to species	*Acacia orthocarpa*
Acacia pruinocarpa	Omitted: Singleton record	N/A
Acacia ptychophylla	Referred to species	*Acacia ptychophylla*
Acacia pyrifolia	Referred to species	*Acacia pyrifolia*
Acacia pyrifolia var. *morrisonii*	Referred to species	*Acacia pyrifolia*
Acacia pyrifolia var. *pyrifolia*	Referred to species	*Acacia pyrifolia*
Acacia retivenea subsp. *clandestina*	Referred to species	*Acacia retivenea*
Acacia sericophylla	Referred to species	*Acacia sericophylla*
Acacia sibirica	Omitted: Singleton record	N/A
Acacia sp. 1	Omitted: May represent multiple species	N/A
Acacia sp. 2	Omitted: May represent multiple species	N/A
Acacia sp. 3	Omitted: May represent multiple species	N/A
Acacia sp. 4	Omitted: May represent multiple species	N/A
Acacia sp. 5	Omitted: May represent multiple species	N/A
Acacia sp. 6	Omitted: May represent multiple species	N/A

Taxa	Status	Name Referred to for Analysis
Acacia sp. 7	Omitted: May represent multiple species	N/A
Acacia sp. 8	Omitted: May represent multiple species	N/A
Acacia sp. 9	Omitted: May represent multiple species	N/A
Acacia sphaerostachya	Referred to species	*Acacia sphaerostachya*
Acacia spondylophylla	Referred to species	*Acacia spondylophylla*
Acacia stellaticeps	Referred to species	*Acacia stellaticeps*
Acacia synchronicia	Referred to species	*Acacia synchronicia*
Acacia trachycarpa	Referred to species	*Acacia trachycarpa*
Acacia trachycarpa x tumida var. *pilbarensis*	Referred to species	*Acacia trachycarpa*
Acacia tumida var. *pilbarensis*	Referred to species	*Acacia tumida*
Acacia victoriae subsp. *victoriae*	Referred to species	*Acacia victoriae*
Achyranthes aspera	Omitted: Singleton record	N/A
Adriana tomentosa	Referred to species	*Adriana tomentosa*
Adriana tomentosa ?var. *tomentosa*	Referred to species	*Adriana tomentosa*
Adriana tomentosa var. *tomentosa*	Referred to species	*Adriana tomentosa*
**Aerva javanica*	Referred to species	*Aerva javanica*
Afrohybanthus ?aurantiacus	Referred to species	*Afrohybanthus aurantiacus*
Afrohybanthus aurantiacus	Referred to species	*Afrohybanthus aurantiacus*
?*Afrohybanthus* sp.	Omitted: May represent multiple species	N/A
Alternanthera denticulata	Referred to species	*Alternanthera denticulata*
Alternanthera denticulata var. *denticulata*	Referred to species	*Alternanthera denticulata*
Alternanthera nana	Referred to species	*Alternanthera nana*
Alysicarpus muelleri	Referred to species	*Alysicarpus muelleri*
Amaranthus cuspidifolius	Omitted: Singleton record	N/A
Amaranthus undulatus	Referred to species	*Amaranthus undulatus*
Ammannia baccifera	Referred to species	*Ammannia baccifera*
Ammannia multiflora	Referred to species	*Ammannia multiflora*
Ammannia sp. 1	Omitted: May represent multiple species	N/A
Ammannia sp. 2	Omitted: May represent multiple species	N/A
Ammannia sp. 3	Omitted: May represent multiple species	N/A
Ammannia sp. 4	Omitted: May represent multiple species	N/A
**Argemone ochroleuca* subsp. *ochroleuca*	Referred to species	*Argemone ochroleuca*
Aristida burbidgeae	Referred to species	*Aristida burbidgeae*
?*Aristida contorta*	Referred to species	*Aristida contorta*
Aristida contorta	Referred to species	*Aristida contorta*
Aristida holathera var. *holathera*	Referred to species	*Aristida holathera*
Aristida inaequiglumis	Omitted: Singleton record	N/A
Arivela viscosa	Referred to species	*Arivela viscosa*
Atalaya hemiglauca	Referred to species	*Atalaya hemiglauca*
Austrobryonia pilbarensis	Omitted: Singleton record	N/A
Basilicum polystachyon	Referred to species	*Basilicum polystachyon*
Bergia pedicellaris	Omitted: Singleton record	N/A
Blumea tenella	Omitted: Singleton record	N/A
Boerhavia burbidgeana	Referred to species	*Boerhavia burbidgeana*
Boerhavia ?coccinea	Referred to species	*Boerhavia coccinea*
Boerhavia coccinea	Referred to species	*Boerhavia coccinea*
Boerhavia gardneri	Referred to species	*Boerhavia gardneri*
Boerhavia sp.	Omitted: May represent multiple species	N/A
Bonamia ?alatisemina	Referred to species	*Bonamia alatisemina*
Bonamia alatisemina	Referred to species	*Bonamia alatisemina*
Bonamia erecta	Referred to species	*Bonamia erecta*
Bonamia linearis	Referred to species	*Bonamia linearis*

Taxa	Status	Name Referred to for Analysis
Bonamia ?*media*	Referred to species	*Bonamia media*
Bonamia media	Referred to species	*Bonamia media*
Bonamia pannosa	Referred to species	*Bonamia pannosa*
Bonamia ?*pilbarensis*	Referred to species	*Bonamia pilbarensis*
Bonamia pilbarensis	Referred to species	*Bonamia pilbarensis*
Bonamia sp. 1	Omitted: May represent multiple species	N/A
Bonamia sp. 2	Omitted: May represent multiple species	N/A
Brachychiton acuminatus	Referred to species	*Brachychiton acuminatus*
Bulbostylis barbata	Referred to species	*Bulbostylis barbata*
Bulbostylis burbidgeae **(P4)**	Omitted: Singleton record	N/A
Bulbostylis turbinata	Referred to species	*Bulbostylis turbinata*
Byblis pilbarana	Omitted: Singleton record	N/A
Cajanus ?*cinereus*	Referred to species	*Cajanus cinereus*
Cajanus cinereus	Referred to species	*Cajanus cinereus*
Cajanus pubescens	Referred to species	*Cajanus pubescens*
Cajanus sp. 1	Omitted: May represent multiple species	N/A
Cajanus sp. 2	Omitted: May represent multiple species	N/A
Cajanus sp. 3	Omitted: May represent multiple species	N/A
Calandrinia ptychosperma	Omitted: Singleton record	N/A
Calandrinia ?*pumila*	Referred to species	*Calandrinia pumila*
Calandrinia ?*stagnensis*	Omitted: Singleton record	N/A
Calandrinia tepperiana	Referred to species	*Calandrinia tepperiana*
**Calotropis procera*	Referred to species	*Calotropis procera*
Capparis spinosa subsp. *nummularia*	Omitted: Singleton record	N/A
Carissa lanceolata	Referred to species	*Carissa lanceolata*
Cassytha capillaris	Referred to species	*Cassytha capillaris*
Cassytha filiformis	Referred to species	*Cassytha filiformis*
Cassytha sp. 1	Omitted: May represent multiple species	N/A
Cassytha sp. 2	Omitted: May represent multiple species	N/A
Cassytha sp. 3	Omitted: May represent multiple species	N/A
Cathetus sp.	Omitted: May represent multiple species	N/A
Cathetus virgatus	Omitted: Singleton record	N/A
**Cenchrus ciliaris*	Referred to species	*Cenchrus ciliaris*
**Cenchrus setiger*	Referred to species	*Cenchrus setiger*
Cenchrus sp.	Omitted: May represent multiple species	N/A
Centipeda minima subsp. *macrocephala*	Omitted: Singleton record	N/A
Cheilanthes sieberi subsp. *Sieberi*	Omitted: Singleton record	N/A
Cheilanthes sp.	Omitted: May represent multiple species	N/A
**Chloris barbata*	Referred to species	*Chloris barbata*
Chloris pumilio	Omitted: Singleton record	N/A
**Chloris virgata*	Omitted: Singleton record	N/A
Chrysocephalum apiculatum subsp. *pilbarense*	Omitted: Singleton record	N/A
Chrysocephalum sp.	Omitted: May represent multiple species	N/A
Chrysopogon fallax	Referred to species	*Chrysopogon fallax*
**Citrullus colocynthis*	Referred to species	*Citrullus colocynthis*
Clerodendrum floribundum var. ?*angustifolium*	Referred to species	*Clerodendrum floribundum*
Clerodendrum floribundum var. *angustifolium*	Referred to species	*Clerodendrum floribundum*
Clerodendrum tomentosum var. *lanceolatum*	Referred to species	*Clerodendrum tomentosum*
Clerodendrum tomentosum var. *tomentosum*	Referred to species	*Clerodendrum tomentosum*
Cochlospermum macnamarae **(P1)**	Omitted: Singleton record	N/A
Codonocarpus cotinifolius	Omitted: Singleton record	N/A
Commelina ensifolia	Referred to species	*Commelina ensifolia*

Taxa	Status	Name Referred to for Analysis
Corchorus ?*incanus*	Referred to species	*Corchorus incanus*
Corchorus ?*incanus* subsp. *incanus*	Referred to species	*Corchorus incanus*
Corchorus incanus	Referred to species	*Corchorus incanus*
Corchorus incanus subsp. *incanus*	Referred to species	*Corchorus incanus*
Corchorus laniflorus	Referred to species	*Corchorus laniflorus*
Corchorus lasiocarpus subsp. *lasiocarpus*	Omitted: Singleton record	N/A
Corchorus ?*parviflorus*	Referred to species	*Corchorus parviflorus*
Corchorus parviflorus	Referred to species	*Corchorus parviflorus*
Corchorus sp. 1	Omitted: May represent multiple species	N/A
Corchorus sp. 2	Omitted: May represent multiple species	N/A
Corchorus tridens	Referred to species	*Corchorus tridens*
Corchorus trilocularis	Omitted: Singleton record	N/A
Corchorus walcottii	Referred to species	*Corchorus walcottii*
Corymbia ?*candida* subsp. *candida*	Referred to species	*Corymbia candida*
Corymbia candida subsp. *candida*	Referred to species	*Corymbia candida*
Corymbia flavescens	Omitted: Singleton record	N/A
?*Corymbia hamersleyana*	Referred to species	*Corymbia hamersleyana*
Corymbia ?*hamersleyana*	Referred to species	*Corymbia hamersleyana*
Corymbia hamersleyana	Referred to species	*Corymbia hamersleyana*
?*Corymbia* sp.	Omitted: May represent multiple species	N/A
Corymbia sp. 1	Omitted: May represent multiple species	N/A
Corymbia sp. 2	Omitted: May represent multiple species	N/A
Corymbia sp. 3	Omitted: May represent multiple species	N/A
Crotalaria ?*cunninghamii* subsp. *sturtii*	Referred to species	*Crotalaria cunninghamii*
Crotalaria cunninghamii subsp. *sturtii*	Referred to species	*Crotalaria cunninghamii*
Crotalaria medicaginea var. *neglecta*	Referred to species	*Crotalaria medicaginea*
Crotalaria novae-hollandiae subsp. *novae-hollandiae*	Referred to species	*Crotalaria novae-hollandiae*
Cucumis melo	Omitted: Singleton record	N/A
**Cucumis myriocarpus* subsp. *myriocarpus*	Omitted: Singleton record	N/A
Cucumis sp. Chichester Range (A.A. Mitchell et al. AAM 10691)	Omitted: Singleton record	N/A
Cucumis variabilis	Referred to species	*Cucumis variabilis*
Cullen lachnostachys	Referred to species	*Cullen lachnostachys*
Cullen leucanthum	Referred to species	*Cullen leucanthum*
Cullen leucochaites	Referred to species	*Cullen leucochaites*
Cullen martinii	Omitted: Singleton record	N/A
Cullen pallidum	Omitted: Singleton record	N/A
Cullen pogonocarpum	Referred to species	*Cullen pogonocarpum*
Cullen ?*pustulatum*	Referred to species	*Cullen pustulatum*
Cullen pustulatum	Referred to species	*Cullen pustulatum*
Cullen sp. 1	Omitted: May represent multiple species	N/A
Cullen sp. 2	Omitted: May represent multiple species	N/A
Cullen stipulaceum	Referred to species	*Cullen stipulaceum*
Cymbopogon ambiguus	Referred to species	*Cymbopogon ambiguus*
Cymbopogon obtectus	Referred to species	*Cymbopogon obtectus*
Cymbopogon procerus	Omitted: Singleton record	N/A
Cynanchum floribundum	Referred to species	*Cynanchum floribundum*
Cynanchum viminale subsp. *australe*	Omitted: Singleton record	N/A
Cynodon convergens	Omitted: Singleton record	N/A
**Cynodon dactylon*	Referred to species	*Cynodon dactylon*
Cynodon prostratus	Referred to species	*Cynodon prostratus*
Cyperus bifax	Referred to species	*Cyperus bifax*

Taxa	Status	Name Referred to for Analysis
Cyperus bulbosus	Omitted: Singleton record	N/A
Cyperus cunninghamii subsp. *cunninghamii*	Referred to species	*Cyperus cunninghamii*
Cyperus dactylotes	Referred to species	*Cyperus dactylotes*
Cyperus difformis	Referred to species	*Cyperus difformis*
Cyperus hesperius	Referred to species	*Cyperus hesperius*
Cyperus ixiocarpus	Referred to species	*Cyperus ixiocarpus*
Cyperus microcephalus subsp. *microcephalus*	Omitted: Singleton record	N/A
Cyperus sp. 1	Omitted: May represent multiple species	N/A
Cyperus sp. 2	Omitted: May represent multiple species	N/A
Cyperus squarrosus	Referred to species	*Cyperus squarrosus*
Cyperus vaginatus	Referred to species	*Cyperus vaginatus*
Dactyloctenium radulans	Referred to species	*Dactyloctenium radulans*
Dampiera candicans	Referred to species	*Dampiera candicans*
Dampiera sp.	Omitted: May represent multiple species	N/A
Dichanthium fecundum	Referred to species	*Dichanthium fecundum*
Dichanthium sericeum subsp. *humilius*	Omitted: Singleton record	N/A
Dichrostachys spicata	Referred to species	*Dichrostachys spicata*
Digitaria brownii	Referred to species	*Digitaria brownii*
Digitaria ctenantha	Omitted: Singleton record	N/A
Diplachne fusca subsp. *fusca*	Referred to species	*Diplachne fusca*
Dodonaea coriacea	Referred to species	*Dodonaea coriacea*
Dolichocarpa crouchiana	Referred to species	*Dolichocarpa crouchiana*
Dysphania kalpari	Referred to species	*Dysphania kalpari*
Dysphania plantaginella	Referred to species	*Dysphania plantaginella*
Dysphania rhadinostachya	Referred to species	*Dysphania rhadinostachya*
Dysphania rhadinostachya subsp. *inflata*	Referred to species	*Dysphania rhadinostachya*
Dysphania rhadinostachya subsp. *rhadinostachya*	Referred to species	*Dysphania rhadinostachya*
?*Dysphania* sp.	Omitted: May represent multiple species	N/A
Dysphania sp.	Omitted: May represent multiple species	N/A
Dysphania sphaerosperma	Referred to species	*Dysphania sphaerosperma*
**Echinochloa colona*	Referred to species	*Echinochloa colona*
Ehretia saligna var. *saligna*	Referred to species	*Ehretia saligna*
Enneapogon ?*caerulescens*	Referred to species	*Enneapogon caerulescens*
Enneapogon caerulescens	Referred to species	*Enneapogon caerulescens*
Enneapogon lindleyanus	Referred to species	*Enneapogon lindleyanus*
Enneapogon polyphyllus	Referred to species	*Enneapogon polyphyllus*
Enneapogon sp.	Omitted: May represent multiple species	N/A
Eragrostis crateriformis **(P3)**	Omitted: Singleton record	N/A
Eragrostis cumingii	Referred to species	*Eragrostis cumingii*
Eragrostis desertorum	Referred to species	*Eragrostis desertorum*
Eragrostis dielsii	Referred to species	*Eragrostis dielsii*
Eragrostis eriopoda	Referred to species	*Eragrostis eriopoda*
Eragrostis exigua	Referred to species	*Eragrostis exigua*
**Eragrostis minor*	Referred to species	*Eragrostis minor*
Eragrostis olida	Referred to species	*Eragrostis olida*
Eragrostis sp. 1	Omitted: May represent multiple species	N/A
Eragrostis sp. 2	Omitted: May represent multiple species	N/A
Eragrostis ?*tenellula*	Referred to species	*Eragrostis tenellula*
Eragrostis tenellula	Referred to species	*Eragrostis tenellula*
Eremophila latrobei ?subsp. *glabra*	Referred to species	*Eremophila latrobei*
Eremophila latrobei subsp. *glabra*	Referred to species	*Eremophila latrobei*
Eremophila latrobei subsp. *latrobei*	Referred to species	*Eremophila latrobei*

Taxa	Status	Name Referred to for Analysis
Eremophila longifolia	Omitted: Singleton record	N/A
Eriachne aristidea	Referred to species	*Eriachne aristidea*
Eriachne benthamii	Referred to species	*Eriachne benthamii*
Eriachne ciliata	Referred to species	*Eriachne ciliata*
Eriachne flaccida	Referred to species	*Eriachne flaccida*
Eriachne helmsii	Referred to species	*Eriachne helmsii*
Eriachne melicacea	Omitted: Singleton record	N/A
Eriachne mucronata	Referred to species	*Eriachne mucronata*
Eriachne obtusa	Referred to species	*Eriachne obtusa*
Eriachne pulchella	Referred to species	*Eriachne pulchella*
Eriachne pulchella subsp. *dominii*	Referred to species	*Eriachne pulchella*
Eriachne pulchella subsp. *pulchella*	Referred to species	*Eriachne pulchella*
Eriachne sp. 1	Omitted: May represent multiple species	N/A
Eriachne sp. 2	Omitted: May represent multiple species	N/A
Eriachne sp. 3	Omitted: May represent multiple species	N/A
Eriachne sp. 4	Omitted: May represent multiple species	N/A
Eriachne sp. Dugald River (B.K. Simon+ 3007)	Referred to species	*Eriachne* sp. Dugald River (B.K. Simon+ 3007)
Eriachne tenuiculmis	Referred to species	*Eriachne tenuiculmis*
Erythrina vespertilio	Omitted: Singleton record	N/A
Eucalyptus ? *camaldulensis*	Referred to species	*Eucalyptus camaldulensis*
Eucalyptus camaldulensis	Referred to species	*Eucalyptus camaldulensis*
Eucalyptus camaldulensis ?subsp. *refulgens*	Referred to species	*Eucalyptus camaldulensis*
Eucalyptus camaldulensis subsp. *refulgens*	Referred to species	*Eucalyptus camaldulensis*
Eucalyptus ? *leucophloia* subsp. *leucophloia*	Referred to species	*Eucalyptus leucophloia*
Eucalyptus leucophloia	Referred to species	*Eucalyptus leucophloia*
Eucalyptus leucophloia subsp. *leucophloia*	Referred to species	*Eucalyptus leucophloia*
Eucalyptus sp. 1	Omitted: May represent multiple species	N/A
Eucalyptus sp. 2	Omitted: May represent multiple species	N/A
Eucalyptus victrix	Referred to species	*Eucalyptus victrix*
Eulalia aurea	Referred to species	*Eulalia aurea*
Euphorbia ? *australis*	Referred to species	*Euphorbia australis*
Euphorbia australis var. *subtomentosa*	Referred to species	*Euphorbia australis*
Euphorbia biconvexa	Referred to species	*Euphorbia biconvexa*
Euphorbia boophthona	Referred to species	*Euphorbia boophthona*
Euphorbia careyi	Referred to species	*Euphorbia careyi*
Euphorbia coghlanii	Referred to species	*Euphorbia coghlanii*
Euphorbia inappendiculata var. *inappendiculata* **(P3)**	Referred to species	*Euphorbia inappendiculata*
Euphorbia sp. 1	Omitted: May represent multiple species	N/A
Euphorbia sp. 2	Omitted: May represent multiple species	N/A
Euphorbia ? *tannensis* subsp. *eremophila*	Referred to species	*Euphorbia tannensis*
Euphorbia tannensis subsp. *eremophila*	Referred to species	*Euphorbia tannensis*
Euphorbia trigonosperma	Referred to species	*Euphorbia trigonosperma*
Euploca ? *chrysocarpa*	Referred to species	*Euploca chrysocarpa*
Euploca chrysocarpa	Referred to species	*Euploca chrysocarpa*
Euploca conocarpa	Omitted: Singleton record	N/A
Euploca ? *cunninghamii*	Referred to species	*Euploca cunninghamii*
Euploca cunninghamii	Referred to species	*Euploca cunninghamii*
Euploca heterantha	Referred to species	*Euploca heterantha*
Euploca ? *pachyphylla*	Referred to species	*Euploca pachyphylla*
Euploca pachyphylla	Referred to species	*Euploca pachyphylla*
Euploca skeleton	Referred to species	*Euploca skeleton*
Euploca tanythrix	Referred to species	*Euploca tanythrix*

Taxa	Status	Name Referred to for Analysis
Euploca tenuifolia	Referred to species	*Euploca tenuifolia*
Evolvulus alsinoides	Referred to species	*Evolvulus alsinoides*
Evolvulus alsinoides var. *villosicalyx*	Referred to species	*Evolvulus alsinoides*
Ficus aculeata var. *indecora*	Referred to species	*Ficus aculeata*
Ficus brachypoda	Referred to species	*Ficus brachypoda*
Fimbristylis dichotoma	Referred to species	*Fimbristylis dichotoma*
Fimbristylis elegans	Referred to species	*Fimbristylis elegans*
Fimbristylis simulans	Referred to species	*Fimbristylis simulans*
Fimbristylis sp.	Omitted: May represent multiple species	N/A
**Flaveria trinervia*	Omitted: Singleton record	N/A
Flueggea virosa subsp. *melanthesoides*	Referred to species	*Flueggea virosa*
Fuirena ciliaris	Omitted: Singleton record	N/A
Glycine canescens	Referred to species	*Glycine canescens*
Gomphrena canescens	Omitted: Singleton record	N/A
Gomphrena cunninghamii	Referred to species	*Gomphrena cunninghamii*
Gomphrena kanisii	Omitted: Singleton record	N/A
Gomphrena lanata	Omitted: Singleton record	N/A
Gomphrena leptoclada subsp. *leptoclada*	Referred to species	*Gomphrena leptoclada*
Gonocarpus ephemerus	Omitted: Singleton record	N/A
Goodenia armitiana	Referred to species	*Goodenia armitiana*
Goodenia ? cusackiana	Referred to species	*Goodenia cusackiana*
Goodenia cusackiana	Referred to species	*Goodenia cusackiana*
Goodenia lamprosperma	Referred to species	*Goodenia lamprosperma*
Goodenia microptera	Referred to species	*Goodenia microptera*
Goodenia ? muelleriana	Referred to species	*Goodenia muelleriana*
Goodenia muelleriana	Referred to species	*Goodenia muelleriana*
Goodenia nuda	Omitted: Singleton record	N/A
Goodenia scaevolina	Omitted: Singleton record	N/A
Goodenia sp. 1	Omitted: May represent multiple species	N/A
Goodenia sp. 2	Omitted: May represent multiple species	N/A
Goodenia stobbsiana	Referred to species	*Goodenia stobbsiana*
Goodeniaceae sp.	Omitted: May represent multiple species	N/A
Gossypium australe	Referred to species	*Gossypium australe*
Gossypium robinsonii	Referred to species	*Gossypium robinsonii*
Grevillea pyramidalis subsp. *leucadendron*	Referred to species	*Grevillea pyramidalis*
Grevillea wickhamii	Referred to species	*Grevillea wickhamii*
Grevillea wickhamii subsp. *aprica*	Referred to species	*Grevillea wickhamii*
Grevillea wickhamii subsp. *hispidula*	Referred to species	*Grevillea wickhamii*
Grona filiformis	Omitted: Singleton record	N/A
Gymnanthera cunninghamii **(P3)**	Omitted: Singleton record	N/A
Gymnema erectum	Omitted: Singleton record	N/A
Hakea lorea subsp. *lorea*	Referred to species	*Hakea lorea*
Haloragis ? gossei	Referred to species	*Haloragis gossei*
Haloragis gossei ?var. *gossei*	Referred to species	*Haloragis gossei*
Haloragis gossei var. *gossei*	Referred to species	*Haloragis gossei*
Haloragis sp. 1	Omitted: May represent multiple species	N/A
Haloragis sp. 2	Omitted: May represent multiple species	N/A
Heliotropium crispatum	Referred to species	*Heliotropium crispatum*
Heliotropium ? murinum **(P3)**	Referred to species	*Heliotropium murinum*
Heliotropium murinum **(P3)**	Referred to species	*Heliotropium murinum*
Heliotropium sp. 1	Omitted: May represent multiple species	N/A
Heliotropium sp. 2	Omitted: May represent multiple species	N/A
Hibiscus austrinus var. *austrinus*	Referred to species	*Hibiscus austrinus*

Taxa	Status	Name Referred to for Analysis
Hibiscus brachychlaenus	Omitted: Singleton record	N/A
Hibiscus burtonii	Referred to species	*Hibiscus burtonii*
Hibiscus coatesii	Referred to species	*Hibiscus coatesii*
Hibiscus goldsworthii	Referred to species	*Hibiscus goldsworthii*
Hibiscus leptocladus	Referred to species	*Hibiscus leptocladus*
?*Hibiscus sturtii*	Referred to species	*Hibiscus sturtii*
Hibiscus ?*sturtii*	Referred to species	*Hibiscus sturtii*
Hibiscus sturtii	Referred to species	*Hibiscus sturtii*
Hibiscus sturtii var. *campylochlamys*	Referred to species	*Hibiscus sturtii*
Hibiscus sturtii var. *platychlamys*	Referred to species	*Hibiscus sturtii*
Hypertelis cerviana	Omitted: Singleton record	N/A
Indigastrum parviflorum	Referred to species	*Indigastrum parviflorum*
Indigofera colutea	Referred to species	*Indigofera colutea*
Indigofera deserticola	Referred to species	*Indigofera deserticola*
Indigofera hirsuta	Omitted: Singleton record	N/A
Indigofera linifolia	Referred to species	*Indigofera linifolia*
Indigofera linnaei	Referred to species	*Indigofera linnaei*
Indigofera monophylla	Referred to species	*Indigofera monophylla*
Indigofera rugosa	Referred to species	*Indigofera rugosa*
**Indigofera sessiliflora*	Referred to species	*Indigofera sessiliflora*
Indigofera sp. 1	Omitted: May represent multiple species	N/A
Indigofera sp. 2	Omitted: May represent multiple species	N/A
Indigofera sp. 3	Omitted: May represent multiple species	N/A
Indigofera trita	Referred to species	*Indigofera trita*
Indigofera trita ?subsp. *trita*	Referred to species	*Indigofera trita*
Indigofera trita subsp. *trita*	Referred to species	*Indigofera trita*
Ipomoea coptica	Referred to species	*Ipomoea coptica*
Ipomoea lonchophylla	Omitted: Singleton record	N/A
Ipomoea muelleri	Referred to species	*Ipomoea muelleri*
Ipomoea polymorpha	Referred to species	*Ipomoea polymorpha*
Iseilema dolichotrichum	Referred to species	*Iseilema dolichotrichum*
Iseilema membranaceum	Referred to species	*Iseilema membranaceum*
Isotropis atropurpurea	Referred to species	*Isotropis atropurpurea*
Jasminum didymum subsp. *lineare*	Referred to species	*Jasminum didymum*
Josephinia eugeniae	Omitted: Singleton record	N/A
Josephinia sp. Mt Edgar Station (N.T. Burbidge 1194)	Referred to species	*Josephinia* sp. Mt Edgar Station (N.T. Burbidge 1194)
Kirganelia baccata	Referred to species	*Kirganelia baccata*
Lepidium pedicellosum	Referred to species	*Lepidium pedicellosum*
Ludwigia perennis	Referred to species	*Ludwigia perennis*
Lysiana casuarinae	Omitted: Singleton record	N/A
Mallotus nesophilus	Omitted: Singleton record	N/A
Malvaceae sp. 1	Omitted: May represent multiple species	N/A
Malvaceae sp. 2	Omitted: May represent multiple species	N/A
Malvaceae sp. 3	Omitted: May represent multiple species	N/A
**Malvastrum americanum*	Referred to species	*Malvastrum americanum*
Marsilea exarata	Omitted: Singleton record	N/A
Marsilea hirsuta	Referred to species	*Marsilea hirsuta*
Marsilea sp. 1	Omitted: May represent multiple species	N/A
Marsilea sp. 2	Omitted: May represent multiple species	N/A
Melaleuca argentea	Referred to species	*Melaleuca argentea*
Melaleuca bracteata	Referred to species	*Melaleuca bracteata*
Melaleuca ?*glomerata*	Referred to species	*Melaleuca glomerata*

Taxa	Status	Name Referred to for Analysis
Melaleuca glomerata	Referred to species	*Melaleuca glomerata*
Melaleuca ?linophylla	Referred to species	*Melaleuca linophylla*
Melaleuca linophylla	Referred to species	*Melaleuca linophylla*
Melhania oblongifolia	Referred to species	*Melhania oblongifolia*
Mitrasacme connata	Omitted: Singleton record	N/A
Nellica maderaspatensis	Referred to species	*Nellica maderaspatensis*
Neptunia sp.	Omitted: May represent multiple species	N/A
Nicotiana benthamiana	Referred to species	*Nicotiana benthamiana*
Nicotiana bilybara	Omitted: Singleton record	N/A
Nicotiana occidentalis	Omitted: Singleton record	N/A
Notoleptopus decaisnei	Referred to species	*Notoleptopus decaisnei*
Olearia fluvialis	Referred to species	*Olearia fluvialis*
Operculina aequisepala	Referred to species	*Operculina aequisepala*
Panicum australiense	Referred to species	*Panicum australiense*
Panicum australiense var. *australiense*	Referred to species	*Panicum australiense*
Paraneurachne muelleri	Referred to species	*Paraneurachne muelleri*
Paspalidium basicladum	Omitted: Singleton record	N/A
Paspalidium clementii	Referred to species	*Paspalidium clementii*
Paspalidium jubiflorum	Omitted: Singleton record	N/A
Paspalidium rarum	Referred to species	*Paspalidium rarum*
Pentalepis trichodesmoides subsp. *trichodesmoides*	Referred to species	*Pentalepis trichodesmoides*
Perotis rara	Referred to species	*Perotis rara*
Petalostylis labicheoides	Referred to species	*Petalostylis labicheoides*
Phyllanthus hebecarpus **(P3)**	Omitted: Singleton record	N/A
**Physalis angulata*	Referred to species	*Physalis angulata*
Pittosporum angustifolium	Omitted: Singleton record	N/A
Pluchea dentex	Referred to species	*Pluchea dentex*
Pluchea ferdinandi-muelleri	Referred to species	*Pluchea ferdinandi-muelleri*
?Pluchea rubelliflora	Referred to species	*Pluchea rubelliflora*
Pluchea rubelliflora	Referred to species	*Pluchea rubelliflora*
Pluchea tetranthera	Referred to species	*Pluchea tetranthera*
Poaceae sp. 1	Omitted: May represent multiple species	N/A
Poaceae sp. 2	Omitted: May represent multiple species	N/A
Poaceae sp. 3	Omitted: May represent multiple species	N/A
Polycarpaea corymbosa var. *corymbosa*	Referred to species	*Polycarpaea corymbosa*
Polycarpaea holtzei	Referred to species	*Polycarpaea holtzei*
Polycarpaea longiflora	Referred to species	*Polycarpaea longiflora*
Polygala glaucifolia	Referred to species	*Polygala glaucifolia*
Polygala isingii	Referred to species	*Polygala isingii*
Polygala sp.	Omitted: May represent multiple species	N/A
Polymeria ambigua	Referred to species	*Polymeria ambigua*
Polymeria calycina	Referred to species	*Polymeria calycina*
Polymeria lanata	Referred to species	*Polymeria lanata*
Polymeria ?mollis	Referred to species	*Polymeria mollis*
Polymeria mollis	Referred to species	*Polymeria mollis*
Portulaca filifolia	Omitted: Singleton record	N/A
Portulaca oleracea	Referred to species	*Portulaca oleracea*
Potamogeton tepperi	Omitted: Singleton record	N/A
Pterocaulon serrulatum var. *velutinum*	Referred to species	*Pterocaulon serrulatum*
Pterocaulon sphacelatum	Referred to species	*Pterocaulon sphacelatum*
Ptilotus astrolasius	Referred to species	*Ptilotus astrolasius*
Ptilotus auriculifolius	Referred to species	*Ptilotus auriculifolius*
Ptilotus axillaris	Referred to species	*Ptilotus axillaris*

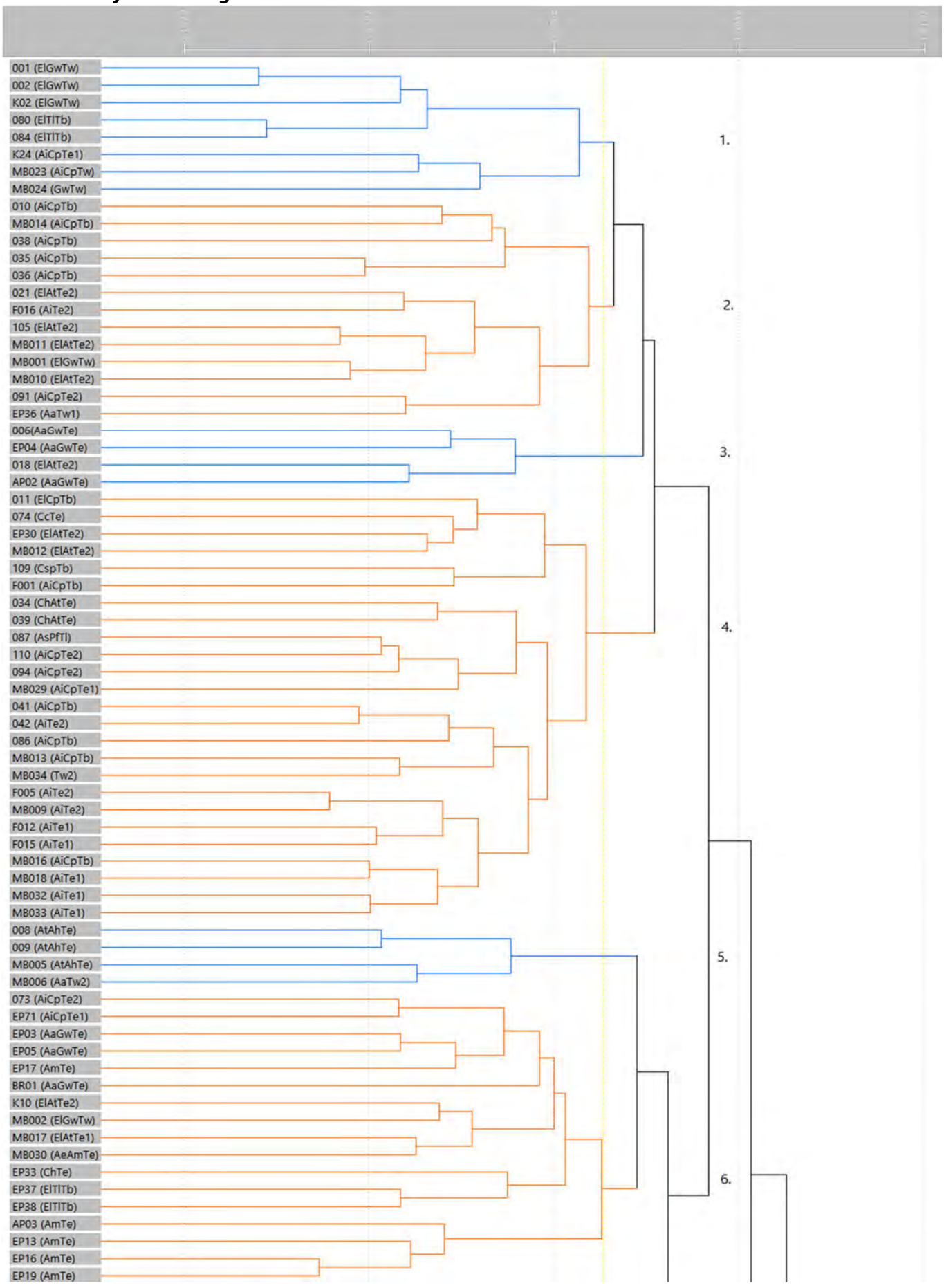
Taxa	Status	Name Referred to for Analysis
Ptilotus calostachyus	Referred to species	*Ptilotus calostachyus*
Ptilotus clementii	Referred to species	*Ptilotus clementii*
Ptilotus exaltatus	Referred to species	*Ptilotus exaltatus*
Ptilotus fusiformis	Referred to species	*Ptilotus fusiformis*
Ptilotus gomphrenoides	Omitted: Singleton record	N/A
Ptilotus incanus	Referred to species	*Ptilotus incanus*
Ptilotus mollis **(P4)**	Omitted: Singleton record	N/A
Ptilotus obovatus	Referred to species	*Ptilotus obovatus*
?*Ptilotus* sp.	Omitted: May represent multiple species	N/A
Ptilotus sp.	Omitted: May represent multiple species	N/A
Quoya zonalis **(T)**	Omitted: Singleton record	N/A
Rhynchosia australis	Referred to species	*Rhynchosia australis*
Rhynchosia minima	Referred to species	*Rhynchosia minima*
Rhynchosia sp. 1	Omitted: May represent multiple species	N/A
Rhynchosia sp. 2	Omitted: May represent multiple species	N/A
Rhynchosia sp. 3	Omitted: May represent multiple species	N/A
Rhynchosia sp. 4	Omitted: May represent multiple species	N/A
Rhynchosia sp. 5	Omitted: May represent multiple species	N/A
Rhynchosia sp. 6	Omitted: May represent multiple species	N/A
Rostellularia adscendens var. *clementii*	Omitted: Singleton record	N/A
Scaevola ?*amblyanthera* var. *centralis*	Referred to species	*Scaevola amblyanthera*
Scaevola amblyanthera var. *centralis*	Referred to species	*Scaevola amblyanthera*
Scaevola browniana subsp. *browniana*	Omitted: Singleton record	N/A
Scaevola parvifolia	Omitted: Singleton record	N/A
Scaevola sp.	Omitted: May represent multiple species	N/A
Schizachyrium fragile	Referred to species	*Schizachyrium fragile*
Sclerolaena costata	Omitted: Singleton record	N/A
Sclerolaena densiflora	Omitted: Singleton record	N/A
Sclerolaena hostilis	Referred to species	*Sclerolaena hostilis*
Senna artemisioides subsp. *helmsii*	Referred to species	*Senna artemisioides*
Senna artemisioides subsp. *helmsii x oligophylla*	Referred to species	*Senna artemisioides*
Senna artemisioides subsp. *oligophylla*	Referred to species	*Senna artemisioides*
Senna ferraria	Omitted: Singleton record	N/A
Senna glaucifolia	Omitted: Singleton record	N/A
Senna ?*glutinosa*	Referred to species	*Senna glutinosa*
Senna glutinosa	Referred to species	*Senna glutinosa*
Senna glutinosa subsp. *glutinosa*	Referred to species	*Senna glutinosa*
Senna glutinosa subsp. *pruinosa*	Referred to species	*Senna glutinosa*
Senna glutinosa subsp. *x luerssenii*	Referred to species	*Senna glutinosa*
Senna notabilis	Referred to species	*Senna notabilis*
Senna symonii	Referred to species	*Senna symonii*
Senna venusta	Referred to species	*Senna venusta*
Seringia nephrosperma	Omitted: Singleton record	N/A
Sesbania cannabina	Referred to species	*Sesbania cannabina*
Sesbania formosa	Referred to species	*Sesbania formosa*
**Setaria verticillata*	Omitted: Singleton record	N/A
Sida arenicola	Referred to species	*Sida arenicola*
Sida arsiniata	Omitted: Singleton record	N/A
Sida cardiophylla	Referred to species	*Sida cardiophylla*
Sida clementii	Referred to species	*Sida clementii*
Sida ?*echinocarpa*	Referred to species	*Sida echinocarpa*
Sida echinocarpa	Referred to species	*Sida echinocarpa*
Sida ?*fibulifera*	Referred to species	*Sida fibulifera*

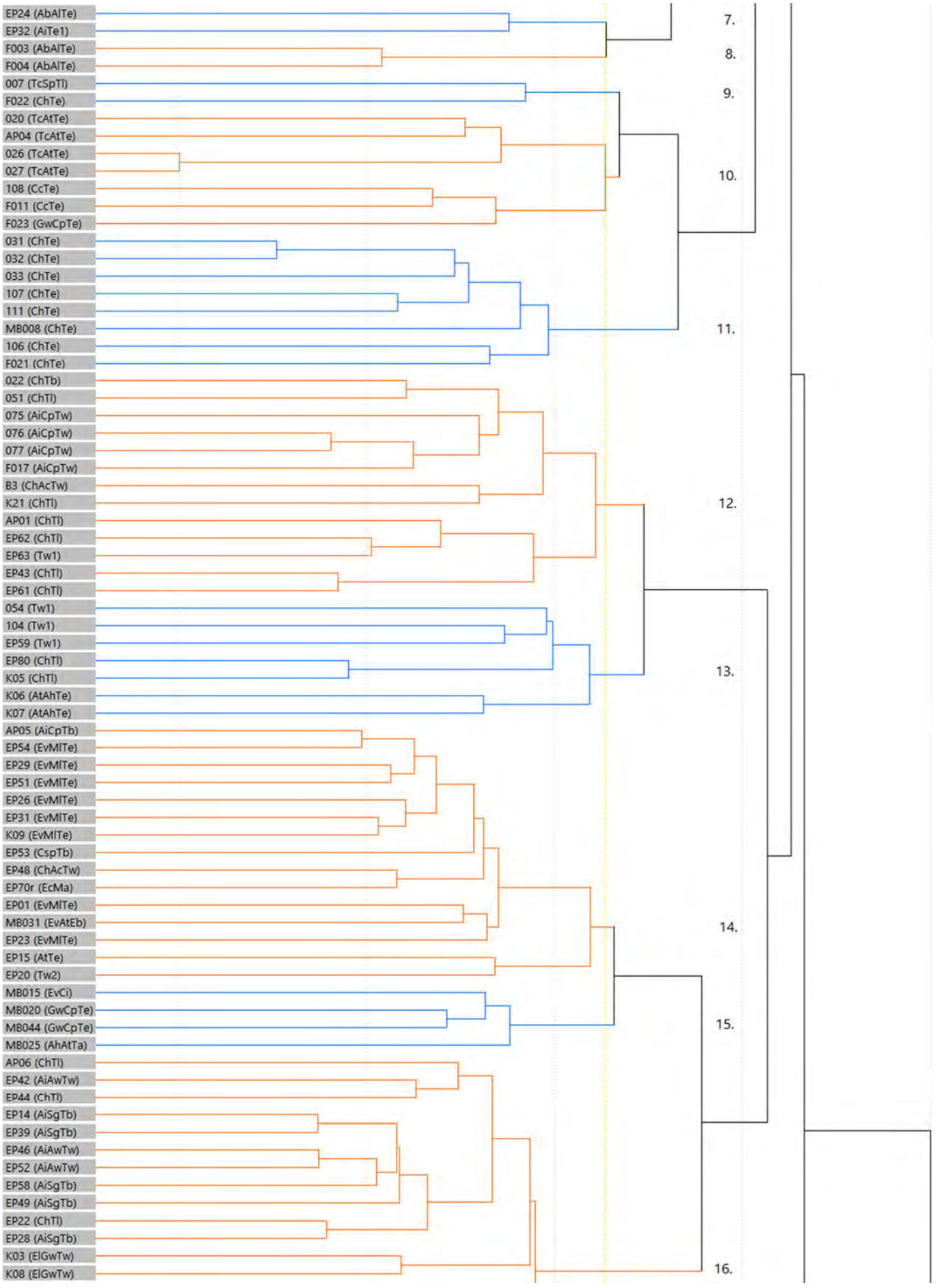
Taxa	Status	Name Referred to for Analysis
Sida fibulifera	Referred to species	*Sida fibulifera*
Sida ? *macropoda*	Referred to species	*Sida macropoda*
Sida macropoda	Referred to species	*Sida macropoda*
Sida platycalyx	Omitted: Singleton record	N/A
Sida rohlenae subsp. *rohlenae*	Referred to species	*Sida rohlenae*
Sida sp. 1	Omitted: May represent multiple species	N/A
Sida sp. 2	Omitted: May represent multiple species	N/A
Sida sp. 3	Omitted: May represent multiple species	N/A
Sida sp. articulation below (A.A. Mitchell PRP 1605)	Referred to species	*Sida* sp. articulation below (A.A. Mitchell PRP 1605)
Sida sp. Excedentifolia (J.L. Egan 1925)	Omitted: Singleton record	N/A
Sida sp. Pilbara (A.A. Mitchell PRP 1543)	Referred to species	*Sida* sp. Pilbara (A.A. Mitchell PRP 1543)
Sida sp. spiciform panicles (E. Leyland s.n. 14/8/90)	Omitted: Singleton record	N/A
Sida spinosa	Referred to species	*Sida spinosa*
Solanum ? *centrale*	Referred to species	*Solanum centrale*
Solanum cleistogamum	Omitted: Singleton record	N/A
Solanum diversiflorum	Referred to species	*Solanum diversiflorum*
Solanum gabrielae	Referred to species	*Solanum gabrielae*
Solanum horridum	Referred to species	*Solanum horridum*
Solanum lasiophyllum	Referred to species	*Solanum lasiophyllum*
Solanum lucani	Referred to species	*Solanum lucani*
* *Solanum nigrum*	Referred to species	*Solanum nigrum*
Solanum ? *phlomoides*	Referred to species	*Solanum phlomoides*
Solanum phlomoides	Referred to species	*Solanum phlomoides*
Solanum sp.	Omitted: May represent multiple species	N/A
* *Sonchus oleraceus*	Omitted: Singleton record	N/A
Sporobolus actinocladus	Referred to species	*Sporobolus actinocladus*
Sporobolus australasicus	Referred to species	*Sporobolus australasicus*
Sporobolus ramigerus	Referred to species	*Sporobolus ramigerus*
Stackhousia ? *intermedia*	Referred to species	*Stackhousia intermedia*
Stackhousia intermedia	Referred to species	*Stackhousia intermedia*
Stackhousia muricata	Referred to species	*Stackhousia muricata*
Stemodia grossa	Referred to species	*Stemodia grossa*
Stemodia kingii	Omitted: Singleton record	N/A
Stemodia viscosa	Referred to species	*Stemodia viscosa*
Streptoglossa ? *bubakii*	Referred to species	*Streptoglossa bubakii*
Streptoglossa ? *decurrens*	Referred to species	*Streptoglossa decurrens*
Streptoglossa decurrens	Referred to species	*Streptoglossa decurrens*
Stylidium desertorum	Omitted: Singleton record	N/A
Swainsona decurrens	Referred to species	*Swainsona decurrens*
Swainsona ? *formosa*	Referred to species	*Swainsona formosa*
Swainsona formosa	Referred to species	*Swainsona formosa*
Swainsona sp. 1	Omitted: May represent multiple species	N/A
Swainsona sp. 2	Omitted: May represent multiple species	N/A
Swainsona stenodonta	Referred to species	*Swainsona stenodonta*
Synaptantha tillaeacea var. *tillaeacea*	Referred to species	*Synaptantha tillaeacea*
Templetonia hookeri	Omitted: Singleton record	N/A
Tephrosia clementii	Omitted: Singleton record	N/A
Tephrosia densa	Referred to species	*Tephrosia densa*
Tephrosia leptoclada	Omitted: Singleton record	N/A
Tephrosia rosea	Referred to species	*Tephrosia rosea*
Tephrosia rosea ?var. *clementii*	Referred to species	*Tephrosia rosea*

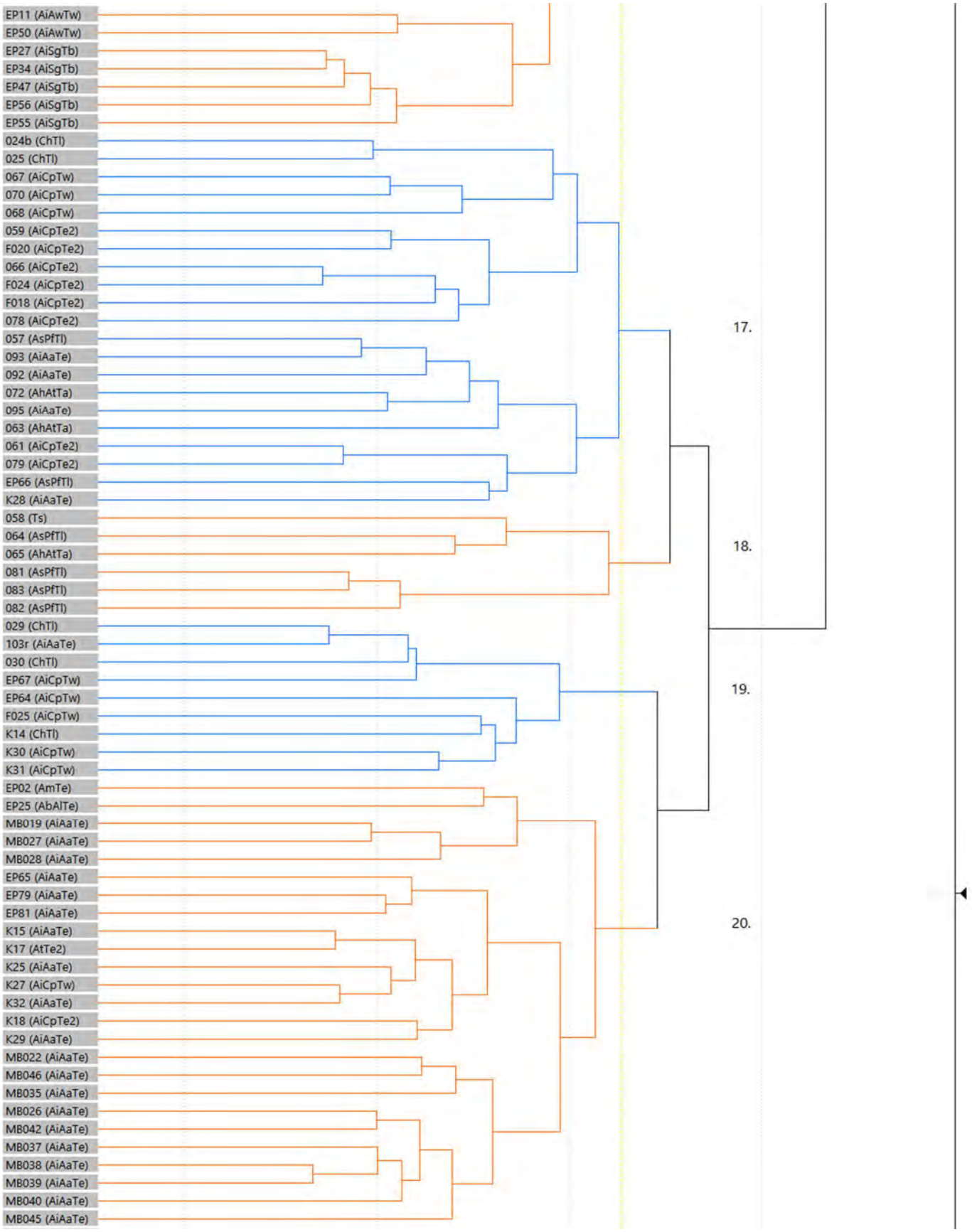
Taxa	Status	Name Referred to for Analysis
Tephrosia rosea var. *clementii*	Referred to species	*Tephrosia rosea*
? *Tephrosia* sp.	Omitted: May represent multiple species	N/A
Tephrosia sp. 1	Omitted: May represent multiple species	N/A
Tephrosia sp. 2	Omitted: May represent multiple species	N/A
Tephrosia sp. B Kimberley Flora (C.A. Gardner 7300)	Referred to species	*Tephrosia* sp. B Kimberley Flora (C.A. Gardner 7300)
Tephrosia sp. Bungaroo Creek (M.E. Trudgen 11601)	Referred to species	*Tephrosia* sp. Bungaroo Creek (M.E. Trudgen 11601)
Tephrosia sp. clay soils (S. van Leeuwen et al. PBS 0273)	Omitted: Singleton record	N/A
Tephrosia sp. D Kimberley Flora (R.D. Royce 1848)	Omitted: Singleton record	N/A
Tephrosia sp. Newman (A.A. Mitchell PRP 29)	Referred to species	*Tephrosia* sp. Newman (A.A. Mitchell PRP 29)
Tephrosia sp. NW Eremaean (S. van Leeuwen et al. PBS 0356)	Referred to species	*Tephrosia* sp. NW Eremaean (S. van Leeuwen et al. PBS 0356)
Tephrosia ? supina	Referred to species	*Tephrosia supina*
Tephrosia supina	Referred to species	*Tephrosia supina*
Tephrosia ? virens	Referred to species	*Tephrosia virens*
Tephrosia virens	Referred to species	*Tephrosia virens*
Terminalia circumalata	Referred to species	*Terminalia circumalata*
Terminalia sp.	Omitted: May represent multiple species	N/A
? *Terminalia* sp. 1	Omitted: May represent multiple species	N/A
? *Terminalia* sp. 2	Omitted: May represent multiple species	N/A
? *Terminalia* sp. 3	Omitted: May represent multiple species	N/A
? *Terminalia* sp. 4	Omitted: May represent multiple species	N/A
Themeda ? triandra	Referred to species	*Themeda triandra*
Themeda triandra	Referred to species	*Themeda triandra*
Tinospora smilacina	Referred to species	*Tinospora smilacina*
Trachymene oleracea	Referred to species	*Trachymene oleracea*
Trachymene oleracea subsp. *oleracea*	Referred to species	*Trachymene oleracea*
Trachymene pilbarensis	Omitted: Singleton record	N/A
Trianthema pilosum	Referred to species	*Trianthema pilosum*
* *Trianthema portulacastrum*	Omitted: Singleton record	N/A
Trianthema triquetrum	Referred to species	*Trianthema triquetrum*
Trianthema turgidifolium	Referred to species	*Trianthema turgidifolium*
Tribulus hirsutus	Referred to species	*Tribulus hirsutus*
Tribulus occidentalis	Referred to species	*Tribulus occidentalis*
Tribulus ? platypterus	Referred to species	*Tribulus platypterus*
Tribulus platypterus	Referred to species	*Tribulus platypterus*
Tribulus suberosus	Referred to species	*Tribulus suberosus*
Trichodesma zeylanicum	Referred to species	*Trichodesma zeylanicum*
Trichodesma zeylanicum var. *zeylanicum*	Referred to species	*Trichodesma zeylanicum*
Trichosanthes cucumerina var. *cucumerina*	Omitted: Singleton record	N/A
Trigastrotheca molluginea	Referred to species	*Trigastrotheca molluginea*
Triodia ? angusta	Referred to species	*Triodia angusta*
Triodia angusta	Referred to species	*Triodia angusta*
Triodia ? brizoides	Referred to species	*Triodia brizoides*
Triodia brizoides	Referred to species	*Triodia brizoides*
Triodia ? epactia	Referred to species	*Triodia epactia*
Triodia epactia	Referred to species	*Triodia epactia*
Triodia lanigera	Referred to species	*Triodia lanigera*
Triodia longiceps	Referred to species	*Triodia longiceps*

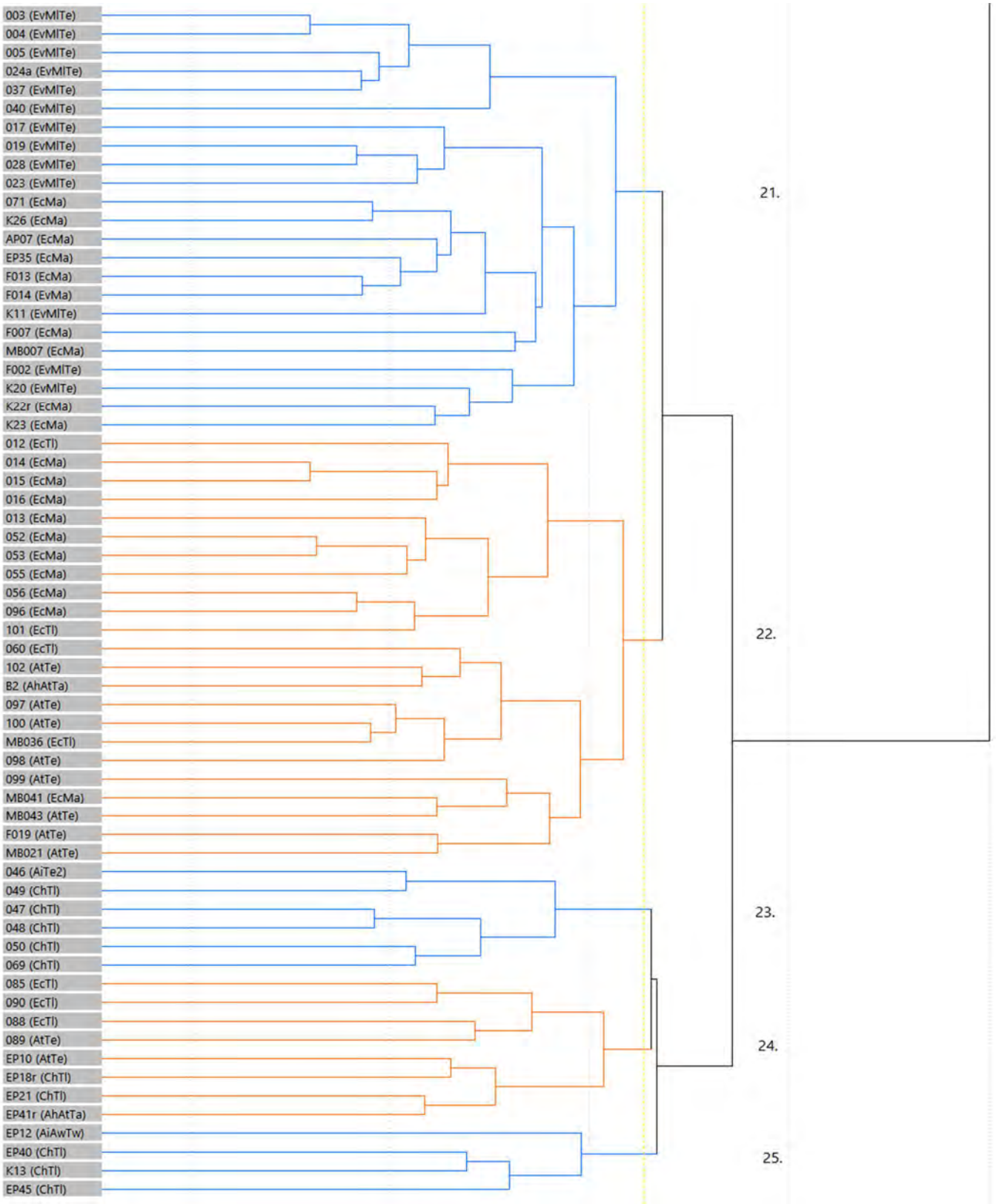
Taxa	Status	Name Referred to for Analysis
Triodia secunda	Omitted: Singleton record	N/A
Triodia ? wiseana	Referred to species	*Triodia wiseana*
Triodia wiseana	Referred to species	*Triodia wiseana*
Tripogonella loliiformis	Referred to species	*Tripogonella loliiformis*
Triumfetta ? appendiculata	Referred to species	*Triumfetta appendiculata*
Triumfetta appendiculata	Referred to species	*Triumfetta appendiculata*
Triumfetta chaetocarpa	Referred to species	*Triumfetta chaetocarpa*
Triumfetta clementii	Referred to species	*Triumfetta clementii*
Triumfetta johnstonii	Omitted: Singleton record	N/A
Triumfetta leptacantha	Omitted: Singleton record	N/A
Triumfetta maconochieana	Referred to species	*Triumfetta maconochieana*
Triumfetta propinqua	Referred to species	*Triumfetta propinqua*
Triumfetta ramosa	Omitted: Singleton record	N/A
Triumfetta sp. 1	Omitted: May represent multiple species	N/A
Triumfetta sp. 2	Omitted: May represent multiple species	N/A
Typha domingensis	Referred to species	*Typha domingensis*
* *Vachellia farnesiana* var. *farnesiana*	Referred to species	*Vachellia farnesiana*
Vigna lanceolata var. *lanceolata*	Referred to species	*Vigna lanceolata*
Vigna sp. Hamersley Clay (A.A. Mitchell PRP 113)	Referred to species	*Vigna* sp. Hamersley Clay (A.A. Mitchell PRP 113)
Vincetoxicum flexuosum	Omitted: Singleton record	N/A
Vittadinia dissecta var. *hirta*	Omitted: Singleton record	N/A
Wahlenbergia tumidifructa	Referred to species	*Wahlenbergia tumidifructa*
Waltheria indica	Referred to species	*Waltheria indica*
Waltheria virgata	Omitted: Singleton record	N/A
Whiteochloa cymbiformis	Omitted: Singleton record	N/A
Zaleya galericulata subsp. *galericulata*	Omitted: Singleton record	N/A
Zornia albiflora	Omitted: Singleton record	N/A

Cluster Analysis Dendrogram




EP24 (AbAlTe)
EP32 (AiTe1)
F003 (AbAlTe)
F004 (AbAlTe)
007 (TcSpTl)
F022 (ChTe)
020 (TcAtTe)
AP04 (TcAtTe)
026 (TcAtTe)
027 (TcAtTe)
108 (CcTe)
F011 (CcTe)
F023 (GwCpTe)
031 (ChTe)
032 (ChTe)
033 (ChTe)
107 (ChTe)
111 (ChTe)
MB008 (ChTe)
106 (ChTe)
F021 (ChTe)
022 (ChTb)
051 (ChTl)
075 (AiCpTw)
076 (AiCpTw)
077 (AiCpTw)
F017 (AiCpTw)
B3 (ChAcTw)
K21 (ChTl)
AP01 (ChTl)
EP62 (ChTl)
EP63 (Tw1)
EP43 (ChTl)
EP61 (ChTl)
054 (Tw1)
104 (Tw1)
EP59 (Tw1)
EP80 (ChTl)
K05 (ChTl)
K06 (AtAhTe)
K07 (AtAhTe)
AP05 (AiCpTb)
EP54 (EvMlTe)
EP29 (EvMlTe)
EP51 (EvMlTe)
EP26 (EvMlTe)
EP31 (EvMlTe)
K09 (EvMlTe)
EP53 (CspTb)
EP48 (ChAcTw)
EP70r (EcMa)
EP01 (EvMlTe)
MB031 (EvAtEb)
EP23 (EvMlTe)
EP15 (AtTe)
EP20 (Tw2)
MB015 (EvCi)
MB020 (GwCpTe)
MB044 (GwCpTe)
MB025 (AhAtTa)
AP06 (ChTl)
EP42 (AiAwTw)
EP44 (ChTl)
EP14 (AiSgTb)
EP39 (AiSgTb)
EP46 (AiAwTw)
EP52 (AiAwTw)
EP58 (AiSgTb)
EP49 (AiSgTb)
EP22 (ChTl)
EP28 (AiSgTb)
K03 (ElGwTw)
K08 (ElGwTw)
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EP11 (AiAwTw)
EP50 (AiAwTw)
EP27 (AiSgTb)
EP34 (AiSgTb)
EP47 (AiSgTb)
EP56 (AiSgTb)
EP55 (AiSgTb)
024b (ChTl)
025 (ChTl)
067 (AiCpTw)
070 (AiCpTw)
068 (AiCpTw)
059 (AiCpTe2)
F020 (AiCpTe2)
066 (AiCpTe2)
F024 (AiCpTe2)
F018 (AiCpTe2)
078 (AiCpTe2)
057 (AsPfTl)
093 (AiAaTe)
092 (AiAaTe)
072 (AhAtTa)
095 (AiAaTe)
063 (AhAtTa)
061 (AiCpTe2)
079 (AiCpTe2)
EP66 (AsPfTl)
K28 (AiAaTe)
058 (Ts)
064 (AsPfTl)
065 (AhAtTa)
081 (AsPfTl)
083 (AsPfTl)
082 (AsPfTl)
029 (ChTl)
103r (AiAaTe)
030 (ChTl)
EP67 (AiCpTw)
EP64 (AiCpTw)
F025 (AiCpTw)
K14 (ChTl)
K30 (AiCpTw)
K31 (AiCpTw)
EP02 (AmTe)
EP25 (AbAlTe)
MB019 (AiAaTe)
MB027 (AiAaTe)
MB028 (AiAaTe)
EP65 (AiAaTe)
EP79 (AiAaTe)
EP81 (AiAaTe)
K15 (AiAaTe)
K17 (AtTe2)
K25 (AiAaTe)
K27 (AiCpTw)
K32 (AiAaTe)
K18 (AiCpTe2)
K29 (AiAaTe)
MB022 (AiAaTe)
MB046 (AiAaTe)
MB035 (AiAaTe)
MB026 (AiAaTe)
MB042 (AiAaTe)
MB037 (AiAaTe)
MB038 (AiAaTe)
MB039 (AiAaTe)
MB040 (AiAaTe)
MB045 (AiAaTe)
17.
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003 (EvMlTe)
004 (EvMlTe)
005 (EvMlTe)
024a (EvMlTe)
037 (EvMlTe)
040 (EvMlTe)
017 (EvMlTe)
019 (EvMlTe)
028 (EvMlTe)
023 (EvMlTe)
071 (EcMa)
K26 (EcMa)
AP07 (EcMa)
EP35 (EcMa)
F013 (EcMa)
F014 (EvMa)
K11 (EvMlTe)
F007 (EcMa)
MB007 (EcMa)
F002 (EvMlTe)
K20 (EvMlTe)
K22r (EcMa)
K23 (EcMa)
012 (EcTl)
014 (EcMa)
015 (EcMa)
016 (EcMa)
013 (EcMa)
052 (EcMa)
053 (EcMa)
055 (EcMa)
056 (EcMa)
096 (EcMa)
101 (EcTl)
060 (EcTl)
102 (AtTe)
B2 (AhAtTa)
097 (AtTe)
100 (AtTe)
MB036 (EcTl)
098 (AtTe)
099 (AtTe)
MB041 (EcMa)
MB043 (AtTe)
F019 (AtTe)
MB021 (AtTe)
046 (AiTe2)
049 (ChTl)
047 (ChTl)
048 (ChTl)
050 (ChTl)
069 (ChTl)
085 (EcTl)
090 (EcTl)
088 (EcTl)
089 (AtTe)
EP10 (AtTe)
EP18r (ChTl)
EP21 (ChTl)
EP41r (AhAtTa)
EP12 (AiAwTw)
EP40 (ChTl)
K13 (ChTl)
EP45 (ChTl)
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APPENDIX F – FLORA INVENTORY

FAMILY	TAXON	EPBC code	WA Cons. Code
Acanthaceae	*Rostellularia adscendens* var. *clementii*		
Aizoaceae	*Trianthema pilosum*		
Aizoaceae	**Trianthema portulacastrum*		
Aizoaceae	*Trianthema triquetrum*		
Aizoaceae	*Trianthema turgidifolium*		
Aizoaceae	*Zaleya galericulata* subsp. *galericulata*		
Amaranthaceae	*Achyranthes aspera*		
Amaranthaceae	**Aerva javanica*		
Amaranthaceae	*Alternanthera denticulata*		
Amaranthaceae	*Alternanthera denticulata* var. *denticulata*		
Amaranthaceae	*Alternanthera nana*		
Amaranthaceae	*Amaranthus cuspidifolius*		
Amaranthaceae	*Amaranthus undulatus*		
Amaranthaceae	*Gomphrena canescens*		
Amaranthaceae	*Gomphrena cunninghamii*		
Amaranthaceae	*Gomphrena kanisii*		
Amaranthaceae	*Gomphrena lanata*		
Amaranthaceae	*Gomphrena leptoclada* subsp. *leptoclada*		
Amaranthaceae	*Ptilotus astrolasius*		
Amaranthaceae	*Ptilotus auriculifolius*		
Amaranthaceae	*Ptilotus axillaris*		
Amaranthaceae	*Ptilotus calostachyus*		
Amaranthaceae	*Ptilotus clementii*		
Amaranthaceae	*Ptilotus exaltatus*		
Amaranthaceae	*Ptilotus fusiformis*		
Amaranthaceae	*Ptilotus gomphrenoides*		
Amaranthaceae	*Ptilotus incanus*		
Amaranthaceae	*Ptilotus mollis*		Priority 4
Amaranthaceae	*Ptilotus obovatus*		
Amaranthaceae	*Ptilotus* sp.		
Amaranthaceae	*?Ptilotus* sp.		
Apocynaceae	**Calotropis procera*		
Apocynaceae	*Carissa lanceolata*		
Apocynaceae	*Cynanchum floribundum*		
Apocynaceae	*Cynanchum viminale* subsp. *australe*		
Apocynaceae	*Gymnanthera cunninghamii*		Priority 3
Apocynaceae	*Gymnema erectum*		
Apocynaceae	*Vincetoxicum flexuosum*		
Araliaceae	*Trachymene oleracea*		
Araliaceae	*Trachymene oleracea* subsp. *oleracea*		
Araliaceae	*Trachymene pilbarensis*		
Asteraceae	*Blumea tenella*		
Asteraceae	*Centipeda minima* subsp. *macrocephala*		
Asteraceae	*Chrysocephalum apiculatum* subsp. *pilbarense*		
Asteraceae	*Chrysocephalum* sp.		
Asteraceae	**Flaveria trinervia*		
Asteraceae	*Olearia fluvialis*		
Asteraceae	*Pentalepis trichodesmoides* subsp. *trichodesmoides*		
Asteraceae	*Pluchea dentex*		
Asteraceae	*Pluchea ferdinandi-muelleri*		
Asteraceae	*Pluchea rubelliflora*		
Asteraceae	*?Pluchea rubelliflora*		

FAMILY	TAXON	EPBC code	WA Cons. Code
Asteraceae	*Pluchea tetranthera*		
Asteraceae	*Pterocaulon serrulatum* var. *velutinum*		
Asteraceae	*Pterocaulon sphacelatum*		
Asteraceae	**Sonchus oleraceus*		
Asteraceae	*Streptoglossa ? bubakii*		
Asteraceae	*Streptoglossa decurrens*		
Asteraceae	*Streptoglossa ? decurrens*		
Asteraceae	*Vittadinia dissecta* var. *hirta*		
Bixaceae	*Cochlospermum macnamarae*		Priority 1
Boraginaceae	*Ehretia saligna* var. *saligna*		
Boraginaceae	*Euploca chrysocarpa*		
Boraginaceae	*Euploca ? chrysocarpa*		
Boraginaceae	*Euploca conocarpa*		
Boraginaceae	*Euploca cunninghamii*		
Boraginaceae	*Euploca ? cunninghamii*		
Boraginaceae	*Euploca heterantha*		
Boraginaceae	*Euploca pachyphylla*		
Boraginaceae	*Euploca ? pachyphylla*		
Boraginaceae	*Euploca skeleton*		
Boraginaceae	*Euploca tanythrix*		
Boraginaceae	*Euploca tenuifolia*		
Boraginaceae	*Heliotropium crispatum*		
Boraginaceae	*Heliotropium murinum*		Priority 3
Boraginaceae	*Heliotropium ? murinum*		Priority 3
Boraginaceae	*Heliotropium* sp. 1		
Boraginaceae	*Heliotropium* sp. 2		
Boraginaceae	*Trichodesma zeylanicum*		
Boraginaceae	*Trichodesma zeylanicum* var. *zeylanicum*		
Brassicaceae	*Lepidium pedicellosum*		
Byblidaceae	*Byblis pilbarana*		
Campanulaceae	*Wahlenbergia tumidifructa*		
Capparaceae	*Capparis spinosa* subsp. *nummularia*		
Caryophyllaceae	*Polycarpaea corymbosa* var. *corymbosa*		
Caryophyllaceae	*Polycarpaea holtzei*		
Caryophyllaceae	*Polycarpaea longiflora*		
Celastraceae	*Stackhousia intermedia*		
Celastraceae	*Stackhousia ? intermedia*		
Celastraceae	*Stackhousia muricata*		
Chenopodiaceae	*Dysphania kalpari*		
Chenopodiaceae	*Dysphania plantaginella*		
Chenopodiaceae	*Dysphania rhadinostachya*		
Chenopodiaceae	*Dysphania rhadinostachya* subsp. *inflata*		
Chenopodiaceae	*Dysphania rhadinostachya* subsp. *rhadinostachya*		
Chenopodiaceae	*Dysphania* sp.		
Chenopodiaceae	*? Dysphania* sp.		
Chenopodiaceae	*Dysphania sphaerosperma*		
Chenopodiaceae	*Sclerolaena costata*		
Chenopodiaceae	*Sclerolaena densiflora*		
Chenopodiaceae	*Sclerolaena hostilis*		
Cleomaceae	*Arivela viscosa*		
Combretaceae	*Terminalia circumalata*		
Combretaceae	*Terminalia* sp.		
Combretaceae	*? Terminalia* sp. 1		
Combretaceae	*? Terminalia* sp. 2		

FAMILY	TAXON	EPBC code	WA Cons. Code
Combretaceae	?*Terminalia* sp. 3		
Combretaceae	?*Terminalia* sp. 4		
Commelinaceae	*Commelina ensifolia*		
Convolvulaceae	*Bonamia alatisemina*		
Convolvulaceae	*Bonamia* ?*alatisemina*		
Convolvulaceae	*Bonamia erecta*		
Convolvulaceae	*Bonamia linearis*		
Convolvulaceae	*Bonamia media*		
Convolvulaceae	*Bonamia* ?*media*		
Convolvulaceae	*Bonamia pannosa*		
Convolvulaceae	*Bonamia pilbarensis*		
Convolvulaceae	*Bonamia* ?*pilbarensis*		
Convolvulaceae	*Bonamia* sp. 1		
Convolvulaceae	*Bonamia* sp. 2		
Convolvulaceae	*Evolvulus alsinoides*		
Convolvulaceae	*Evolvulus alsinoides* var. *villosicalyx*		
Convolvulaceae	*Ipomoea coptica*		
Convolvulaceae	*Ipomoea lonchophylla*		
Convolvulaceae	*Ipomoea muelleri*		
Convolvulaceae	*Ipomoea polymorpha*		
Convolvulaceae	*Operculina aequisepala*		
Convolvulaceae	*Polymeria ambigua*		
Convolvulaceae	*Polymeria calycina*		
Convolvulaceae	*Polymeria lanata*		
Convolvulaceae	*Polymeria mollis*		
Convolvulaceae	*Polymeria* ?*mollis*		
Cucurbitaceae	*Austrobryonia pilbarensis*		
Cucurbitaceae	**Citrullus colocynthis*		
Cucurbitaceae	*Cucumis melo*		
Cucurbitaceae	**Cucumis myriocarpus* subsp. *myriocarpus*		
Cucurbitaceae	*Cucumis* sp. Chichester Range (A.A. Mitchell et al. AAM 10691)		
Cucurbitaceae	*Cucumis variabilis*		
Cucurbitaceae	*Trichosanthes cucumerina* var. *cucumerina*		
Cyperaceae	*Bulbostylis barbata*		
Cyperaceae	*Bulbostylis burbidgeae*		Priority 4
Cyperaceae	*Bulbostylis turbinata*		
Cyperaceae	*Cyperus bifax*		
Cyperaceae	*Cyperus bulbosus*		
Cyperaceae	*Cyperus cunninghamii* subsp. *cunninghamii*		
Cyperaceae	*Cyperus dactylotes*		
Cyperaceae	*Cyperus difformis*		
Cyperaceae	*Cyperus hesperius*		
Cyperaceae	*Cyperus ixiocarpus*		
Cyperaceae	*Cyperus microcephalus* subsp. *microcephalus*		
Cyperaceae	*Cyperus* sp. 1		
Cyperaceae	*Cyperus* sp. 2		
Cyperaceae	*Cyperus squarrosus*		
Cyperaceae	*Cyperus vaginatus*		
Cyperaceae	*Fimbristylis dichotoma*		
Cyperaceae	*Fimbristylis elegans*		
Cyperaceae	*Fimbristylis simulans*		
Cyperaceae	*Fimbristylis* sp.		
Cyperaceae	*Fuirena ciliaris*		
Elatinaceae	*Bergia pedicellaris*		

FAMILY	TAXON	EPBC code	WA Cons. Code
Euphorbiaceae	*Adriana tomentosa*		
Euphorbiaceae	*Adriana tomentosa* var. *tomentosa*		
Euphorbiaceae	*Adriana tomentosa* ?var. *tomentosa*		
Euphorbiaceae	*Euphorbia* ? *australis*		
Euphorbiaceae	*Euphorbia australis* var. *subtomentosa*		
Euphorbiaceae	*Euphorbia biconvexa*		
Euphorbiaceae	*Euphorbia boophthona*		
Euphorbiaceae	*Euphorbia careyi*		
Euphorbiaceae	*Euphorbia coghlanii*		
Euphorbiaceae	*Euphorbia inappendiculata* var. *inappendiculata*		Priority 3
Euphorbiaceae	*Euphorbia* sp. 1		
Euphorbiaceae	*Euphorbia* sp. 2		
Euphorbiaceae	*Euphorbia tannensis* subsp. *eremophila*		
Euphorbiaceae	*Euphorbia* ? *tannensis* subsp. *eremophila*		
Euphorbiaceae	*Euphorbia trigonosperma*		
Euphorbiaceae	*Mallotus nesophilus*		
Fabaceae	*Acacia acradenia*		
Fabaceae	*Acacia adoxa* var. *adoxa*		
Fabaceae	*Acacia adsurgens*		
Fabaceae	*Acacia ampliceps*		
Fabaceae	*Acacia ampliceps x sclerosperma* subsp. *sclerosperma*		
Fabaceae	*Acacia ancistrocarpa*		
Fabaceae	*Acacia aptaneura*		
Fabaceae	*Acacia arida*		
Fabaceae	*Acacia bivenosa*		
Fabaceae	*Acacia* ? *bivenosa*		
Fabaceae	*Acacia colei*		
Fabaceae	*Acacia colei* var. *colei*		
Fabaceae	*Acacia colei* ?var. *colei*		
Fabaceae	*Acacia coriacea* subsp. *pendens*		
Fabaceae	*Acacia elachantha*		
Fabaceae	*Acacia eriopoda*		
Fabaceae	*Acacia eriopoda x trachycarpa*		
Fabaceae	*Acacia hilliana*		
Fabaceae	*Acacia holosericea*		
Fabaceae	*Acacia inaequilatera*		
Fabaceae	*Acacia levata*		Priority 3
Fabaceae	*Acacia maitlandii*		
Fabaceae	*Acacia monticola*		
Fabaceae	*Acacia orthocarpa*		
Fabaceae	*Acacia pruinocarpa*		
Fabaceae	*Acacia ptychophylla*		
Fabaceae	*Acacia pyrifolia*		
Fabaceae	*Acacia pyrifolia* var. *morrisonii*		
Fabaceae	*Acacia pyrifolia* var. *pyrifolia*		
Fabaceae	*Acacia retivenea* subsp. *clandestina*		
Fabaceae	*Acacia sericophylla*		
Fabaceae	*Acacia sibirica*		
Fabaceae	*Acacia* sp. 1		
Fabaceae	*Acacia* sp. 2		
Fabaceae	*Acacia* sp. 3		
Fabaceae	*Acacia* sp. 4		
Fabaceae	*Acacia* sp. 5		
Fabaceae	*Acacia* sp. 6		

FAMILY	TAXON	EPBC code	WA Cons. Code
Fabaceae	*Acacia* sp. 7		
Fabaceae	*Acacia* sp. 8		
Fabaceae	*Acacia* sp. 9		
Fabaceae	*Acacia sphaerostachya*		
Fabaceae	*Acacia spondylophylla*		
Fabaceae	*Acacia stellaticeps*		
Fabaceae	*Acacia synchronicia*		
Fabaceae	*Acacia trachycarpa*		
Fabaceae	*Acacia trachycarpa x tumida* var. *pilbarensis*		
Fabaceae	*Acacia tumida* var. *pilbarensis*		
Fabaceae	*Acacia victoriae* subsp. *victoriae*		
Fabaceae	*Alysicarpus muelleri*		
Fabaceae	*Cajanus cinereus*		
Fabaceae	*Cajanus* ?*cinereus*		
Fabaceae	*Cajanus pubescens*		
Fabaceae	*Cajanus* sp. 1		
Fabaceae	*Cajanus* sp. 2		
Fabaceae	*Cajanus* sp. 3		
Fabaceae	*Crotalaria cunninghamii* subsp. *sturtii*		
Fabaceae	*Crotalaria* ?*cunninghamii* subsp. *sturtii*		
Fabaceae	*Crotalaria medicaginea* var. *neglecta*		
Fabaceae	*Crotalaria novae-hollandiae* subsp. *novae-hollandiae*		
Fabaceae	*Cullen lachnostachys*		
Fabaceae	*Cullen leucanthum*		
Fabaceae	*Cullen leucochaites*		
Fabaceae	*Cullen martinii*		
Fabaceae	*Cullen pallidum*		
Fabaceae	*Cullen pogonocarpum*		
Fabaceae	*Cullen pustulatum*		
Fabaceae	*Cullen* ?*pustulatum*		
Fabaceae	*Cullen* sp. 1		
Fabaceae	*Cullen* sp. 2		
Fabaceae	*Cullen stipulaceum*		
Fabaceae	*Dichrostachys spicata*		
Fabaceae	*Erythrina vespertilio*		
Fabaceae	*Glycine canescens*		
Fabaceae	*Grona filiformis*		
Fabaceae	*Indigastrum parviflorum*		
Fabaceae	*Indigofera colutea*		
Fabaceae	*Indigofera deserticola*		
Fabaceae	*Indigofera hirsuta*		
Fabaceae	*Indigofera linifolia*		
Fabaceae	*Indigofera linnaei*		
Fabaceae	*Indigofera monophylla*		
Fabaceae	*Indigofera rugosa*		
Fabaceae	**Indigofera sessiliflora*		
Fabaceae	*Indigofera* sp. 1		
Fabaceae	*Indigofera* sp. 2		
Fabaceae	*Indigofera* sp. 3		
Fabaceae	*Indigofera trita*		
Fabaceae	*Indigofera trita* subsp. *trita*		
Fabaceae	*Indigofera trita* ?subsp. *trita*		
Fabaceae	*Isotropis atropurpurea*		
Fabaceae	*Neptunia* sp.		

FAMILY	TAXON	EPBC code	WA Cons. Code
Fabaceae	*Petalostylis labicheoides*		
Fabaceae	*Rhynchosia australis*		
Fabaceae	*Rhynchosia minima*		
Fabaceae	*Rhynchosia* sp. 1		
Fabaceae	*Rhynchosia* sp. 2		
Fabaceae	*Rhynchosia* sp. 3		
Fabaceae	*Rhynchosia* sp. 4		
Fabaceae	*Rhynchosia* sp. 5		
Fabaceae	*Rhynchosia* sp. 6		
Fabaceae	*Senna artemisioides* subsp. *helmsii*		
Fabaceae	*Senna artemisioides* subsp. *helmsii x oligophylla*		
Fabaceae	*Senna artemisioides* subsp. *oligophylla*		
Fabaceae	*Senna ferraria*		
Fabaceae	*Senna glaucifolia*		
Fabaceae	*Senna glutinosa*		
Fabaceae	*Senna* ? *glutinosa*		
Fabaceae	*Senna glutinosa* subsp. *glutinosa*		
Fabaceae	*Senna glutinosa* subsp. *pruinosa*		
Fabaceae	*Senna glutinosa* subsp. *x luerssenii*		
Fabaceae	*Senna notabilis*		
Fabaceae	*Senna symonii*		
Fabaceae	*Senna venusta*		
Fabaceae	*Sesbania cannabina*		
Fabaceae	*Sesbania formosa*		
Fabaceae	*Swainsona decurrens*		
Fabaceae	*Swainsona formosa*		
Fabaceae	*Swainsona* ? *formosa*		
Fabaceae	*Swainsona* sp. 1		
Fabaceae	*Swainsona* sp. 2		
Fabaceae	*Swainsona stenodonta*		
Fabaceae	*Templetonia hookeri*		
Fabaceae	*Tephrosia clementii*		
Fabaceae	*Tephrosia densa*		
Fabaceae	*Tephrosia leptoclada*		
Fabaceae	*Tephrosia rosea*		
Fabaceae	*Tephrosia rosea* var. *clementii*		
Fabaceae	*Tephrosia rosea* ?var. *clementii*		
Fabaceae	? *Tephrosia* sp.		
Fabaceae	*Tephrosia* sp. 1		
Fabaceae	*Tephrosia* sp. 2		
Fabaceae	*Tephrosia* sp. B Kimberley Flora (C.A. Gardner 7300)		
Fabaceae	*Tephrosia* sp. Bungaroo Creek (M.E. Trudgen 11601)		
Fabaceae	*Tephrosia* sp. clay soils (S. van Leeuwen et al. PBS 0273)		
Fabaceae	*Tephrosia* sp. D Kimberley Flora (R.D. Royce 1848)		
Fabaceae	*Tephrosia* sp. Newman (A.A. Mitchell PRP 29)		
Fabaceae	*Tephrosia* sp. NW Eremaean (S. van Leeuwen et al. PBS 0356)		
Fabaceae	*Tephrosia supina*		
Fabaceae	*Tephrosia* ? *supina*		
Fabaceae	*Tephrosia virens*		
Fabaceae	*Tephrosia* ? *virens*		
Fabaceae	* *Vachellia farnesiana* var. *farnesiana*		
Fabaceae	*Vigna lanceolata* var. *lanceolata*		
Fabaceae	*Vigna* sp. Hamersley Clay (A.A. Mitchell PRP 113)		
Fabaceae	*Zornia albiflora*		

FAMILY	TAXON	EPBC code	WA Cons. Code
Goodeniaceae	*Dampiera candicans*		
Goodeniaceae	*Dampiera* sp.		
Goodeniaceae	*Goodenia armitiana*		
Goodeniaceae	*Goodenia cusackiana*		
Goodeniaceae	*Goodenia* ? *cusackiana*		
Goodeniaceae	*Goodenia lamprosperma*		
Goodeniaceae	*Goodenia microptera*		
Goodeniaceae	*Goodenia muelleriana*		
Goodeniaceae	*Goodenia* ? *muelleriana*		
Goodeniaceae	*Goodenia nuda*		
Goodeniaceae	*Goodenia scaevolina*		
Goodeniaceae	*Goodenia* sp. 1		
Goodeniaceae	*Goodenia* sp. 2		
Goodeniaceae	*Goodenia stobbsiana*		
Goodeniaceae	*Goodeniaceae* sp.		
Goodeniaceae	*Scaevola amblyanthera* var. *centralis*		
Goodeniaceae	*Scaevola* ? *amblyanthera* var. *centralis*		
Goodeniaceae	*Scaevola browniana* subsp. *browniana*		
Goodeniaceae	*Scaevola parvifolia*		
Goodeniaceae	*Scaevola* sp.		
Gyrostemonaceae	*Codonocarpus cotinifolius*		
Haloragaceae	*Gonocarpus ephemerus*		
Haloragaceae	*Haloragis* ? *gossei*		
Haloragaceae	*Haloragis gossei* var. *gossei*		
Haloragaceae	*Haloragis gossei* ?var. *gossei*		
Haloragaceae	*Haloragis* sp. 1		
Haloragaceae	*Haloragis* sp. 2		
Lamiaceae	*Basilicum polystachyon*		
Lamiaceae	*Clerodendrum floribundum* var. *angustifolium*		
Lamiaceae	*Clerodendrum floribundum* var. ? *angustifolium*		
Lamiaceae	*Clerodendrum tomentosum* var. *lanceolatum*		
Lamiaceae	*Clerodendrum tomentosum* var. *tomentosum*		
Lamiaceae	*Quoya zonalis*	Endangered	Endangered
Lauraceae	*Cassytha capillaris*		
Lauraceae	*Cassytha filiformis*		
Lauraceae	*Cassytha* sp. 1		
Lauraceae	*Cassytha* sp. 2		
Lauraceae	*Cassytha* sp. 3		
Loganiaceae	*Mitrasacme connata*		
Loranthaceae	*Lysiana casuarinae*		
Lythraceae	*Ammannia baccifera*		
Lythraceae	*Ammannia multiflora*		
Lythraceae	*Ammannia* sp. 1		
Lythraceae	*Ammannia* sp. 2		
Lythraceae	*Ammannia* sp. 3		
Lythraceae	*Ammannia* sp. 4		
Malvaceae	*Abutilon fraseri* subsp. *fraseri*		
Malvaceae	*Abutilon lepidum*		
Malvaceae	*Abutilon* ? *leucopetalum*		
Malvaceae	*Abutilon macrum*		
Malvaceae	*Abutilon* sp. 1		
Malvaceae	*Abutilon* sp. 2		
Malvaceae	*Abutilon* sp. 3		
Malvaceae	*Abutilon* sp. Dioicum (A.A. Mitchell PRP 1618)		

FAMILY	TAXON	EPBC code	WA Cons. Code
Malvaceae	*Abutilon* sp. Pilbara (W.R. Barker 2025)		
Malvaceae	*Brachychiton acuminatus*		
Malvaceae	*Corchorus incanus*		
Malvaceae	*Corchorus* ? *incanus*		
Malvaceae	*Corchorus incanus* subsp. *incanus*		
Malvaceae	*Corchorus* ? *incanus* subsp. *incanus*		
Malvaceae	*Corchorus laniflorus*		
Malvaceae	*Corchorus lasiocarpus* subsp. *lasiocarpus*		
Malvaceae	*Corchorus parviflorus*		
Malvaceae	*Corchorus* ? *parviflorus*		
Malvaceae	*Corchorus* sp. 1		
Malvaceae	*Corchorus* sp. 2		
Malvaceae	*Corchorus tridens*		
Malvaceae	*Corchorus trilocularis*		
Malvaceae	*Corchorus walcottii*		
Malvaceae	*Gossypium australe*		
Malvaceae	*Gossypium robinsonii*		
Malvaceae	*Hibiscus austrinus* var. *austrinus*		
Malvaceae	*Hibiscus brachychlaenus*		
Malvaceae	*Hibiscus burtonii*		
Malvaceae	*Hibiscus coatesii*		
Malvaceae	*Hibiscus goldsworthii*		
Malvaceae	*Hibiscus leptocladus*		
Malvaceae	*Hibiscus sturtii*		
Malvaceae	*Hibiscus* ? *sturtii*		
Malvaceae	? *Hibiscus sturtii*		
Malvaceae	*Hibiscus sturtii* var. *campylochlamys*		
Malvaceae	*Hibiscus sturtii* var. *platychlamys*		
Malvaceae	MALVACEAE sp. 1		
Malvaceae	MALVACEAE sp. 2		
Malvaceae	MALVACEAE sp. 3		
Malvaceae	* *Malvastrum americanum*		
Malvaceae	*Melhania oblongifolia*		
Malvaceae	*Seringia nephrosperma*		
Malvaceae	*Sida arenicola*		
Malvaceae	*Sida arsiniata*		
Malvaceae	*Sida cardiophylla*		
Malvaceae	*Sida clementii*		
Malvaceae	*Sida echinocarpa*		
Malvaceae	*Sida* ? *echinocarpa*		
Malvaceae	*Sida fibulifera*		
Malvaceae	*Sida* ? *fibulifera*		
Malvaceae	*Sida macropoda*		
Malvaceae	*Sida* ? *macropoda*		
Malvaceae	*Sida platycalyx*		
Malvaceae	*Sida rohlenae* subsp. *rohlenae*		
Malvaceae	*Sida* sp. 1		
Malvaceae	*Sida* sp. 2		
Malvaceae	*Sida* sp. 3		
Malvaceae	*Sida* sp. articulation below (A.A. Mitchell PRP 1605)		
Malvaceae	*Sida* sp. Excedentifolia (J.L. Egan 1925)		
Malvaceae	*Sida* sp. Pilbara (A.A. Mitchell PRP 1543)		
Malvaceae	*Sida* sp. spiciform panicles (E. Leyland s.n. 14/8/90)		
Malvaceae	*Sida spinosa*		

FAMILY	TAXON	EPBC code	WA Cons. Code
Malvaceae	*Triumfetta appendiculata*		
Malvaceae	*Triumfetta* ? *appendiculata*		
Malvaceae	*Triumfetta chaetocarpa*		
Malvaceae	*Triumfetta clementii*		
Malvaceae	*Triumfetta johnstonii*		
Malvaceae	*Triumfetta leptacantha*		
Malvaceae	*Triumfetta maconochieana*		
Malvaceae	*Triumfetta propinqua*		
Malvaceae	*Triumfetta ramosa*		
Malvaceae	*Triumfetta* sp. 1		
Malvaceae	*Triumfetta* sp. 2		
Malvaceae	*Waltheria indica*		
Malvaceae	*Waltheria virgata*		
Marsileaceae	*Marsilea exarata*		
Marsileaceae	*Marsilea hirsuta*		
Marsileaceae	*Marsilea* sp. 1		
Marsileaceae	*Marsilea* sp. 2		
Menispermaceae	*Tinospora smilacina*		
Molluginaceae	*Hypertelis cerviana*		
Molluginaceae	*Trigastrotheca molluginea*		
Montiaceae	*Calandrinia ptychosperma*		
Montiaceae	*Calandrinia* ? *pumila*		
Montiaceae	*Calandrinia* ? *stagnensis*		
Montiaceae	*Calandrinia tepperiana*		
Moraceae	*Ficus aculeata* var. *indecora*		
Moraceae	*Ficus brachypoda*		
Myrtaceae	*Corymbia candida* subsp. *candida*		
Myrtaceae	*Corymbia* ? *candida* subsp. *candida*		
Myrtaceae	*Corymbia flavescens*		
Myrtaceae	*Corymbia hamersleyana*		
Myrtaceae	*Corymbia* ? *hamersleyana*		
Myrtaceae	? *Corymbia hamersleyana*		
Myrtaceae	? *Corymbia* sp.		
Myrtaceae	*Corymbia* sp. 1		
Myrtaceae	*Corymbia* sp. 2		
Myrtaceae	*Corymbia* sp. 3		
Myrtaceae	*Eucalyptus camaldulensis*		
Myrtaceae	*Eucalyptus* ? *camaldulensis*		
Myrtaceae	*Eucalyptus camaldulensis* subsp. *refulgens*		
Myrtaceae	*Eucalyptus camaldulensis* ?subsp. *refulgens*		
Myrtaceae	*Eucalyptus leucophloia*		
Myrtaceae	*Eucalyptus leucophloia* subsp. *leucophloia*		
Myrtaceae	*Eucalyptus* ? *leucophloia* subsp. *leucophloia*		
Myrtaceae	*Eucalyptus* sp. 1		
Myrtaceae	*Eucalyptus* sp. 2		
Myrtaceae	*Eucalyptus victrix*		
Myrtaceae	*Melaleuca argentea*		
Myrtaceae	*Melaleuca bracteata*		
Myrtaceae	*Melaleuca glomerata*		
Myrtaceae	*Melaleuca* ? *glomerata*		
Myrtaceae	*Melaleuca linophylla*		
Myrtaceae	*Melaleuca* ? *linophylla*		
Nyctaginaceae	*Boerhavia burbidgeana*		
Nyctaginaceae	*Boerhavia coccinea*		

FAMILY	TAXON	EPBC code	WA Cons. Code
Nyctaginaceae	*Boerhavia* ? *coccinea*		
Nyctaginaceae	*Boerhavia gardneri*		
Nyctaginaceae	*Boerhavia* sp.		
Oleaceae	*Jasminum didymum* subsp. *lineare*		
Onagraceae	*Ludwigia perennis*		
Papaveraceae	**Argemone ochroleuca* subsp. *ochroleuca*		
Pedaliaceae	*Josephinia eugeniae*		
Pedaliaceae	*Josephinia* sp. Mt Edgar Station (N.T. Burbidge 1194)		
Phyllanthaceae	*Cathetus* sp.		
Phyllanthaceae	*Cathetus virgatus*		
Phyllanthaceae	*Flueggea virosa* subsp. *melanthesoides*		
Phyllanthaceae	*Kirganelia baccata*		
Phyllanthaceae	*Nellica maderaspatensis*		
Phyllanthaceae	*Notoleptopus decaisnei*		
Phyllanthaceae	*Phyllanthus hebecarpus*		Priority 3
Pittosporaceae	*Pittosporum angustifolium*		
Plantaginaceae	*Stemodia grossa*		
Plantaginaceae	*Stemodia kingii*		
Plantaginaceae	*Stemodia viscosa*		
Poaceae	*Aristida burbidgeae*		
Poaceae	*Aristida contorta*		
Poaceae	?*Aristida contorta*		
Poaceae	*Aristida holathera* var. *holathera*		
Poaceae	*Aristida inaequiglumis*		
Poaceae	**Cenchrus ciliaris*		
Poaceae	**Cenchrus setiger*		
Poaceae	*Cenchrus* sp.		
Poaceae	**Chloris barbata*		
Poaceae	*Chloris pumilio*		
Poaceae	**Chloris virgata*		
Poaceae	*Chrysopogon fallax*		
Poaceae	*Cymbopogon ambiguus*		
Poaceae	*Cymbopogon obtectus*		
Poaceae	*Cymbopogon procerus*		
Poaceae	*Cynodon convergens*		
Poaceae	**Cynodon dactylon*		
Poaceae	*Cynodon prostratus*		
Poaceae	*Dactyloctenium radulans*		
Poaceae	*Dichanthium fecundum*		
Poaceae	*Dichanthium sericeum* subsp. *humilius*		
Poaceae	*Digitaria brownii*		
Poaceae	*Digitaria ctenantha*		
Poaceae	*Diplachne fusca* subsp. *fusca*		
Poaceae	**Echinochloa colona*		
Poaceae	*Enneapogon caerulescens*		
Poaceae	*Enneapogon* ? *caerulescens*		
Poaceae	*Enneapogon lindleyanus*		
Poaceae	*Enneapogon polyphyllus*		
Poaceae	*Enneapogon* sp.		
Poaceae	*Eragrostis crateriformis*		Priority 3
Poaceae	*Eragrostis cumingii*		
Poaceae	*Eragrostis desertorum*		
Poaceae	*Eragrostis dielsii*		
Poaceae	*Eragrostis eriopoda*		

FAMILY	TAXON	EPBC code	WA Cons. Code
Poaceae	*Eragrostis exigua*		
Poaceae	**Eragrostis minor*		
Poaceae	*Eragrostis olida*		
Poaceae	*Eragrostis* sp. 1		
Poaceae	*Eragrostis* sp. 2		
Poaceae	*Eragrostis tenellula*		
Poaceae	*Eragrostis ? tenellula*		
Poaceae	*Eriachne aristidea*		
Poaceae	*Eriachne benthamii*		
Poaceae	*Eriachne ciliata*		
Poaceae	*Eriachne flaccida*		
Poaceae	*Eriachne helmsii*		
Poaceae	*Eriachne melicacea*		
Poaceae	*Eriachne mucronata*		
Poaceae	*Eriachne obtusa*		
Poaceae	*Eriachne pulchella*		
Poaceae	*Eriachne pulchella* subsp. *dominii*		
Poaceae	*Eriachne pulchella* subsp. *pulchella*		
Poaceae	*Eriachne* sp. 1		
Poaceae	*Eriachne* sp. 2		
Poaceae	*Eriachne* sp. 3		
Poaceae	*Eriachne* sp. 4		
Poaceae	*Eriachne* sp. Dugald River (B.K. Simon+ 3007)		
Poaceae	*Eriachne tenuiculmis*		
Poaceae	*Eulalia aurea*		
Poaceae	*Iseilema dolichotrichum*		
Poaceae	*Iseilema membranaceum*		
Poaceae	*Panicum australiense*		
Poaceae	*Panicum australiense* var. *australiense*		
Poaceae	*Paraneurachne muelleri*		
Poaceae	*Paspalidium basicladum*		
Poaceae	*Paspalidium clementii*		
Poaceae	*Paspalidium jubiflorum*		
Poaceae	*Paspalidium rarum*		
Poaceae	*Perotis rara*		
Poaceae	POACEAE sp. 1		
Poaceae	POACEAE sp. 2		
Poaceae	POACEAE sp. 3		
Poaceae	*Schizachyrium fragile*		
Poaceae	**Setaria verticillata*		
Poaceae	*Sporobolus actinocladus*		
Poaceae	*Sporobolus australasicus*		
Poaceae	*Sporobolus ramigerus*		
Poaceae	*Themeda triandra*		
Poaceae	*Themeda ? triandra*		
Poaceae	*Triodia angusta*		
Poaceae	*Triodia ? angusta*		
Poaceae	*Triodia brizoides*		
Poaceae	*Triodia ? brizoides*		
Poaceae	*Triodia epactia*		
Poaceae	*Triodia ? epactia*		
Poaceae	*Triodia lanigera*		
Poaceae	*Triodia longiceps*		
Poaceae	*Triodia secunda*		

FAMILY	TAXON	EPBC code	WA Cons. Code
Poaceae	*Triodia wiseana*		
Poaceae	*Triodia ? wiseana*		
Poaceae	*Tripogonella loliiformis*		
Poaceae	*Whiteochloa cymbiformis*		
Polygalaceae	*Polygala glaucifolia*		
Polygalaceae	*Polygala isingii*		
Polygalaceae	*Polygala* sp.		
Portulacaceae	*Portulaca filifolia*		
Portulacaceae	*Portulaca oleracea*		
Potamogetonaceae	*Potamogeton tepperi*		
Proteaceae	*Grevillea pyramidalis* subsp. *leucadendron*		
Proteaceae	*Grevillea wickhamii*		
Proteaceae	*Grevillea wickhamii* subsp. *aprica*		
Proteaceae	*Grevillea wickhamii* subsp. *hispidula*		
Proteaceae	*Hakea lorea* subsp. *lorea*		
Pteridaceae	*Cheilanthes sieberi* subsp. *Sieberi*		
Pteridaceae	*Cheilanthes* sp.		
Rubiaceae	*Dolichocarpa crouchiana*		
Rubiaceae	*Synaptantha tillaeacea* var. *tillaeacea*		
Sapindaceae	*Atalaya hemiglauca*		
Sapindaceae	*Dodonaea coriacea*		
Scrophulariaceae	*Eremophila latrobei* subsp. *glabra*		
Scrophulariaceae	*Eremophila latrobei* ?subsp. *glabra*		
Scrophulariaceae	*Eremophila latrobei* subsp. *latrobei*		
Scrophulariaceae	*Eremophila longifolia*		
Solanaceae	*Nicotiana benthamiana*		
Solanaceae	*Nicotiana bilybara*		
Solanaceae	*Nicotiana occidentalis*		
Solanaceae	**Physalis angulata*		
Solanaceae	*Solanum ? centrale*		
Solanaceae	*Solanum cleistogamum*		
Solanaceae	*Solanum diversiflorum*		
Solanaceae	*Solanum gabrielae*		
Solanaceae	*Solanum horridum*		
Solanaceae	*Solanum lasiophyllum*		
Solanaceae	*Solanum lucani*		
Solanaceae	**Solanum nigrum*		
Solanaceae	*Solanum phlomoides*		
Solanaceae	*Solanum ? phlomoides*		
Solanaceae	*Solanum* sp.		
Stylidiaceae	*Stylidium desertorum*		
Typhaceae	*Typha domingensis*		
Violaceae	*Afrohybanthus aurantiacus*		
Violaceae	*Afrohybanthus ? aurantiacus*		
Violaceae	*?Afrohybanthus* sp.		
Zygophyllaceae	*Tribulus hirsutus*		
Zygophyllaceae	*Tribulus occidentalis*		
Zygophyllaceae	*Tribulus platypterus*		
Zygophyllaceae	*Tribulus ? platypterus*		
Zygophyllaceae	*Tribulus suberosus*		

APPENDIX G – FLORA SPECIES BY SITE

Sites 001-024A

Family	Taxa	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024A
Acanthaceae	*Rostellularia adscendens* var. *clementii*																							+	
Aizoaceae	*Trianthema pilosum*																								
Aizoaceae	* *Trianthema portulacastrum*																							+	
Aizoaceae	*Trianthema triquetrum*																								
Aizoaceae	*Trianthema turgidifolium*																								
Aizoaceae	*Zaleya galericulata* subsp. *galericulata*																								
Amaranthaceae	*Achyranthes aspera*																								
Amaranthaceae	* *Aerva javanica*														+	+	+	+		+					
Amaranthaceae	*Alternanthera denticulata*																								
Amaranthaceae	*Alternanthera denticulata* var. *denticulata*																								
Amaranthaceae	*Alternanthera nana*																								
Amaranthaceae	*Amaranthus cuspidifolius*																								
Amaranthaceae	*Amaranthus undulatus*													+		+									
Amaranthaceae	*Gomphrena canescens*																								
Amaranthaceae	*Gomphrena cunninghamii*							+													+				
Amaranthaceae	*Gomphrena kanisii*																								
Amaranthaceae	*Gomphrena lanata*																								
Amaranthaceae	*Gomphrena leptoclada* subsp. *leptoclada*																								
Amaranthaceae	*Ptilotus astrolasius*					+																			
Amaranthaceae	*Ptilotus auriculifolius*																								
Amaranthaceae	*Ptilotus axillaris*																								
Amaranthaceae	*Ptilotus calostachyus*	+									+										+				
Amaranthaceae	*Ptilotus clementii*																								
Amaranthaceae	*Ptilotus exaltatus*																								
Amaranthaceae	*Ptilotus fusiformis*																								
Amaranthaceae	*Ptilotus gomphrenoides*																								
Amaranthaceae	*Ptilotus incanus*																								
Amaranthaceae	*Ptilotus mollis* **(P4)**											+													
Amaranthaceae	*Ptilotus obovatus*																						+		
Amaranthaceae	*Ptilotus* sp.																								
Amaranthaceae	? *Ptilotus* sp.			+																					
Apocynaceae	* *Calotropis procera*														+	+									
Apocynaceae	*Carissa lanceolata*																+								
Apocynaceae	*Cynanchum floribundum*																								
Apocynaceae	*Cynanchum viminale* subsp. *australe*																								

Family	Taxa	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024A
Apocynaceae	*Gymnanthera cunninghamii* **(P3)**																								
Apocynaceae	*Gymnema erectum*																								
Apocynaceae	*Vincetoxicum flexuosum*							+																	
Araliaceae	*Trachymene oleracea*																								
Araliaceae	*Trachymene oleracea* subsp. *oleracea*																								
Araliaceae	*Trachymene pilbarensis*																								
Asteraceae	*Blumea tenella*																								
Asteraceae	*Centipeda minima* subsp. *macrocephala*																								
Asteraceae	*Chrysocephalum apiculatum* subsp. *pilbarense*																								
Asteraceae	*Chrysocephalum* sp.																								
Asteraceae	**Flaveria trinervia*																								
Asteraceae	*Olearia fluvialis*																								
Asteraceae	*Pentalepis trichodesmoides* subsp. *trichodesmoides*										+														
Asteraceae	*Pluchea dentex*					+																			
Asteraceae	*Pluchea ferdinandi-muelleri*																								
Asteraceae	*Pluchea rubelliflora*																	+						+	
Asteraceae	*?Pluchea rubelliflora*																								
Asteraceae	*Pluchea tetranthera*			+									+	+											
Asteraceae	*Pterocaulon serrulatum* var. *velutinum*																								
Asteraceae	*Pterocaulon sphacelatum*																	+							
Asteraceae	**Sonchus oleraceus*																								
Asteraceae	*Streptoglossa ?bubakii*																								
Asteraceae	*Streptoglossa decurrens*																								
Asteraceae	*Streptoglossa ?decurrens*																								
Asteraceae	*Vittadinia dissecta* var. *hirta*				+																				
Bixaceae	*Cochlospermum macnamarae* **(P1)**								+																
Boraginaceae	*Ehretia saligna* var. *saligna*														+						+				
Boraginaceae	*Euploca chrysocarpa*																								
Boraginaceae	*Euploca ?chrysocarpa*																						+		
Boraginaceae	*Euploca conocarpa*																								
Boraginaceae	*Euploca cunninghamii*														+	+									
Boraginaceae	*Euploca ?cunninghamii*																								
Boraginaceae	*Euploca heterantha*																								
Boraginaceae	*Euploca pachyphylla*					+																			
Boraginaceae	*Euploca ?pachyphylla*																								
Boraginaceae	*Euploca skeleton*																								
Boraginaceae	*Euploca tanythrix*																			+					
Boraginaceae	*Euploca tenuifolia*																								
Boraginaceae	*Heliotropium crispatum*																								

Family	Taxa	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024A
Boraginaceae	*Heliotropium murinum* **(P3)**																								
Boraginaceae	*Heliotropium ?murinum* **(P3)**																								
Boraginaceae	*Heliotropium* sp. 1																								
Boraginaceae	*Heliotropium* sp. 2																								
Boraginaceae	*Trichodesma zeylanicum*											+													
Boraginaceae	*Trichodesma zeylanicum* var. *zeylanicum*																								
Brassicaceae	*Lepidium pedicellosum*																								
Byblidaceae	*Byblis pilbarana*																								
Campanulaceae	*Wahlenbergia tumidifructa*																								
Capparaceae	*Capparis spinosa* subsp. *nummularia*																+								
Caryophyllaceae	*Polycarpaea corymbosa* var. *corymbosa*											+													
Caryophyllaceae	*Polycarpaea holtzei*																								
Caryophyllaceae	*Polycarpaea longiflora*																				+				
Celastraceae	*Stackhousia intermedia*																								
Celastraceae	*Stackhousia ?intermedia*																								
Celastraceae	*Stackhousia muricata*																								
Chenopodiaceae	*Dysphania kalpari*																								
Chenopodiaceae	*Dysphania plantaginella*																								
Chenopodiaceae	*Dysphania rhadinostachya*																								
Chenopodiaceae	*Dysphania rhadinostachya* subsp. *inflata*																								
Chenopodiaceae	*Dysphania rhadinostachya* subsp. *rhadinostachya*																								
Chenopodiaceae	*Dysphania* sp.													+											
Chenopodiaceae	*?Dysphania* sp.																								
Chenopodiaceae	*Dysphania sphaerosperma*																								
Chenopodiaceae	*Sclerolaena costata*																								
Chenopodiaceae	*Sclerolaena densiflora*																								
Chenopodiaceae	*Sclerolaena hostilis*																								
Cleomaceae	*Arivela viscosa*			+	+	+							+	+	+	+		+	+					+	
Combretaceae	*Terminalia circumalata*							+				+									+				
Combretaceae	*Terminalia* sp.																								
Combretaceae	*?Terminalia* sp. 1							+																	
Combretaceae	*?Terminalia* sp. 2											+													
Combretaceae	*?Terminalia* sp. 3																				+				
Combretaceae	*?Terminalia* sp. 4																								
Commelinaceae	*Commelina ensifolia*																								
Convolvulaceae	*Bonamia alatisemina*																								
Convolvulaceae	*Bonamia ?alatisemina*																								
Convolvulaceae	*Bonamia erecta*	+	+			+	+																		
Convolvulaceae	*Bonamia linearis*					+																			+
Convolvulaceae	*Bonamia media*																								

Family	Taxa	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024A
Convolvulaceae	*Bonamia ? media*																								
Convolvulaceae	*Bonamia pannosa*															+	+						+		
Convolvulaceae	*Bonamia pilbarensis*		+						+	+												+			
Convolvulaceae	*Bonamia ? pilbarensis*										+														
Convolvulaceae	*Bonamia* sp. 1																								
Convolvulaceae	*Bonamia* sp. 2																								
Convolvulaceae	*Evolvulus alsinoides*																								
Convolvulaceae	*Evolvulus alsinoides* var. *villosicalyx*																						+		
Convolvulaceae	*Ipomoea coptica*																							+	
Convolvulaceae	*Ipomoea lonchophylla*														+										
Convolvulaceae	*Ipomoea muelleri*														+										
Convolvulaceae	*Ipomoea polymorpha*																								
Convolvulaceae	*Operculina aequisepala*																								
Convolvulaceae	*Polymeria ambigua*					+														+					+
Convolvulaceae	*Polymeria calycina*																								
Convolvulaceae	*Polymeria lanata*																								
Convolvulaceae	*Polymeria mollis*												+					+		+					
Convolvulaceae	*Polymeria ? mollis*																								
Cucurbitaceae	*Austrobryonia pilbarensis*																								
Cucurbitaceae	** Citrullus colocynthis*													+											
Cucurbitaceae	*Cucumis melo*																								
Cucurbitaceae	** Cucumis myriocarpus* subsp. *myriocarpus*																								
Cucurbitaceae	*Cucumis* sp. Chichester Range (A.A. Mitchell et al. AAM 10691)																								
Cucurbitaceae	*Cucumis variabilis*												+	+				+			+				
Cucurbitaceae	*Trichosanthes cucumerina* var. *cucumerina*																								
Cyperaceae	*Bulbostylis barbata*															+									
Cyperaceae	*Bulbostylis burbidgeae* **(P4)**																								
Cyperaceae	*Bulbostylis turbinata*																								
Cyperaceae	*Cyperus bifax*									+		+	+				+								
Cyperaceae	*Cyperus bulbosus*																								
Cyperaceae	*Cyperus cunninghamii* subsp. *cunninghamii*													+	+										
Cyperaceae	*Cyperus dactylotes*																								
Cyperaceae	*Cyperus difformis*																								
Cyperaceae	*Cyperus hesperius*																								
Cyperaceae	*Cyperus ixiocarpus*																								
Cyperaceae	*Cyperus microcephalus* subsp. *microcephalus*																								
Cyperaceae	*Cyperus* sp. 1																	+		+				+	
Cyperaceae	*Cyperus* sp. 2																								
Cyperaceae	*Cyperus squarrosus*													+											

Family	Taxa	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024A
Cyperaceae	*Cyperus vaginatus*			+	+																				
Cyperaceae	*Fimbristylis dichotoma*								+													+			
Cyperaceae	*Fimbristylis elegans*													+											
Cyperaceae	*Fimbristylis simulans*																								
Cyperaceae	*Fimbristylis* sp.																								
Cyperaceae	*Fuirena ciliaris*																								
Elatinaceae	*Bergia pedicellaris*																								
Euphorbiaceae	*Adriana tomentosa*																								
Euphorbiaceae	*Adriana tomentosa* var. *tomentosa*																								
Euphorbiaceae	*Adriana tomentosa* ?var. *tomentosa*																	+							
Euphorbiaceae	*Euphorbia* ?*australis*																								
Euphorbiaceae	*Euphorbia australis* var. *subtomentosa*				+	+							+	+	+	+	+	+		+	+				+
Euphorbiaceae	*Euphorbia biconvexa*				+																				
Euphorbiaceae	*Euphorbia boophthona*																								
Euphorbiaceae	*Euphorbia careyi*											+													
Euphorbiaceae	*Euphorbia coghlanii*					+							+	+		+		+						+	
Euphorbiaceae	*Euphorbia inappendiculata* var. *inappendiculata* **(P3)**																								
Euphorbiaceae	*Euphorbia* sp. 1											+													
Euphorbiaceae	*Euphorbia* sp. 2																								
Euphorbiaceae	*Euphorbia tannensis* subsp. *eremophila*										+							+							
Euphorbiaceae	*Euphorbia* ?*tannensis* subsp. *eremophila*																								
Euphorbiaceae	*Euphorbia trigonosperma*																								+
Euphorbiaceae	*Mallotus nesophilus*							+																	
Fabaceae	*Acacia acradenia*	+		+	+	+	+					+						+							+
Fabaceae	*Acacia adoxa* var. *adoxa*	+	+							+												+			
Fabaceae	*Acacia adsurgens*																								
Fabaceae	*Acacia ampliceps*			+									+		+			+		+				+	+
Fabaceae	*Acacia ampliceps x sclerosperma* subsp. *sclerosperma*																								
Fabaceae	*Acacia ancistrocarpa*																								
Fabaceae	*Acacia aptaneura*										+														
Fabaceae	*Acacia arida*																								
Fabaceae	*Acacia bivenosa*			+	+													+					+		+
Fabaceae	*Acacia* ?*bivenosa*																								
Fabaceae	*Acacia colei*										+		+												
Fabaceae	*Acacia colei* var. *colei*																								
Fabaceae	*Acacia colei* ?var. *colei*																								
Fabaceae	*Acacia coriacea* subsp. *pendens*																			+	+			+	
Fabaceae	*Acacia elachantha*																								
Fabaceae	*Acacia eriopoda*																	+							

Family	Taxa	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024A
Fabaceae	*Acacia eriopoda x trachycarpa*				+																				
Fabaceae	*Acacia hilliana*							+	+	+															
Fabaceae	*Acacia holosericea*																								
Fabaceae	*Acacia inaequilatera*	+	+				+				+		+		+	+	+		+						
Fabaceae	*Acacia levata* **(P3)**																								
Fabaceae	*Acacia maitlandii*																								
Fabaceae	*Acacia monticola*																								
Fabaceae	*Acacia orthocarpa*	+																							
Fabaceae	*Acacia pruinocarpa*																		+						
Fabaceae	*Acacia ptychophylla*	+	+															+				+			
Fabaceae	*Acacia pyrifolia*																								
Fabaceae	*Acacia pyrifolia* var. *morrisonii*																								
Fabaceae	*Acacia pyrifolia* var. *pyrifolia*			+	+	+												+		+	+			+	+
Fabaceae	*Acacia retivenea* subsp. *clandestina*																					+			
Fabaceae	*Acacia sericophylla*												+	+	+	+	+								
Fabaceae	*Acacia sibirica*																								
Fabaceae	*Acacia* sp. 1																								
Fabaceae	*Acacia* sp. 2																								
Fabaceae	*Acacia* sp. 3																								
Fabaceae	*Acacia* sp. 4																					+			
Fabaceae	*Acacia* sp. 5																								
Fabaceae	*Acacia* sp. 6																								
Fabaceae	*Acacia* sp. 7																								
Fabaceae	*Acacia* sp. 8																								
Fabaceae	*Acacia* sp. 9																								
Fabaceae	*Acacia sphaerostachya*																								
Fabaceae	*Acacia spondylophylla*																	+							
Fabaceae	*Acacia stellaticeps*					+																			
Fabaceae	*Acacia synchronicia*																								
Fabaceae	*Acacia trachycarpa*			+	+	+							+		+	+		+		+				+	+
Fabaceae	*Acacia trachycarpa x tumida* var. *pilbarensis*																								
Fabaceae	*Acacia tumida* var. *pilbarensis*				+				+	+											+				
Fabaceae	*Acacia victoriae* subsp. *victoriae*																								
Fabaceae	*Alysicarpus muelleri*																								
Fabaceae	*Cajanus cinereus*				+								+				+								
Fabaceae	*Cajanus* ? *cinereus*																								
Fabaceae	*Cajanus pubescens*																	+							
Fabaceae	*Cajanus* sp. 1																								
Fabaceae	*Cajanus* sp. 2																								
Fabaceae	*Cajanus* sp. 3																								
Fabaceae	*Crotalaria cunninghamii* subsp. *sturtii*															+									

Family	Taxa	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024A
Fabaceae	*Crotalaria* ?*cunninghamii* subsp. *sturtii*																								
Fabaceae	*Crotalaria medicaginea* var. *neglecta*				+																				
Fabaceae	*Crotalaria novae-hollandiae* subsp. *novae-hollandiae*																								
Fabaceae	*Cullen lachnostachys*																								
Fabaceae	*Cullen leucanthum*																								
Fabaceae	*Cullen leucochaites*																								
Fabaceae	*Cullen martinii*																								
Fabaceae	*Cullen pallidum*																								
Fabaceae	*Cullen pogonocarpum*																								
Fabaceae	*Cullen pustulatum*			+	+	+									+										+
Fabaceae	*Cullen* ?*pustulatum*																								
Fabaceae	*Cullen* sp. 1																								
Fabaceae	*Cullen* sp. 2																								
Fabaceae	*Cullen stipulaceum*																								
Fabaceae	*Dichrostachys spicata*																								
Fabaceae	*Erythrina vespertilio*																								
Fabaceae	*Glycine canescens*																								+
Fabaceae	*Grona filiformis*																								
Fabaceae	*Indigastrum parviflorum*																								
Fabaceae	*Indigofera colutea*																								
Fabaceae	*Indigofera deserticola*																								
Fabaceae	*Indigofera hirsuta*																								
Fabaceae	*Indigofera linifolia*				+																				
Fabaceae	*Indigofera linnaei*																								
Fabaceae	*Indigofera monophylla*			+	+	+	+				+												+		
Fabaceae	*Indigofera rugosa*			+	+																				
Fabaceae	**Indigofera sessiliflora*																								
Fabaceae	*Indigofera* sp. 1																								
Fabaceae	*Indigofera* sp. 2														+										
Fabaceae	*Indigofera* sp. 3																								
Fabaceae	*Indigofera trita*																								
Fabaceae	*Indigofera trita* subsp. *trita*																								
Fabaceae	*Indigofera trita* ?subsp. *trita*																								
Fabaceae	*Isotropis atropurpurea*			+	+	+																			+
Fabaceae	*Neptunia* sp.																								
Fabaceae	*Petalostylis labicheoides*								+	+			+		+	+		+		+					
Fabaceae	*Rhynchosia australis*																								
Fabaceae	*Rhynchosia minima*												+		+		+								
Fabaceae	*Rhynchosia* sp. 1			+	+	+																			
Fabaceae	*Rhynchosia* sp. 2																								+

Family	Taxa	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024A
Fabaceae	*Rhynchosia* sp. 3																								
Fabaceae	*Rhynchosia* sp. 4																	+		+				+	
Fabaceae	*Rhynchosia* sp. 5																								
Fabaceae	*Rhynchosia* sp. 6																								
Fabaceae	*Senna artemisioides* subsp. *helmsii*																								
Fabaceae	*Senna artemisioides* subsp. *helmsii x oligophylla*				+																				
Fabaceae	*Senna artemisioides* subsp. *oligophylla*																								
Fabaceae	*Senna ferraria*	+																							
Fabaceae	*Senna glaucifolia*																								
Fabaceae	*Senna glutinosa*																								
Fabaceae	*Senna ? glutinosa*																								
Fabaceae	*Senna glutinosa* subsp. *glutinosa*	+	+					+		+		+									+	+	+		
Fabaceae	*Senna glutinosa* subsp. *pruinosa*																								
Fabaceae	*Senna glutinosa* subsp. *x luerssenii*																								
Fabaceae	*Senna notabilis*			+											+	+									
Fabaceae	*Senna symonii*																						+		
Fabaceae	*Senna venusta*																	+		+					
Fabaceae	*Sesbania cannabina*					+																		+	+
Fabaceae	*Sesbania formosa*													+											
Fabaceae	*Swainsona decurrens*																								
Fabaceae	*Swainsona formosa*																								
Fabaceae	*Swainsona ? formosa*																								
Fabaceae	*Swainsona* sp. 1																								
Fabaceae	*Swainsona* sp. 2																								
Fabaceae	*Swainsona stenodonta*																								
Fabaceae	*Templetonia hookeri*									+															
Fabaceae	*Tephrosia clementii*																								
Fabaceae	*Tephrosia densa*																								
Fabaceae	*Tephrosia leptoclada*																								
Fabaceae	*Tephrosia rosea*																				+				
Fabaceae	*Tephrosia rosea* var. *clementii*																								
Fabaceae	*Tephrosia rosea* ?var. *clementii*			+	+	+					+														
Fabaceae	? *Tephrosia* sp.																								
Fabaceae	*Tephrosia* sp. 1																								
Fabaceae	*Tephrosia* sp. 2																								
Fabaceae	*Tephrosia* sp. B Kimberley Flora (C.A. Gardner 7300)																	+							
Fabaceae	*Tephrosia* sp. Bungaroo Creek (M.E. Trudgen 11601)									+															

Family	Taxa	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024A
Fabaceae	*Tephrosia* sp. clay soils (S. van Leeuwen et al. PBS 0273)																								
Fabaceae	*Tephrosia* sp. D Kimberley Flora (R.D. Royce 1848)																								
Fabaceae	*Tephrosia* sp. Newman (A.A. Mitchell PRP 29)																								
Fabaceae	*Tephrosia* sp. *NW Eremaean (S. van Leeuwen et al. PBS 0356)*																								
Fabaceae	*Tephrosia supina*																								
Fabaceae	*Tephrosia* ? *supina*																							+	
Fabaceae	*Tephrosia virens*																								
Fabaceae	*Tephrosia* ? *virens*																								
Fabaceae	* *Vachellia farnesiana* var. *farnesiana*																								
Fabaceae	*Vigna lanceolata* var. *lanceolata*												+	+	+										+
Fabaceae	*Vigna* sp. Hamersley Clay (A.A. Mitchell PRP 113)																			+				+	
Fabaceae	*Zornia albiflora*																								
Goodeniaceae	*Dampiera candicans*	+	+						+			+						+			+				
Goodeniaceae	*Dampiera* sp.																								
Goodeniaceae	*Goodenia armitiana*																								
Goodeniaceae	*Goodenia cusackiana*											+	+												
Goodeniaceae	*Goodenia* ? *cusackiana*																								
Goodeniaceae	*Goodenia lamprosperma*																								
Goodeniaceae	*Goodenia microptera*																								
Goodeniaceae	*Goodenia muelleriana*																								
Goodeniaceae	*Goodenia* ? *muelleriana*																								
Goodeniaceae	*Goodenia nuda*																								
Goodeniaceae	*Goodenia scaevolina*																								
Goodeniaceae	*Goodenia* sp. 1																								
Goodeniaceae	*Goodenia* sp. 2																								
Goodeniaceae	*Goodenia stobbsiana*	+	+															+				+			
Goodeniaceae	*Goodeniaceae* sp.																								
Goodeniaceae	*Scaevola amblyanthera* var. *centralis*																	+							
Goodeniaceae	*Scaevola* ? *amblyanthera* var. *centralis*																								
Goodeniaceae	*Scaevola browniana* subsp. *browniana*																								
Goodeniaceae	*Scaevola parvifolia*																								
Goodeniaceae	*Scaevola* sp.																		+						
Gyrostemonaceae	*Codonocarpus cotinifolius*																								
Haloragaceae	*Gonocarpus ephemerus*																								
Haloragaceae	*Haloragis* ? *gossei*																								
Haloragaceae	*Haloragis gossei* var. *gossei*																								
Haloragaceae	*Haloragis gossei* ?var. *gossei*																								

Family	Taxa	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024A
Haloragaceae	*Haloragis* sp. 1																								
Haloragaceae	*Haloragis* sp. 2																								
Lamiaceae	*Basilicum polystachyon*																								
Lamiaceae	*Clerodendrum floribundum* var. *angustifolium*																								
Lamiaceae	*Clerodendrum floribundum* var. ?*angustifolium*																								
Lamiaceae	*Clerodendrum tomentosum* var. *lanceolatum*							+																	
Lamiaceae	*Clerodendrum tomentosum* var. *tomentosum*																								
Lamiaceae	*Quoya zonalis* **(T)**									+															
Lauraceae	*Cassytha capillaris*										+		+										+		
Lauraceae	*Cassytha filiformis*												+	+											
Lauraceae	*Cassytha* sp. 1																			+					
Lauraceae	*Cassytha* sp. 2																								
Lauraceae	*Cassytha* sp. 3																								
Loganiaceae	*Mitrasacme connata*																								
Loranthaceae	*Lysiana casuarinae*																								
Lythraceae	*Ammannia baccifera*																								
Lythraceae	*Ammannia multiflora*																								
Lythraceae	*Ammannia* sp. 1													+											
Lythraceae	*Ammannia* sp. 2																								
Lythraceae	*Ammannia* sp. 3																								
Lythraceae	*Ammannia* sp. 4																								+
Malvaceae	*Abutilon fraseri* subsp. *fraseri*																								
Malvaceae	*Abutilon lepidum*																								
Malvaceae	*Abutilon* ?*leucopetalum*																								
Malvaceae	*Abutilon macrum*												+			+									
Malvaceae	*Abutilon* sp. 1																								
Malvaceae	*Abutilon* sp. 2																								
Malvaceae	*Abutilon* sp. 3			+																					
Malvaceae	*Abutilon* sp. Dioicum (A.A. Mitchell PRP 1618)																								
Malvaceae	*Abutilon* sp. Pilbara (W.R. Barker 2025)																								
Malvaceae	*Brachychiton acuminatus*													+											
Malvaceae	*Corchorus incanus*																								
Malvaceae	*Corchorus* ?*incanus*																								
Malvaceae	*Corchorus incanus* subsp. *incanus*																								
Malvaceae	*Corchorus* ?*incanus* subsp. *incanus*																								
Malvaceae	*Corchorus laniflorus*		+																						
Malvaceae	*Corchorus lasiocarpus* subsp. *lasiocarpus*																								

Family	Taxa	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024A
Malvaceae	*Corchorus parviflorus*			+	+	+						+	+	+	+	+	+	+		+	+	+	+	+	+
Malvaceae	*Corchorus* ? *parviflorus*													+											
Malvaceae	*Corchorus* sp. 1																								
Malvaceae	*Corchorus* sp. 2																								
Malvaceae	*Corchorus tridens*																							+	
Malvaceae	*Corchorus trilocularis*																								
Malvaceae	*Corchorus walcottii*				+																				
Malvaceae	*Gossypium australe*			+	+									+	+						+				+
Malvaceae	*Gossypium robinsonii*												+												
Malvaceae	*Hibiscus austrinus* var. *austrinus*													+				+							
Malvaceae	*Hibiscus brachychlaenus*																	+							
Malvaceae	*Hibiscus burtonii*																								
Malvaceae	*Hibiscus coatesii*											+													
Malvaceae	*Hibiscus goldsworthii*							+	+	+		+									+				
Malvaceae	*Hibiscus leptocladus*																								
Malvaceae	*Hibiscus sturtii*																								
Malvaceae	*Hibiscus* ? *sturtii*																								
Malvaceae	? *Hibiscus sturtii*																								
Malvaceae	*Hibiscus sturtii* var. *campylochlamys*																								
Malvaceae	*Hibiscus sturtii* var. *platychlamys*																								
Malvaceae	MALVACEAE sp. 1														+										
Malvaceae	MALVACEAE sp. 2																								
Malvaceae	MALVACEAE sp. 3																								
Malvaceae	* *Malvastrum americanum*																								
Malvaceae	*Melhania oblongifolia*																								
Malvaceae	*Seringia nephrosperma*																								
Malvaceae	*Sida arenicola*											+													
Malvaceae	*Sida arsiniata*																								
Malvaceae	*Sida cardiophylla*																								
Malvaceae	*Sida clementii*																								
Malvaceae	*Sida echinocarpa*					+																			
Malvaceae	*Sida* ? *echinocarpa*																								
Malvaceae	*Sida fibulifera*																								
Malvaceae	*Sida* ? *fibulifera*												+												
Malvaceae	*Sida macropoda*																								
Malvaceae	*Sida* ? *macropoda*																								
Malvaceae	*Sida platycalyx*							+																	
Malvaceae	*Sida rohlenae* subsp. *rohlenae*																								
Malvaceae	*Sida* sp. 1																								
Malvaceae	*Sida* sp. 2																								
Malvaceae	*Sida* sp. 3																								

Family	Taxa	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024A
Malvaceae	*Sida* sp. articulation below (A.A. Mitchell PRP 1605)																								
Malvaceae	*Sida* sp. Excedentifolia (J.L. Egan 1925)																								
Malvaceae	*Sida* sp. Pilbara (A.A. Mitchell PRP 1543)								+																
Malvaceae	*Sida* sp. spiciform panicles (E. Leyland s.n. 14/8/90)																	+							
Malvaceae	*Sida spinosa*																								
Malvaceae	*Triumfetta appendiculata*																								
Malvaceae	*Triumfetta* ? *appendiculata*																								
Malvaceae	*Triumfetta chaetocarpa*					+			+							+									
Malvaceae	*Triumfetta clementii*																								
Malvaceae	*Triumfetta johnstonii*								+																
Malvaceae	*Triumfetta leptacantha*																								
Malvaceae	*Triumfetta maconochieana*											+						+						+	
Malvaceae	*Triumfetta propinqua*																								
Malvaceae	*Triumfetta ramosa*																								
Malvaceae	*Triumfetta* sp. 1									+															
Malvaceae	*Triumfetta* sp. 2																								
Malvaceae	*Waltheria indica*																								
Malvaceae	*Waltheria virgata*																								
Marsileaceae	*Marsilea exarata*																								
Marsileaceae	*Marsilea hirsuta*																								
Marsileaceae	*Marsilea* sp. 1																								
Marsileaceae	*Marsilea* sp. 2																								
Menispermaceae	*Tinospora smilacina*							+		+						+					+			+	
Molluginaceae	*Hypertelis cerviana*																								
Molluginaceae	*Trigastrotheca molluginea*																								
Montiaceae	*Calandrinia ptychosperma*																								
Montiaceae	*Calandrinia* ? *pumila*																								
Montiaceae	*Calandrinia* ? *stagnensis*																								
Montiaceae	*Calandrinia tepperiana*													+		+									
Moraceae	*Ficus aculeata* var. *indecora*							+																	
Moraceae	*Ficus brachypoda*																								
Myrtaceae	*Corymbia candida* subsp. *candida*																		+						
Myrtaceae	*Corymbia* ? *candida* subsp. *candida*																								
Myrtaceae	*Corymbia flavescens*																								
Myrtaceae	*Corymbia hamersleyana*	+	+	+	+					+													+		
Myrtaceae	*Corymbia* ? *hamersleyana*																								
Myrtaceae	? *Corymbia hamersleyana*																	+		+					
Myrtaceae	? *Corymbia* sp.																								
Myrtaceae	*Corymbia* sp. 1																								

Family	Taxa	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024A
Myrtaceae	*Corymbia* sp. 2																								
Myrtaceae	*Corymbia* sp. 3																								
Myrtaceae	*Eucalyptus camaldulensis*																								
Myrtaceae	*Eucalyptus* ?*camaldulensis*																								
Myrtaceae	*Eucalyptus camaldulensis* subsp. *refulgens*												+	+	+	+	+								
Myrtaceae	*Eucalyptus camaldulensis* ?subsp. *refulgens*																								
Myrtaceae	*Eucalyptus leucophloia*																								
Myrtaceae	*Eucalyptus leucophloia* subsp. *leucophloia*	+	+																			+			
Myrtaceae	*Eucalyptus* ?*leucophloia* subsp. *leucophloia*											+													
Myrtaceae	*Eucalyptus* sp. 1																								
Myrtaceae	*Eucalyptus* sp. 2																								
Myrtaceae	*Eucalyptus victrix*			+	+	+											+	+		+				+	+
Myrtaceae	*Melaleuca argentea*													+	+	+	+								
Myrtaceae	*Melaleuca bracteata*																								+
Myrtaceae	*Melaleuca glomerata*												+							+				+	
Myrtaceae	*Melaleuca* ?*glomerata*																	+							
Myrtaceae	*Melaleuca linophylla*			+	+	+							+	+						+				+	+
Myrtaceae	*Melaleuca* ?*linophylla*																								
Nyctaginaceae	*Boerhavia burbidgeana*				+	+																			+
Nyctaginaceae	*Boerhavia coccinea*												+		+	+		+		+	+			+	
Nyctaginaceae	*Boerhavia* ?*coccinea*																								
Nyctaginaceae	*Boerhavia gardneri*										+														
Nyctaginaceae	*Boerhavia* sp.																								
Oleaceae	*Jasminum didymum* subsp. *lineare*			+	+	+																			
Onagraceae	*Ludwigia perennis*																								
Papaveraceae	**Argemone ochroleuca* subsp. *ochroleuca*																								
Pedaliaceae	*Josephinia eugeniae*																								
Pedaliaceae	*Josephinia* sp. Mt Edgar Station (N.T. Burbidge 1194)																								
Phyllanthaceae	*Cathetus* sp.																								
Phyllanthaceae	*Cathetus virgatus*																								
Phyllanthaceae	*Flueggea virosa* subsp. *melanthesoides*																	+			+			+	
Phyllanthaceae	*Kirganelia baccata*												+	+	+		+								
Phyllanthaceae	*Nellica maderaspatensis*				+	+																		+	+
Phyllanthaceae	*Notoleptopus decaisnei*												+					+						+	
Phyllanthaceae	*Phyllanthus hebecarpus* **(P3)**									+															
Pittosporaceae	*Pittosporum angustifolium*																								
Plantaginaceae	*Stemodia grossa*			+		+							+	+				+			+				+
Plantaginaceae	*Stemodia kingii*																								
Plantaginaceae	*Stemodia viscosa*																								
Poaceae	*Aristida burbidgeae*																								

Family	Taxa	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024A
Poaceae	*Aristida contorta*																								
Poaceae	?*Aristida contorta*																								
Poaceae	*Aristida holathera* var. *holathera*																								
Poaceae	*Aristida inaequiglumis*																								
Poaceae	**Cenchrus ciliaris*			+	+	+												+		+				+	+
Poaceae	**Cenchrus setiger*												+	+	+	+	+			+					
Poaceae	*Cenchrus* sp.																								
Poaceae	**Chloris barbata*																+								
Poaceae	*Chloris pumilio*																								
Poaceae	**Chloris virgata*																								
Poaceae	*Chrysopogon fallax*				+	+																			
Poaceae	*Cymbopogon ambiguus*			+	+	+						+						+		+	+				
Poaceae	*Cymbopogon obtectus*																								
Poaceae	*Cymbopogon procerus*																								
Poaceae	*Cynodon convergens*																								
Poaceae	**Cynodon dactylon*													+			+								
Poaceae	*Cynodon prostratus*																								
Poaceae	*Dactyloctenium radulans*																							+	
Poaceae	*Dichanthium fecundum*																								
Poaceae	*Dichanthium sericeum* subsp. *humilius*																								
Poaceae	*Digitaria brownii*							+																	
Poaceae	*Digitaria ctenantha*																								
Poaceae	*Diplachne fusca* subsp. *fusca*																							+	
Poaceae	**Echinochloa colona*																								
Poaceae	*Enneapogon caerulescens*																								
Poaceae	*Enneapogon* ?*caerulescens*																								
Poaceae	*Enneapogon lindleyanus*			+	+	+																			
Poaceae	*Enneapogon polyphyllus*																								
Poaceae	*Enneapogon* sp.																								
Poaceae	*Eragrostis crateriformis* **(P3)**																								
Poaceae	*Eragrostis cumingii*					+																			
Poaceae	*Eragrostis desertorum*																								
Poaceae	*Eragrostis dielsii*																								
Poaceae	*Eragrostis eriopoda*																								
Poaceae	*Eragrostis exigua*																								
Poaceae	**Eragrostis minor*																								
Poaceae	*Eragrostis olida*																								
Poaceae	*Eragrostis* sp. 1																								
Poaceae	*Eragrostis* sp. 2																								
Poaceae	*Eragrostis tenellula*																								
Poaceae	*Eragrostis* ?*tenellula*																								

Family	Taxa	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024A
Poaceae	*Eriachne aristidea*																								
Poaceae	*Eriachne benthamii*																			+					
Poaceae	*Eriachne ciliata*								+																
Poaceae	*Eriachne flaccida*																								
Poaceae	*Eriachne helmsii*																							+	+
Poaceae	*Eriachne melicacea*																								
Poaceae	*Eriachne mucronata*	+			+																+				
Poaceae	*Eriachne obtusa*																								
Poaceae	*Eriachne pulchella*																				+			+	
Poaceae	*Eriachne pulchella* subsp. *dominii*																								
Poaceae	*Eriachne pulchella* subsp. *pulchella*																								
Poaceae	*Eriachne* sp. 1																								
Poaceae	*Eriachne* sp. 2																								
Poaceae	*Eriachne* sp. 3																								
Poaceae	*Eriachne* sp. 4																								
Poaceae	*Eriachne* sp. Dugald River (B.K. Simon+ 3007)																								
Poaceae	*Eriachne tenuiculmis*																			+		+	+	+	+
Poaceae	*Eulalia aurea*												+												
Poaceae	*Iseilema dolichotrichum*																								
Poaceae	*Iseilema membranaceum*																								
Poaceae	*Panicum australiense*																								
Poaceae	*Panicum australiense* var. *australiense*																								
Poaceae	*Paraneurachne muelleri*																								+
Poaceae	*Paspalidium basicladum*																								
Poaceae	*Paspalidium clementii*																								
Poaceae	*Paspalidium jubiflorum*																								
Poaceae	*Paspalidium rarum*																								
Poaceae	*Perotis rara*																								
Poaceae	POACEAE sp. 1																								
Poaceae	POACEAE sp. 2																								
Poaceae	POACEAE sp. 3																								
Poaceae	*Schizachyrium fragile*																								
Poaceae	**Setaria verticillata*																								
Poaceae	*Sporobolus actinocladus*																								
Poaceae	*Sporobolus australasicus*																								
Poaceae	*Sporobolus ramigerus*																								
Poaceae	*Themeda triandra*				+																				
Poaceae	*Themeda ? triandra*																								
Poaceae	*Triodia angusta*																								
Poaceae	*Triodia ? angusta*																								
Poaceae	*Triodia brizoides*										+	+											+		

Family	Taxa	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024A
Poaceae	*Triodia ? brizoides*																								
Poaceae	*Triodia epactia*			+	+	+	+												+		+	+		+	+
Poaceae	*Triodia ? epactia*								+	+															
Poaceae	*Triodia lanigera*																								
Poaceae	*Triodia longiceps*	+				+		+					+		+	+	+	+		+					+
Poaceae	*Triodia secunda*																								
Poaceae	*Triodia wiseana*	+	+	+			+																+		
Poaceae	*Triodia ? wiseana*																								
Poaceae	*Tripogonella loliiformis*																								
Poaceae	*Whiteochloa cymbiformis*																								
Polygalaceae	*Polygala glaucifolia*																								
Polygalaceae	*Polygala isingii*																								
Polygalaceae	*Polygala* sp.																								
Portulacaceae	*Portulaca filifolia*																								
Portulacaceae	*Portulaca oleracea*													+											
Potamogetonaceae	*Potamogeton tepperi*																								
Proteaceae	*Grevillea pyramidalis* subsp. *leucadendron*												+							+					
Proteaceae	*Grevillea wickhamii*								+	+	+	+						+	+			+			
Proteaceae	*Grevillea wickhamii* subsp. *aprica*					+																			
Proteaceae	*Grevillea wickhamii* subsp. *hispidula*	+	+																						
Proteaceae	*Hakea lorea* subsp. *lorea*	+					+																		
Pteridaceae	*Cheilanthes sieberi* subsp. *Sieberi*																								
Pteridaceae	*Cheilanthes* sp.																								
Rubiaceae	*Dolichocarpa crouchiana*																								
Rubiaceae	*Synaptantha tillaeacea* var. *tillaeacea*																								
Sapindaceae	*Atalaya hemiglauca*					+							+	+	+	+	+	+		+				+	+
Sapindaceae	*Dodonaea coriacea*	+																				+			
Scrophulariaceae	*Eremophila latrobei* subsp. *glabra*																								
Scrophulariaceae	*Eremophila latrobei* ?subsp. *glabra*																								
Scrophulariaceae	*Eremophila latrobei* subsp. *latrobei*																								
Scrophulariaceae	*Eremophila longifolia*																								
Solanaceae	*Nicotiana benthamiana*																								
Solanaceae	*Nicotiana bilybara*																								
Solanaceae	*Nicotiana occidentalis*																								
Solanaceae	**Physalis angulata*																								
Solanaceae	*Solanum ? centrale*																								
Solanaceae	*Solanum cleistogamum*																								
Solanaceae	*Solanum diversiflorum*													+	+	+				+	+			+	
Solanaceae	*Solanum gabrielae*								+																
Solanaceae	*Solanum horridum*																								
Solanaceae	*Solanum lasiophyllum*	+	+								+														

Family	Taxa	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024A
Solanaceae	*Solanum lucani*																								
Solanaceae	**Solanum nigrum*																								
Solanaceae	*Solanum phlomoides*																			+	+	+			
Solanaceae	*Solanum ?phlomoides*																								
Solanaceae	*Solanum* sp.																								
Stylidiaceae	*Stylidium desertorum*																								
Typhaceae	*Typha domingensis*			+																					+
Violaceae	*Afrohybanthus aurantiacus*				+	+									+	+				+					
Violaceae	*Afrohybanthus ?aurantiacus*																								
Violaceae	*?Afrohybanthus* sp.																								
Zygophyllaceae	*Tribulus hirsutus*																								
Zygophyllaceae	*Tribulus occidentalis*															+									
Zygophyllaceae	*Tribulus platypterus*																								
Zygophyllaceae	*Tribulus ?platypterus*																								
Zygophyllaceae	*Tribulus suberosus*								+			+									+				

Sites 024B-050

Family	Taxa	024B	025	026	027	028	029	030	031	032	033	034	035	036	037	038	039	040	041	042	046	047	048	049	050
Acanthaceae	*Rostellularia adscendens* var. *clementii*																								
Aizoaceae	*Trianthema pilosum*																								
Aizoaceae	* *Trianthema portulacastrum*																								
Aizoaceae	*Trianthema triquetrum*																					+	+		
Aizoaceae	*Trianthema turgidifolium*																								
Aizoaceae	*Zaleya galericulata* subsp. *galericulata*																								
Amaranthaceae	*Achyranthes aspera*																								
Amaranthaceae	* *Aerva javanica*					+		+	+	+								+							
Amaranthaceae	*Alternanthera denticulata*																								
Amaranthaceae	*Alternanthera denticulata* var. *denticulata*																								
Amaranthaceae	*Alternanthera nana*																								
Amaranthaceae	*Amaranthus cuspidifolius*																								
Amaranthaceae	*Amaranthus undulatus*																								
Amaranthaceae	*Gomphrena canescens*																								
Amaranthaceae	*Gomphrena cunninghamii*							+																	
Amaranthaceae	*Gomphrena kanisii*																								
Amaranthaceae	*Gomphrena lanata*																								
Amaranthaceae	*Gomphrena leptoclada* subsp. *leptoclada*																								
Amaranthaceae	*Ptilotus astrolasius*		+									+													
Amaranthaceae	*Ptilotus auriculifolius*						+			+	+														
Amaranthaceae	*Ptilotus axillaris*																								
Amaranthaceae	*Ptilotus calostachyus*																							+	
Amaranthaceae	*Ptilotus clementii*																								
Amaranthaceae	*Ptilotus exaltatus*																		+	+					
Amaranthaceae	*Ptilotus fusiformis*																								
Amaranthaceae	*Ptilotus gomphrenoides*																								
Amaranthaceae	*Ptilotus incanus*														+			+							
Amaranthaceae	*Ptilotus mollis* **(P4)**																								
Amaranthaceae	*Ptilotus obovatus*																								
Amaranthaceae	*Ptilotus* sp.																					+			
Amaranthaceae	? *Ptilotus* sp.																								
Apocynaceae	* *Calotropis procera*					+	+								+										
Apocynaceae	*Carissa lanceolata*																								
Apocynaceae	*Cynanchum floribundum*																								
Apocynaceae	*Cynanchum viminale* subsp. *australe*																								
Apocynaceae	*Gymnanthera cunninghamii* **(P3)**																								
Apocynaceae	*Gymnema erectum*																								
Apocynaceae	*Vincetoxicum flexuosum*																								
Araliaceae	*Trachymene oleracea*																								

Family	Taxa	024B	025	026	027	028	029	030	031	032	033	034	035	036	037	038	039	040	041	042	046	047	048	049	050
Araliaceae	*Trachymene oleracea* subsp. *oleracea*																								
Araliaceae	*Trachymene pilbarensis*																				+				
Asteraceae	*Blumea tenella*																								
Asteraceae	*Centipeda minima* subsp. *macrocephala*																								
Asteraceae	*Chrysocephalum apiculatum* subsp. *pilbarense*																								
Asteraceae	*Chrysocephalum* sp.																								
Asteraceae	**Flaveria trinervia*																								
Asteraceae	*Olearia fluvialis*																								
Asteraceae	*Pentalepis trichodesmoides* subsp. *trichodesmoides*										+		+										+		
Asteraceae	*Pluchea dentex*																								
Asteraceae	*Pluchea ferdinandi-muelleri*																	+				+			
Asteraceae	*Pluchea rubelliflora*																								
Asteraceae	*?Pluchea rubelliflora*																								
Asteraceae	*Pluchea tetranthera*	+	+																						+
Asteraceae	*Pterocaulon serrulatum* var. *velutinum*		+																			+			
Asteraceae	*Pterocaulon sphacelatum*																								
Asteraceae	**Sonchus oleraceus*																								
Asteraceae	*Streptoglossa ?bubakii*																								
Asteraceae	*Streptoglossa decurrens*																								
Asteraceae	*Streptoglossa ?decurrens*																								
Asteraceae	*Vittadinia dissecta* var. *hirta*																								
Bixaceae	*Cochlospermum macnamarae* **(P1)**																								
Boraginaceae	*Ehretia saligna* var. *saligna*											+													
Boraginaceae	*Euploca chrysocarpa*																								
Boraginaceae	*Euploca ?chrysocarpa*																								
Boraginaceae	*Euploca conocarpa*																								
Boraginaceae	*Euploca cunninghamii*																								
Boraginaceae	*Euploca ?cunninghamii*																								
Boraginaceae	*Euploca heterantha*																								
Boraginaceae	*Euploca pachyphylla*																								
Boraginaceae	*Euploca ?pachyphylla*																								
Boraginaceae	*Euploca skeleton*																								
Boraginaceae	*Euploca tanythrix*																								
Boraginaceae	*Euploca tenuifolia*											+													
Boraginaceae	*Heliotropium crispatum*																								
Boraginaceae	*Heliotropium murinum* **(P3)**																								
Boraginaceae	*Heliotropium ?murinum* **(P3)**																								
Boraginaceae	*Heliotropium* sp. 1																								
Boraginaceae	*Heliotropium* sp. 2																								

Family	Taxa	024B	025	026	027	028	029	030	031	032	033	034	035	036	037	038	039	040	041	042	046	047	048	049	050
Boraginaceae	*Trichodesma zeylanicum*											+	+												
Boraginaceae	*Trichodesma zeylanicum* var. *zeylanicum*																								
Brassicaceae	*Lepidium pedicellosum*																								
Byblidaceae	*Byblis pilbarana*																								
Campanulaceae	*Wahlenbergia tumidifructa*																								
Capparaceae	*Capparis spinosa* subsp. *nummularia*																								
Caryophyllaceae	*Polycarpaea corymbosa* var. *corymbosa*																								
Caryophyllaceae	*Polycarpaea holtzei*																								
Caryophyllaceae	*Polycarpaea longiflora*																+								
Celastraceae	*Stackhousia intermedia*																								
Celastraceae	*Stackhousia ?intermedia*																								
Celastraceae	*Stackhousia muricata*																								
Chenopodiaceae	*Dysphania kalpari*																								
Chenopodiaceae	*Dysphania plantaginella*																								
Chenopodiaceae	*Dysphania rhadinostachya*																								
Chenopodiaceae	*Dysphania rhadinostachya* subsp. *inflata*																								
Chenopodiaceae	*Dysphania rhadinostachya* subsp. *rhadinostachya*																								
Chenopodiaceae	*Dysphania* sp.																								
Chenopodiaceae	?*Dysphania* sp.																								
Chenopodiaceae	*Dysphania sphaerosperma*																								
Chenopodiaceae	*Sclerolaena costata*																								
Chenopodiaceae	*Sclerolaena densiflora*																								
Chenopodiaceae	*Sclerolaena hostilis*																								
Cleomaceae	*Arivela viscosa*					+	+	+	+	+	+														+
Combretaceae	*Terminalia circumalata*			+	+																				
Combretaceae	*Terminalia* sp.																								
Combretaceae	?*Terminalia* sp. 1																								
Combretaceae	?*Terminalia* sp. 2																								
Combretaceae	?*Terminalia* sp. 3																								
Combretaceae	?*Terminalia* sp. 4			+																					
Commelinaceae	*Commelina ensifolia*																								
Convolvulaceae	*Bonamia alatisemina*																								
Convolvulaceae	*Bonamia ?alatisemina*																								
Convolvulaceae	*Bonamia erecta*																								
Convolvulaceae	*Bonamia linearis*																								
Convolvulaceae	*Bonamia media*							+																	
Convolvulaceae	*Bonamia ?media*																								
Convolvulaceae	*Bonamia pannosa*						+	+														+	+		
Convolvulaceae	*Bonamia pilbarensis*						+	+			+					+			+	+					
Convolvulaceae	*Bonamia ?pilbarensis*																								

Family	Taxa	024B	025	026	027	028	029	030	031	032	033	034	035	036	037	038	039	040	041	042	046	047	048	049	050
Convolvulaceae	*Bonamia* sp. 1																						+	+	
Convolvulaceae	*Bonamia* sp. 2																								
Convolvulaceae	*Evolvulus alsinoides*																								
Convolvulaceae	*Evolvulus alsinoides* var. *villosicalyx*																								
Convolvulaceae	*Ipomoea coptica*																								
Convolvulaceae	*Ipomoea lonchophylla*																								
Convolvulaceae	*Ipomoea muelleri*							+															+		
Convolvulaceae	*Ipomoea polymorpha*																								
Convolvulaceae	*Operculina aequisepala*																								
Convolvulaceae	*Polymeria ambigua*																								
Convolvulaceae	*Polymeria calycina*																								
Convolvulaceae	*Polymeria lanata*																								
Convolvulaceae	*Polymeria mollis*		+	+	+							+													
Convolvulaceae	*Polymeria ? mollis*											+					+	+							
Cucurbitaceae	*Austrobryonia pilbarensis*																								
Cucurbitaceae	* *Citrullus colocynthis*												+												
Cucurbitaceae	*Cucumis melo*																								
Cucurbitaceae	* *Cucumis myriocarpus* subsp. *myriocarpus*																								
Cucurbitaceae	*Cucumis* sp. Chichester Range (A.A. Mitchell et al. AAM 10691)																								
Cucurbitaceae	*Cucumis variabilis*		+						+	+	+	+								+		+			
Cucurbitaceae	*Trichosanthes cucumerina* var. *cucumerina*																								
Cyperaceae	*Bulbostylis barbata*																								
Cyperaceae	*Bulbostylis burbidgeae* **(P4)**																								
Cyperaceae	*Bulbostylis turbinata*																								
Cyperaceae	*Cyperus bifax*										+														
Cyperaceae	*Cyperus bulbosus*																								
Cyperaceae	*Cyperus cunninghamii* subsp. *cunninghamii*																								
Cyperaceae	*Cyperus dactylotes*																								
Cyperaceae	*Cyperus difformis*																								
Cyperaceae	*Cyperus hesperius*																								
Cyperaceae	*Cyperus ixiocarpus*																								
Cyperaceae	*Cyperus microcephalus* subsp. *microcephalus*																								
Cyperaceae	*Cyperus* sp. 1					+																+			
Cyperaceae	*Cyperus* sp. 2																								
Cyperaceae	*Cyperus squarrosus*																								
Cyperaceae	*Cyperus vaginatus*														+			+							
Cyperaceae	*Fimbristylis dichotoma*	+	+																+						
Cyperaceae	*Fimbristylis elegans*																								
Cyperaceae	*Fimbristylis simulans*																								

Family	Taxa	024B	025	026	027	028	029	030	031	032	033	034	035	036	037	038	039	040	041	042	046	047	048	049	050
Cyperaceae	*Fimbristylis* sp.																								
Cyperaceae	*Fuirena ciliaris*																								
Elatinaceae	*Bergia pedicellaris*																								
Euphorbiaceae	*Adriana tomentosa*																								
Euphorbiaceae	*Adriana tomentosa* var. *tomentosa*																								
Euphorbiaceae	*Adriana tomentosa* ?var. *tomentosa*					+		+			+										+		+	+	
Euphorbiaceae	*Euphorbia* ? *australis*																					+			
Euphorbiaceae	*Euphorbia australis* var. *subtomentosa*	+	+			+	+	+													+		+		
Euphorbiaceae	*Euphorbia biconvexa*																								
Euphorbiaceae	*Euphorbia boophthona*												+	+											
Euphorbiaceae	*Euphorbia careyi*												+												
Euphorbiaceae	*Euphorbia coghlanii*					+		+																+	
Euphorbiaceae	*Euphorbia inappendiculata* var. *inappendiculata* **(P3)**																								
Euphorbiaceae	*Euphorbia* sp. 1																								
Euphorbiaceae	*Euphorbia* sp. 2																								
Euphorbiaceae	*Euphorbia tannensis* subsp. *eremophila*																								
Euphorbiaceae	*Euphorbia* ? *tannensis* subsp. *eremophila*																								
Euphorbiaceae	*Euphorbia trigonosperma*			+	+							+			+										
Euphorbiaceae	*Mallotus nesophilus*																								
Fabaceae	*Acacia acradenia*	+		+	+										+										
Fabaceae	*Acacia adoxa* var. *adoxa*																								
Fabaceae	*Acacia adsurgens*															+	+								
Fabaceae	*Acacia ampliceps*					+																			
Fabaceae	*Acacia ampliceps x sclerosperma* subsp. *sclerosperma*																								
Fabaceae	*Acacia ancistrocarpa*		+			+	+																	+	
Fabaceae	*Acacia aptaneura*																								
Fabaceae	*Acacia arida*																								
Fabaceae	*Acacia bivenosa*		+		+			+									+		+			+	+	+	+
Fabaceae	*Acacia* ? *bivenosa*																								
Fabaceae	*Acacia colei*																								
Fabaceae	*Acacia colei* var. *colei*																	+							
Fabaceae	*Acacia colei* ?var. *colei*																								
Fabaceae	*Acacia coriacea* subsp. *pendens*			+		+									+										
Fabaceae	*Acacia elachantha*																								
Fabaceae	*Acacia eriopoda*																								
Fabaceae	*Acacia eriopoda x trachycarpa*																								
Fabaceae	*Acacia hilliana*																								
Fabaceae	*Acacia holosericea*																								
Fabaceae	*Acacia inaequilatera*	+				+	+	+				+	+	+		+			+	+	+	+	+		

Family	Taxa	024B	025	026	027	028	029	030	031	032	033	034	035	036	037	038	039	040	041	042	046	047	048	049	050
Fabaceae	*Acacia levata* **(P3)**																								
Fabaceae	*Acacia maitlandii*																								
Fabaceae	*Acacia monticola*																								
Fabaceae	*Acacia orthocarpa*																								
Fabaceae	*Acacia pruinocarpa*																								
Fabaceae	*Acacia ptychophylla*											+				+					+				
Fabaceae	*Acacia pyrifolia*																								
Fabaceae	*Acacia pyrifolia* var. *morrisonii*																								
Fabaceae	*Acacia pyrifolia* var. *pyrifolia*	+	+	+	+	+									+			+				+	+		
Fabaceae	*Acacia retivenea* subsp. *clandestina*			+	+																				
Fabaceae	*Acacia sericophylla*																								
Fabaceae	*Acacia sibirica*																								
Fabaceae	*Acacia* sp. 1																								
Fabaceae	*Acacia* sp. 2																								
Fabaceae	*Acacia* sp. 3																								
Fabaceae	*Acacia* sp. 4																								
Fabaceae	*Acacia* sp. 5																								
Fabaceae	*Acacia* sp. 6																								
Fabaceae	*Acacia* sp. 7																								
Fabaceae	*Acacia* sp. 8																								
Fabaceae	*Acacia* sp. 9																								
Fabaceae	*Acacia sphaerostachya*			+	+																				
Fabaceae	*Acacia spondylophylla*																								
Fabaceae	*Acacia stellaticeps*																								
Fabaceae	*Acacia synchronicia*																								+
Fabaceae	*Acacia trachycarpa*					+									+			+			+	+	+		
Fabaceae	*Acacia trachycarpa x tumida* var. *pilbarensis*																								
Fabaceae	*Acacia tumida* var. *pilbarensis*			+	+							+													
Fabaceae	*Acacia victoriae* subsp. *victoriae*																								
Fabaceae	*Alysicarpus muelleri*							+																	
Fabaceae	*Cajanus cinereus*																+								
Fabaceae	*Cajanus* ? *cinereus*									+	+														
Fabaceae	*Cajanus pubescens*																								
Fabaceae	*Cajanus* sp. 1																								
Fabaceae	*Cajanus* sp. 2																								
Fabaceae	*Cajanus* sp. 3																								
Fabaceae	*Crotalaria cunninghamii* subsp. *sturtii*																								
Fabaceae	*Crotalaria* ? *cunninghamii* subsp. *sturtii*																								
Fabaceae	*Crotalaria medicaginea* var. *neglecta*											+													
Fabaceae	*Crotalaria novae-hollandiae* subsp. *novae-hollandiae*																								

Family	Taxa	024B	025	026	027	028	029	030	031	032	033	034	035	036	037	038	039	040	041	042	046	047	048	049	050
Fabaceae	*Cullen lachnostachys*																								
Fabaceae	*Cullen leucanthum*																								
Fabaceae	*Cullen leucochaites*																								
Fabaceae	*Cullen martinii*																								
Fabaceae	*Cullen pallidum*																								
Fabaceae	*Cullen pogonocarpum*																								
Fabaceae	*Cullen pustulatum*											+			+										
Fabaceae	*Cullen* ?*pustulatum*																								
Fabaceae	*Cullen* sp. 1																		+						
Fabaceae	*Cullen* sp. 2																								
Fabaceae	*Cullen stipulaceum*						+																		
Fabaceae	*Dichrostachys spicata*																								
Fabaceae	*Erythrina vespertilio*																								
Fabaceae	*Glycine canescens*	+																							
Fabaceae	*Grona filiformis*																								
Fabaceae	*Indigastrum parviflorum*																								
Fabaceae	*Indigofera colutea*						+	+																	
Fabaceae	*Indigofera deserticola*																								
Fabaceae	*Indigofera hirsuta*																								
Fabaceae	*Indigofera linifolia*							+																	
Fabaceae	*Indigofera linnaei*																								
Fabaceae	*Indigofera monophylla*					+						+	+	+	+					+	+		+	+	
Fabaceae	*Indigofera rugosa*																								
Fabaceae	**Indigofera sessiliflora*																								
Fabaceae	*Indigofera* sp. 1																								
Fabaceae	*Indigofera* sp. 2																								
Fabaceae	*Indigofera* sp. 3																								
Fabaceae	*Indigofera trita*																								
Fabaceae	*Indigofera trita* subsp. *trita*																								
Fabaceae	*Indigofera trita* ?subsp. *trita*																								
Fabaceae	*Isotropis atropurpurea*														+										
Fabaceae	*Neptunia* sp.																								
Fabaceae	*Petalostylis labicheoides*					+																	+	+	+
Fabaceae	*Rhynchosia australis*							+																	
Fabaceae	*Rhynchosia minima*										+							+		+					
Fabaceae	*Rhynchosia* sp. 1																								
Fabaceae	*Rhynchosia* sp. 2			+								+			+				+						
Fabaceae	*Rhynchosia* sp. 3																								
Fabaceae	*Rhynchosia* sp. 4	+																						+	+
Fabaceae	*Rhynchosia* sp. 5																								
Fabaceae	*Rhynchosia* sp. 6																								

Family	Taxa	024B	025	026	027	028	029	030	031	032	033	034	035	036	037	038	039	040	041	042	046	047	048	049	050
Fabaceae	*Senna artemisioides* subsp. *helmsii*							+													+		+		+
Fabaceae	*Senna artemisioides* subsp. *helmsii x oligophylla*																								
Fabaceae	*Senna artemisioides* subsp. *oligophylla*											+									+			+	
Fabaceae	*Senna ferraria*																								
Fabaceae	*Senna glaucifolia*	+																							
Fabaceae	*Senna glutinosa*																								
Fabaceae	*Senna* ? *glutinosa*																								
Fabaceae	*Senna glutinosa* subsp. *glutinosa*	+	+	+	+	+	+				+			+		+		+			+			+	
Fabaceae	*Senna glutinosa* subsp. *pruinosa*													+					+	+					
Fabaceae	*Senna glutinosa* subsp. *x luerssenii*																							+	
Fabaceae	*Senna notabilis*						+	+				+						+	+		+	+		+	+
Fabaceae	*Senna symonii*																		+						
Fabaceae	*Senna venusta*																								
Fabaceae	*Sesbania cannabina*					+																			
Fabaceae	*Sesbania formosa*																								
Fabaceae	*Swainsona decurrens*																								
Fabaceae	*Swainsona formosa*																								
Fabaceae	*Swainsona* ? *formosa*																								
Fabaceae	*Swainsona* sp. 1																								
Fabaceae	*Swainsona* sp. 2																								
Fabaceae	*Swainsona stenodonta*																								
Fabaceae	*Templetonia hookeri*																								
Fabaceae	*Tephrosia clementii*																								+
Fabaceae	*Tephrosia densa*																								
Fabaceae	*Tephrosia leptoclada*																								
Fabaceae	*Tephrosia rosea*			+	+																				
Fabaceae	*Tephrosia rosea* var. *clementii*																								
Fabaceae	*Tephrosia rosea* ?var. *clementii*											+			+		+								
Fabaceae	? *Tephrosia* sp.	+																							
Fabaceae	*Tephrosia* sp. 1																								
Fabaceae	*Tephrosia* sp. 2																								
Fabaceae	*Tephrosia* sp. B Kimberley Flora (C.A. Gardner 7300)																								
Fabaceae	*Tephrosia* sp. Bungaroo Creek (M.E. Trudgen 11601)																								
Fabaceae	*Tephrosia* sp. clay soils (S. van Leeuwen et al. PBS 0273)																								
Fabaceae	*Tephrosia* sp. D Kimberley Flora (R.D. Royce 1848)												+												
Fabaceae	*Tephrosia* sp. Newman (A.A. Mitchell PRP 29)																								

Family	Taxa	024B	025	026	027	028	029	030	031	032	033	034	035	036	037	038	039	040	041	042	046	047	048	049	050
Fabaceae	*Tephrosia* sp. *NW Eremaean (S. van Leeuwen et al. PBS 0356)*																					+			
Fabaceae	*Tephrosia supina*																								
Fabaceae	*Tephrosia* ? *supina*																								
Fabaceae	*Tephrosia virens*																								
Fabaceae	*Tephrosia* ? *virens*																								
Fabaceae	* *Vachellia farnesiana* var. *farnesiana*																						+		+
Fabaceae	*Vigna lanceolata* var. *lanceolata*	+													+										
Fabaceae	*Vigna* sp. Hamersley Clay (A.A. Mitchell PRP 113)					+																			
Fabaceae	*Zornia albiflora*																								
Goodeniaceae	*Dampiera candicans*															+	+		+	+					
Goodeniaceae	*Dampiera* sp.																								
Goodeniaceae	*Goodenia armitiana*																								
Goodeniaceae	*Goodenia cusackiana*																								
Goodeniaceae	*Goodenia* ? *cusackiana*																								
Goodeniaceae	*Goodenia lamprosperma*																								
Goodeniaceae	*Goodenia microptera*						+	+																	
Goodeniaceae	*Goodenia muelleriana*																								
Goodeniaceae	*Goodenia* ? *muelleriana*							+																	
Goodeniaceae	*Goodenia nuda*																								
Goodeniaceae	*Goodenia scaevolina*																								
Goodeniaceae	*Goodenia* sp. 1																								
Goodeniaceae	*Goodenia* sp. 2																								
Goodeniaceae	*Goodenia stobbsiana*																+								
Goodeniaceae	*Goodeniaceae* sp.																								
Goodeniaceae	*Scaevola amblyanthera* var. *centralis*																								
Goodeniaceae	*Scaevola* ? *amblyanthera* var. *centralis*																								
Goodeniaceae	*Scaevola browniana* subsp. *browniana*																								
Goodeniaceae	*Scaevola parvifolia*																								
Goodeniaceae	*Scaevola* sp.																								
Gyrostemonaceae	*Codonocarpus cotinifolius*															+									
Haloragaceae	*Gonocarpus ephemerus*																								
Haloragaceae	*Haloragis* ? *gossei*																								
Haloragaceae	*Haloragis gossei* var. *gossei*																								
Haloragaceae	*Haloragis gossei* ?var. *gossei*																								
Haloragaceae	*Haloragis* sp. 1																								
Haloragaceae	*Haloragis* sp. 2																								
Lamiaceae	*Basilicum polystachyon*																								
Lamiaceae	*Clerodendrum floribundum* var. *angustifolium*																								

Family	Taxa	024B	025	026	027	028	029	030	031	032	033	034	035	036	037	038	039	040	041	042	046	047	048	049	050
Lamiaceae	*Clerodendrum floribundum* var. ?*angustifolium*																								
Lamiaceae	*Clerodendrum tomentosum* var. *lanceolatum*																								
Lamiaceae	*Clerodendrum tomentosum* var. *tomentosum*																								
Lamiaceae	*Quoya zonalis* **(T)**																								
Lauraceae	*Cassytha capillaris*			+	+													+				+			
Lauraceae	*Cassytha filiformis*																								
Lauraceae	*Cassytha* sp. 1																								
Lauraceae	*Cassytha* sp. 2																								
Lauraceae	*Cassytha* sp. 3																								
Loganiaceae	*Mitrasacme connata*																								
Loranthaceae	*Lysiana casuarinae*																								
Lythraceae	*Ammannia baccifera*																								
Lythraceae	*Ammannia multiflora*																								
Lythraceae	*Ammannia* sp. 1																								
Lythraceae	*Ammannia* sp. 2																								
Lythraceae	*Ammannia* sp. 3																								
Lythraceae	*Ammannia* sp. 4																								
Malvaceae	*Abutilon fraseri* subsp. *fraseri*																								
Malvaceae	*Abutilon lepidum*																							+	
Malvaceae	*Abutilon* ?*leucopetalum*																								
Malvaceae	*Abutilon macrum*																								
Malvaceae	*Abutilon* sp. 1																								
Malvaceae	*Abutilon* sp. 2																								
Malvaceae	*Abutilon* sp. 3																								
Malvaceae	*Abutilon* sp. Dioicum (A.A. Mitchell PRP 1618)																		+			+			
Malvaceae	*Abutilon* sp. Pilbara (W.R. Barker 2025)																								
Malvaceae	*Brachychiton acuminatus*										+														
Malvaceae	*Corchorus incanus*																								
Malvaceae	*Corchorus* ?*incanus*																								
Malvaceae	*Corchorus incanus* subsp. *incanus*																								
Malvaceae	*Corchorus* ?*incanus* subsp. *incanus*																								
Malvaceae	*Corchorus laniflorus*											+		+			+	+	+	+					
Malvaceae	*Corchorus lasiocarpus* subsp. *lasiocarpus*																								
Malvaceae	*Corchorus parviflorus*	+	+	+	+	+	+	+		+	+	+	+	+	+		+	+	+	+		+		+	+
Malvaceae	*Corchorus* ?*parviflorus*																								
Malvaceae	*Corchorus* sp. 1																								
Malvaceae	*Corchorus* sp. 2																								
Malvaceae	*Corchorus tridens*																								

Family	Taxa	024B	025	026	027	028	029	030	031	032	033	034	035	036	037	038	039	040	041	042	046	047	048	049	050
Malvaceae	*Corchorus trilocularis*																								
Malvaceae	*Corchorus walcottii*																								
Malvaceae	*Gossypium australe*	+									+	+					+								
Malvaceae	*Gossypium robinsonii*											+													
Malvaceae	*Hibiscus austrinus* var. *austrinus*																								
Malvaceae	*Hibiscus brachychlaenus*																								
Malvaceae	*Hibiscus burtonii*																								
Malvaceae	*Hibiscus coatesii*									+															
Malvaceae	*Hibiscus goldsworthii*																								
Malvaceae	*Hibiscus leptocladus*																			+					
Malvaceae	*Hibiscus sturtii*																								
Malvaceae	*Hibiscus* ? *sturtii*																								
Malvaceae	? *Hibiscus sturtii*																								
Malvaceae	*Hibiscus sturtii* var. *campylochlamys*																								
Malvaceae	*Hibiscus sturtii* var. *platychlamys*																								
Malvaceae	MALVACEAE sp. 1																								
Malvaceae	MALVACEAE sp. 2										+														
Malvaceae	MALVACEAE sp. 3																								
Malvaceae	* *Malvastrum americanum*					+																			
Malvaceae	*Melhania oblongifolia*																	+							
Malvaceae	*Seringia nephrosperma*																								
Malvaceae	*Sida arenicola*																								
Malvaceae	*Sida arsiniata*																								
Malvaceae	*Sida cardiophylla*																								
Malvaceae	*Sida clementii*																								
Malvaceae	*Sida echinocarpa*																							+	
Malvaceae	*Sida* ? *echinocarpa*							+																	
Malvaceae	*Sida fibulifera*											+													+
Malvaceae	*Sida* ? *fibulifera*																								
Malvaceae	*Sida macropoda*																								
Malvaceae	*Sida* ? *macropoda*																								
Malvaceae	*Sida platycalyx*																								
Malvaceae	*Sida rohlenae* subsp. *rohlenae*																								+
Malvaceae	*Sida* sp. 1																								
Malvaceae	*Sida* sp. 2																								
Malvaceae	*Sida* sp. 3																								
Malvaceae	*Sida* sp. articulation below (A.A. Mitchell PRP 1605)			+	+																				
Malvaceae	*Sida* sp. Excedentifolia (J.L. Egan 1925)																								
Malvaceae	*Sida* sp. Pilbara (A.A. Mitchell PRP 1543)																		+					+	

Family	Taxa	024B	025	026	027	028	029	030	031	032	033	034	035	036	037	038	039	040	041	042	046	047	048	049	050
Malvaceae	*Sida* sp. spiciform panicles (E. Leyland s.n. 14/8/90)																								
Malvaceae	*Sida spinosa*																								
Malvaceae	*Triumfetta appendiculata*					+						+			+										
Malvaceae	*Triumfetta* ? *appendiculata*																								
Malvaceae	*Triumfetta chaetocarpa*																								
Malvaceae	*Triumfetta clementii*																								
Malvaceae	*Triumfetta johnstonii*																								
Malvaceae	*Triumfetta leptacantha*																								
Malvaceae	*Triumfetta maconochieana*			+	+					+	+														
Malvaceae	*Triumfetta propinqua*																								
Malvaceae	*Triumfetta ramosa*																								
Malvaceae	*Triumfetta* sp. 1																								
Malvaceae	*Triumfetta* sp. 2																								
Malvaceae	*Waltheria indica*																								
Malvaceae	*Waltheria virgata*																								
Marsileaceae	*Marsilea exarata*																								
Marsileaceae	*Marsilea hirsuta*																								
Marsileaceae	*Marsilea* sp. 1					+																			
Marsileaceae	*Marsilea* sp. 2																								
Menispermaceae	*Tinospora smilacina*			+				+	+	+															
Molluginaceae	*Hypertelis cerviana*																								
Molluginaceae	*Trigastrotheca molluginea*		+				+	+				+		+			+								
Montiaceae	*Calandrinia ptychosperma*																								
Montiaceae	*Calandrinia* ? *pumila*																								
Montiaceae	*Calandrinia* ? *stagnensis*																								
Montiaceae	*Calandrinia tepperiana*																								
Moraceae	*Ficus aculeata* var. *indecora*								+																
Moraceae	*Ficus brachypoda*			+	+																				
Myrtaceae	*Corymbia candida* subsp. *candida*																								
Myrtaceae	*Corymbia* ? *candida* subsp. *candida*																								
Myrtaceae	*Corymbia flavescens*																								
Myrtaceae	*Corymbia hamersleyana*											+					+			+					
Myrtaceae	*Corymbia* ? *hamersleyana*																								
Myrtaceae	? *Corymbia hamersleyana*						+		+	+	+											+	+		
Myrtaceae	? *Corymbia* sp.																								
Myrtaceae	*Corymbia* sp. 1																								
Myrtaceae	*Corymbia* sp. 2																								
Myrtaceae	*Corymbia* sp. 3																								
Myrtaceae	*Eucalyptus camaldulensis*																								
Myrtaceae	*Eucalyptus* ? *camaldulensis*																								

Family	Taxa	024B	025	026	027	028	029	030	031	032	033	034	035	036	037	038	039	040	041	042	046	047	048	049	050
Myrtaceae	*Eucalyptus camaldulensis* subsp. *refulgens*																								
Myrtaceae	*Eucalyptus camaldulensis* ?subsp. *refulgens*																								
Myrtaceae	*Eucalyptus leucophloia*																								
Myrtaceae	*Eucalyptus leucophloia* subsp. *leucophloia*				+																				
Myrtaceae	*Eucalyptus* ? *leucophloia* subsp. *leucophloia*																								
Myrtaceae	*Eucalyptus* sp. 1																								
Myrtaceae	*Eucalyptus* sp. 2																								
Myrtaceae	*Eucalyptus victrix*			+		+									+			+							
Myrtaceae	*Melaleuca argentea*																								
Myrtaceae	*Melaleuca bracteata*																								
Myrtaceae	*Melaleuca glomerata*			+	+	+																			
Myrtaceae	*Melaleuca* ? *glomerata*																								
Myrtaceae	*Melaleuca linophylla*					+									+			+							
Myrtaceae	*Melaleuca* ? *linophylla*																								
Nyctaginaceae	*Boerhavia burbidgeana*											+	+	+	+			+							
Nyctaginaceae	*Boerhavia coccinea*					+	+	+													+	+	+	+	+
Nyctaginaceae	*Boerhavia* ? *coccinea*																								
Nyctaginaceae	*Boerhavia gardneri*																								
Nyctaginaceae	*Boerhavia* sp.																								
Oleaceae	*Jasminum didymum* subsp. *lineare*																								
Onagraceae	*Ludwigia perennis*																								
Papaveraceae	**Argemone ochroleuca* subsp. *ochroleuca*																								
Pedaliaceae	*Josephinia eugeniae*																								
Pedaliaceae	*Josephinia* sp. Mt Edgar Station (N.T. Burbidge 1194)																								
Phyllanthaceae	*Cathetus* sp.																								
Phyllanthaceae	*Cathetus virgatus*																								
Phyllanthaceae	*Flueggea virosa* subsp. *melanthesoides*					+									+			+							
Phyllanthaceae	*Kirganelia baccata*																								
Phyllanthaceae	*Nellica maderaspatensis*							+										+							
Phyllanthaceae	*Notoleptopus decaisnei*						+	+				+													
Phyllanthaceae	*Phyllanthus hebecarpus* **(P3)**																								
Pittosporaceae	*Pittosporum angustifolium*																								
Plantaginaceae	*Stemodia grossa*	+	+	+	+	+	+								+			+				+			
Plantaginaceae	*Stemodia kingii*																								
Plantaginaceae	*Stemodia viscosa*																								
Poaceae	*Aristida burbidgeae*									+	+														
Poaceae	*Aristida contorta*																								
Poaceae	?*Aristida contorta*																								
Poaceae	*Aristida holathera* var. *holathera*																								
Poaceae	*Aristida inaequiglumis*																								

Family	Taxa	024B	025	026	027	028	029	030	031	032	033	034	035	036	037	038	039	040	041	042	046	047	048	049	050
Poaceae	*Cenchrus ciliaris					+		+	+	+	+				+		+	+			+	+	+	+	+
Poaceae	*Cenchrus setiger																+	+					+		
Poaceae	*Cenchrus* sp.																								
Poaceae	*Chloris barbata																								
Poaceae	*Chloris pumilio*																								
Poaceae	*Chloris virgata																								
Poaceae	*Chrysopogon fallax*											+													
Poaceae	*Cymbopogon ambiguus*			+					+	+	+	+			+		+	+	+	+					
Poaceae	*Cymbopogon obtectus*																								
Poaceae	*Cymbopogon procerus*																								
Poaceae	*Cynodon convergens*																								
Poaceae	*Cynodon dactylon																								
Poaceae	*Cynodon prostratus*																								
Poaceae	*Dactyloctenium radulans*																								
Poaceae	*Dichanthium fecundum*																								
Poaceae	*Dichanthium sericeum* subsp. *humilius*																								
Poaceae	*Digitaria brownii*																								
Poaceae	*Digitaria ctenantha*																								
Poaceae	*Diplachne fusca* subsp. *fusca*																								
Poaceae	*Echinochloa colona																								
Poaceae	*Enneapogon caerulescens*																							+	
Poaceae	*Enneapogon ? caerulescens*																								
Poaceae	*Enneapogon lindleyanus*														+										
Poaceae	*Enneapogon polyphyllus*							+																	
Poaceae	*Enneapogon* sp.																								
Poaceae	*Eragrostis crateriformis* **(P3)**																								
Poaceae	*Eragrostis cumingii*																								
Poaceae	*Eragrostis desertorum*																								
Poaceae	*Eragrostis dielsii*																								
Poaceae	*Eragrostis eriopoda*																								
Poaceae	*Eragrostis exigua*																								
Poaceae	*Eragrostis minor*																								
Poaceae	*Eragrostis olida*																								
Poaceae	*Eragrostis* sp. 1																								
Poaceae	*Eragrostis* sp. 2																								
Poaceae	*Eragrostis tenellula*																								
Poaceae	*Eragrostis ? tenellula*																								
Poaceae	*Eriachne aristidea*																								
Poaceae	*Eriachne benthamii*																								
Poaceae	*Eriachne ciliata*																							+	
Poaceae	*Eriachne flaccida*																								

Family	Taxa	024B	025	026	027	028	029	030	031	032	033	034	035	036	037	038	039	040	041	042	046	047	048	049	050
Poaceae	*Eriachne helmsii*										+														
Poaceae	*Eriachne melicacea*																								
Poaceae	*Eriachne mucronata*			+	+							+					+	+	+	+					
Poaceae	*Eriachne obtusa*																								
Poaceae	*Eriachne pulchella*																								
Poaceae	*Eriachne pulchella* subsp. *dominii*																								
Poaceae	*Eriachne pulchella* subsp. *pulchella*																								
Poaceae	*Eriachne* sp. 1																								
Poaceae	*Eriachne* sp. 2																								
Poaceae	*Eriachne* sp. 3																								
Poaceae	*Eriachne* sp. 4																								
Poaceae	*Eriachne* sp. Dugald River (B.K. Simon+ 3007)																								
Poaceae	*Eriachne tenuiculmis*					+									+							+	+		+
Poaceae	*Eulalia aurea*																								
Poaceae	*Iseilema dolichotrichum*																								+
Poaceae	*Iseilema membranaceum*					+					+														
Poaceae	*Panicum australiense*																								
Poaceae	*Panicum australiense* var. *australiense*																								
Poaceae	*Paraneurachne muelleri*		+					+									+								
Poaceae	*Paspalidium basicladum*																								
Poaceae	*Paspalidium clementii*																								
Poaceae	*Paspalidium jubiflorum*																								
Poaceae	*Paspalidium rarum*																								
Poaceae	*Perotis rara*																								
Poaceae	POACEAE sp. 1																								
Poaceae	POACEAE sp. 2						+																		
Poaceae	POACEAE sp. 3																								
Poaceae	*Schizachyrium fragile*																								
Poaceae	**Setaria verticillata*																								
Poaceae	*Sporobolus actinocladus*																								
Poaceae	*Sporobolus australasicus*							+													+	+			+
Poaceae	*Sporobolus ramigerus*																								
Poaceae	*Themeda triandra*														+		+	+							
Poaceae	*Themeda ? triandra*																								
Poaceae	*Triodia angusta*																								
Poaceae	*Triodia ? angusta*																								
Poaceae	*Triodia brizoides*												+	+		+	+	+							
Poaceae	*Triodia ? brizoides*																								
Poaceae	*Triodia epactia*	+		+	+	+		+	+	+		+	+		+		+	+		+	+			+	
Poaceae	*Triodia ? epactia*																								
Poaceae	*Triodia lanigera*																								

Family	Taxa	024B	025	026	027	028	029	030	031	032	033	034	035	036	037	038	039	040	041	042	046	047	048	049	050
Poaceae	*Triodia longiceps*	+	+			+	+								+			+				+	+		+
Poaceae	*Triodia secunda*																								
Poaceae	*Triodia wiseana*	+				+					+								+	+		+	+		+
Poaceae	*Triodia ? wiseana*							+																	
Poaceae	*Tripogonella loliiformis*																								
Poaceae	*Whiteochloa cymbiformis*																								
Polygalaceae	*Polygala glaucifolia*																								
Polygalaceae	*Polygala isingii*																								
Polygalaceae	*Polygala* sp.																								
Portulacaceae	*Portulaca filifolia*																								
Portulacaceae	*Portulaca oleracea*																								
Potamogetonaceae	*Potamogeton tepperi*																								
Proteaceae	*Grevillea pyramidalis* subsp. *leucadendron*	+	+				+	+	+	+		+	+			+					+				
Proteaceae	*Grevillea wickhamii*																				+			+	
Proteaceae	*Grevillea wickhamii* subsp. *aprica*											+					+								
Proteaceae	*Grevillea wickhamii* subsp. *hispidula*			+	+																				
Proteaceae	*Hakea lorea* subsp. *lorea*							+								+			+						
Pteridaceae	*Cheilanthes sieberi* subsp. *Sieberi*																								
Pteridaceae	*Cheilanthes* sp.																								
Rubiaceae	*Dolichocarpa crouchiana*																								
Rubiaceae	*Synaptantha tillaeacea* var. *tillaeacea*																								
Sapindaceae	*Atalaya hemiglauca*			+		+									+			+		+			+		
Sapindaceae	*Dodonaea coriacea*																								
Scrophulariaceae	*Eremophila latrobei* subsp. *glabra*																								
Scrophulariaceae	*Eremophila latrobei* ?subsp. *glabra*																								
Scrophulariaceae	*Eremophila latrobei* subsp. *latrobei*																								
Scrophulariaceae	*Eremophila longifolia*																								
Solanaceae	*Nicotiana benthamiana*																								
Solanaceae	*Nicotiana bilybara*																								
Solanaceae	*Nicotiana occidentalis*																								
Solanaceae	**Physalis angulata*																								
Solanaceae	*Solanum ? centrale*																								
Solanaceae	*Solanum cleistogamum*		+																						
Solanaceae	*Solanum diversiflorum*																								
Solanaceae	*Solanum gabrielae*																								
Solanaceae	*Solanum horridum*																	+							
Solanaceae	*Solanum lasiophyllum*													+											
Solanaceae	*Solanum lucani*			+	+																				
Solanaceae	**Solanum nigrum*																								
Solanaceae	*Solanum phlomoides*					+					+											+			
Solanaceae	*Solanum ? phlomoides*											+													

Family	Taxa	024B	025	026	027	028	029	030	031	032	033	034	035	036	037	038	039	040	041	042	046	047	048	049	050
Solanaceae	*Solanum* sp.																								
Stylidiaceae	*Stylidium desertorum*																								
Typhaceae	*Typha domingensis*																								
Violaceae	*Afrohybanthus aurantiacus*					+		+				+					+			+					
Violaceae	*Afrohybanthus ?aurantiacus*																								
Violaceae	*?Afrohybanthus* sp.																								
Zygophyllaceae	*Tribulus hirsutus*						+	+																	
Zygophyllaceae	*Tribulus occidentalis*																								
Zygophyllaceae	*Tribulus platypterus*																								
Zygophyllaceae	*Tribulus ?platypterus*																								
Zygophyllaceae	*Tribulus suberosus*									+									+						

Sites 051-075

Family	Taxa	051	052	053	054	055	056	057	058	059	060	061	063	064	065	066	067	068	069	070	071	072	073	074	075
Acanthaceae	*Rostellularia adscendens* var. *clementii*																								
Aizoaceae	*Trianthema pilosum*																						+		
Aizoaceae	**Trianthema portulacastrum*																								
Aizoaceae	*Trianthema triquetrum*													+											
Aizoaceae	*Trianthema turgidifolium*																								
Aizoaceae	*Zaleya galericulata* subsp. *galericulata*																								
Amaranthaceae	*Achyranthes aspera*																								
Amaranthaceae	**Aerva javanica*						+											+				+			+
Amaranthaceae	*Alternanthera denticulata*			+																					
Amaranthaceae	*Alternanthera denticulata* var. *denticulata*																								
Amaranthaceae	*Alternanthera nana*																								
Amaranthaceae	*Amaranthus cuspidifolius*																								
Amaranthaceae	*Amaranthus undulatus*		+	+			+				+				+						+				
Amaranthaceae	*Gomphrena canescens*																								
Amaranthaceae	*Gomphrena cunninghamii*														+								+		
Amaranthaceae	*Gomphrena kanisii*																								
Amaranthaceae	*Gomphrena lanata*																								
Amaranthaceae	*Gomphrena leptoclada* subsp. *leptoclada*																								
Amaranthaceae	*Ptilotus astrolasius*				+																				
Amaranthaceae	*Ptilotus auriculifolius*																								
Amaranthaceae	*Ptilotus axillaris*																								
Amaranthaceae	*Ptilotus calostachyus*	+																		+					
Amaranthaceae	*Ptilotus clementii*																								
Amaranthaceae	*Ptilotus exaltatus*				+																				
Amaranthaceae	*Ptilotus fusiformis*																								
Amaranthaceae	*Ptilotus gomphrenoides*																								
Amaranthaceae	*Ptilotus incanus*																							+	
Amaranthaceae	*Ptilotus mollis* **(P4)**																								
Amaranthaceae	*Ptilotus obovatus*																								
Amaranthaceae	*Ptilotus* sp.																								
Amaranthaceae	*?Ptilotus* sp.																								
Apocynaceae	**Calotropis procera*			+			+				+										+	+			
Apocynaceae	*Carissa lanceolata*																								
Apocynaceae	*Cynanchum floribundum*																				+				
Apocynaceae	*Cynanchum viminale* subsp. *australe*																								
Apocynaceae	*Gymnanthera cunninghamii* **(P3)**																								
Apocynaceae	*Gymnema erectum*																								
Apocynaceae	*Vincetoxicum flexuosum*																								
Araliaceae	*Trachymene oleracea*																								

Family	Taxa	051	052	053	054	055	056	057	058	059	060	061	063	064	065	066	067	068	069	070	071	072	073	074	075
Araliaceae	*Trachymene oleracea* subsp. *oleracea*																								
Araliaceae	*Trachymene pilbarensis*																								
Asteraceae	*Blumea tenella*																								
Asteraceae	*Centipeda minima* subsp. *macrocephala*																								
Asteraceae	*Chrysocephalum apiculatum* subsp. *pilbarense*																								
Asteraceae	*Chrysocephalum* sp.																								
Asteraceae	**Flaveria trinervia*																								
Asteraceae	*Olearia fluvialis*					+	+																		
Asteraceae	*Pentalepis trichodesmoides* subsp. *trichodesmoides*																	+							
Asteraceae	*Pluchea dentex*																								
Asteraceae	*Pluchea ferdinandi-muelleri*			+				+	+				+	+	+	+						+			
Asteraceae	*Pluchea rubelliflora*		+	+			+				+														
Asteraceae	*?Pluchea rubelliflora*					+	+																		
Asteraceae	*Pluchea tetranthera*	+											+	+		+			+	+	+	+	+		+
Asteraceae	*Pterocaulon serrulatum* var. *velutinum*	+																							
Asteraceae	*Pterocaulon sphacelatum*							+																	
Asteraceae	**Sonchus oleraceus*																								
Asteraceae	*Streptoglossa ?bubakii*																								
Asteraceae	*Streptoglossa decurrens*																								
Asteraceae	*Streptoglossa ?decurrens*																								
Asteraceae	*Vittadinia dissecta* var. *hirta*																								
Bixaceae	*Cochlospermum macnamarae* **(P1)**																								
Boraginaceae	*Ehretia saligna* var. *saligna*																								
Boraginaceae	*Euploca chrysocarpa*	+																							
Boraginaceae	*Euploca ?chrysocarpa*																								
Boraginaceae	*Euploca conocarpa*																								
Boraginaceae	*Euploca cunninghamii*																				+				
Boraginaceae	*Euploca ?cunninghamii*																								
Boraginaceae	*Euploca heterantha*																								
Boraginaceae	*Euploca pachyphylla*																								
Boraginaceae	*Euploca ?pachyphylla*																								
Boraginaceae	*Euploca skeleton*																								
Boraginaceae	*Euploca tanythrix*																								
Boraginaceae	*Euploca tenuifolia*																								
Boraginaceae	*Heliotropium crispatum*																								
Boraginaceae	*Heliotropium murinum* **(P3)**																								
Boraginaceae	*Heliotropium ?murinum* **(P3)**																								
Boraginaceae	*Heliotropium* sp. 1																								
Boraginaceae	*Heliotropium* sp. 2																								

Family	Taxa	051	052	053	054	055	056	057	058	059	060	061	063	064	065	066	067	068	069	070	071	072	073	074	075
Boraginaceae	*Trichodesma zeylanicum*																								
Boraginaceae	*Trichodesma zeylanicum* var. *zeylanicum*																								
Brassicaceae	*Lepidium pedicellosum*																								
Byblidaceae	*Byblis pilbarana*																								
Campanulaceae	*Wahlenbergia tumidifructa*																				+				
Capparaceae	*Capparis spinosa* subsp. *nummularia*																								
Caryophyllaceae	*Polycarpaea corymbosa* var. *corymbosa*																								
Caryophyllaceae	*Polycarpaea holtzei*																								
Caryophyllaceae	*Polycarpaea longiflora*																								
Celastraceae	*Stackhousia intermedia*																								
Celastraceae	*Stackhousia ?intermedia*																								
Celastraceae	*Stackhousia muricata*																								
Chenopodiaceae	*Dysphania kalpari*																								
Chenopodiaceae	*Dysphania plantaginella*						+																		
Chenopodiaceae	*Dysphania rhadinostachya*																								
Chenopodiaceae	*Dysphania rhadinostachya* subsp. *inflata*																								
Chenopodiaceae	*Dysphania rhadinostachya* subsp. *rhadinostachya*																								
Chenopodiaceae	*Dysphania* sp.																								
Chenopodiaceae	?*Dysphania* sp.																								
Chenopodiaceae	*Dysphania sphaerosperma*																								
Chenopodiaceae	*Sclerolaena costata*																								
Chenopodiaceae	*Sclerolaena densiflora*																								
Chenopodiaceae	*Sclerolaena hostilis*																								
Cleomaceae	*Arivela viscosa*		+	+	+	+	+				+										+			+	
Combretaceae	*Terminalia circumalata*																								
Combretaceae	*Terminalia* sp.																								
Combretaceae	?*Terminalia* sp. 1																								
Combretaceae	?*Terminalia* sp. 2																								
Combretaceae	?*Terminalia* sp. 3																								
Combretaceae	?*Terminalia* sp. 4																								
Commelinaceae	*Commelina ensifolia*										+			+											
Convolvulaceae	*Bonamia alatisemina*																								
Convolvulaceae	*Bonamia ?alatisemina*															+				+					
Convolvulaceae	*Bonamia erecta*											+				+	+						+		+
Convolvulaceae	*Bonamia linearis*												+												
Convolvulaceae	*Bonamia media*																				+				
Convolvulaceae	*Bonamia ?media*																								
Convolvulaceae	*Bonamia pannosa*																								
Convolvulaceae	*Bonamia pilbarensis*												+								+		+	+	+
Convolvulaceae	*Bonamia ?pilbarensis*																								

Family	Taxa	051	052	053	054	055	056	057	058	059	060	061	063	064	065	066	067	068	069	070	071	072	073	074	075
Convolvulaceae	*Bonamia* sp. 1																								
Convolvulaceae	*Bonamia* sp. 2																			+					
Convolvulaceae	*Evolvulus alsinoides*																								
Convolvulaceae	*Evolvulus alsinoides* var. *villosicalyx*							+				+			+								+		
Convolvulaceae	*Ipomoea coptica*												+												
Convolvulaceae	*Ipomoea lonchophylla*																								
Convolvulaceae	*Ipomoea muelleri*		+	+		+	+	+			+		+	+					+		+				
Convolvulaceae	*Ipomoea polymorpha*																								
Convolvulaceae	*Operculina aequisepala*			+																					
Convolvulaceae	*Polymeria ambigua*																								
Convolvulaceae	*Polymeria calycina*																								
Convolvulaceae	*Polymeria lanata*																								
Convolvulaceae	*Polymeria mollis*	+						+																	
Convolvulaceae	*Polymeria* ? *mollis*																								
Cucurbitaceae	*Austrobryonia pilbarensis*																								
Cucurbitaceae	**Citrullus colocynthis*																								
Cucurbitaceae	*Cucumis melo*																								
Cucurbitaceae	**Cucumis myriocarpus* subsp. *myriocarpus*																								
Cucurbitaceae	*Cucumis* sp. Chichester Range (A.A. Mitchell et al. AAM 10691)																								
Cucurbitaceae	*Cucumis variabilis*							+			+				+						+	+	+		
Cucurbitaceae	*Trichosanthes cucumerina* var. *cucumerina*																								
Cyperaceae	*Bulbostylis barbata*					+					+			+							+		+		
Cyperaceae	*Bulbostylis burbidgeae* **(P4)**																								
Cyperaceae	*Bulbostylis turbinata*																								
Cyperaceae	*Cyperus bifax*		+	+											+										
Cyperaceae	*Cyperus bulbosus*																								
Cyperaceae	*Cyperus cunninghamii* subsp. *cunninghamii*					+					+		+											+	
Cyperaceae	*Cyperus dactylotes*										+										+				
Cyperaceae	*Cyperus difformis*																								
Cyperaceae	*Cyperus hesperius*																								
Cyperaceae	*Cyperus ixiocarpus*																								
Cyperaceae	*Cyperus microcephalus* subsp. *microcephalus*																								
Cyperaceae	*Cyperus* sp. 1																				+				
Cyperaceae	*Cyperus* sp. 2																								
Cyperaceae	*Cyperus squarrosus*		+	+		+	+																		
Cyperaceae	*Cyperus vaginatus*					+	+																		
Cyperaceae	*Fimbristylis dichotoma*																	+					+		
Cyperaceae	*Fimbristylis elegans*		+			+																			
Cyperaceae	*Fimbristylis simulans*																								
Cyperaceae	*Fimbristylis* sp.																								

Family	Taxa	051	052	053	054	055	056	057	058	059	060	061	063	064	065	066	067	068	069	070	071	072	073	074	075
Cyperaceae	*Fuirena ciliaris*																								
Elatinaceae	*Bergia pedicellaris*																								
Euphorbiaceae	*Adriana tomentosa*																								
Euphorbiaceae	*Adriana tomentosa* var. *tomentosa*																								
Euphorbiaceae	*Adriana tomentosa* ?var. *tomentosa*																				+				
Euphorbiaceae	*Euphorbia* ? *australis*																								
Euphorbiaceae	*Euphorbia australis* var. *subtomentosa*		+					+			+		+								+				
Euphorbiaceae	*Euphorbia biconvexa*																				+				
Euphorbiaceae	*Euphorbia boophthona*																								
Euphorbiaceae	*Euphorbia careyi*																								
Euphorbiaceae	*Euphorbia coghlanii*		+	+			+														+				
Euphorbiaceae	*Euphorbia inappendiculata* var. *inappendiculata* **(P3)**																								
Euphorbiaceae	*Euphorbia* sp. 1																								
Euphorbiaceae	*Euphorbia* sp. 2																								
Euphorbiaceae	*Euphorbia tannensis* subsp. *eremophila*																								
Euphorbiaceae	*Euphorbia* ? *tannensis* subsp. *eremophila*																								
Euphorbiaceae	*Euphorbia trigonosperma*																								
Euphorbiaceae	*Mallotus nesophilus*																								
Fabaceae	*Acacia acradenia*									+															
Fabaceae	*Acacia adoxa* var. *adoxa*																								
Fabaceae	*Acacia adsurgens*																								
Fabaceae	*Acacia ampliceps*		+			+	+				+										+				
Fabaceae	*Acacia ampliceps x sclerosperma* subsp. *sclerosperma*								+																
Fabaceae	*Acacia ancistrocarpa*	+								+		+				+	+	+	+						+
Fabaceae	*Acacia aptaneura*																								
Fabaceae	*Acacia arida*																								
Fabaceae	*Acacia bivenosa*	+								+															+
Fabaceae	*Acacia* ? *bivenosa*																								
Fabaceae	*Acacia colei*							+																	
Fabaceae	*Acacia colei* var. *colei*																								
Fabaceae	*Acacia colei* ?var. *colei*																								
Fabaceae	*Acacia coriacea* subsp. *pendens*																				+				
Fabaceae	*Acacia elachantha*																								
Fabaceae	*Acacia eriopoda*																								
Fabaceae	*Acacia eriopoda x trachycarpa*																								
Fabaceae	*Acacia hilliana*																								
Fabaceae	*Acacia holosericea*																								
Fabaceae	*Acacia inaequilatera*	+		+		+		+	+			+	+		+	+	+	+	+	+		+	+		+
Fabaceae	*Acacia levata* **(P3)**																								

Family	Taxa	051	052	053	054	055	056	057	058	059	060	061	063	064	065	066	067	068	069	070	071	072	073	074	075
Fabaceae	*Acacia maitlandii*																								
Fabaceae	*Acacia monticola*																								
Fabaceae	*Acacia orthocarpa*																						+		+
Fabaceae	*Acacia pruinocarpa*																								
Fabaceae	*Acacia ptychophylla*																								
Fabaceae	*Acacia pyrifolia*																								
Fabaceae	*Acacia pyrifolia* var. *morrisonii*																								
Fabaceae	*Acacia pyrifolia* var. *pyrifolia*																		+		+				
Fabaceae	*Acacia retivenea* subsp. *clandestina*																								
Fabaceae	*Acacia sericophylla*		+	+		+					+											+			
Fabaceae	*Acacia sibirica*																								
Fabaceae	*Acacia* sp. 1																								
Fabaceae	*Acacia* sp. 2																								
Fabaceae	*Acacia* sp. 3																								
Fabaceae	*Acacia* sp. 4																								
Fabaceae	*Acacia* sp. 5																								
Fabaceae	*Acacia* sp. 6																								
Fabaceae	*Acacia* sp. 7																								
Fabaceae	*Acacia* sp. 8																								
Fabaceae	*Acacia* sp. 9																								
Fabaceae	*Acacia sphaerostachya*																								
Fabaceae	*Acacia spondylophylla*																								
Fabaceae	*Acacia stellaticeps*																								
Fabaceae	*Acacia synchronicia*	+																							
Fabaceae	*Acacia trachycarpa*		+	+		+	+				+	+	+		+				+		+	+	+		
Fabaceae	*Acacia trachycarpa x tumida* var. *pilbarensis*																								
Fabaceae	*Acacia tumida* var. *pilbarensis*																								
Fabaceae	*Acacia victoriae* subsp. *victoriae*																								
Fabaceae	*Alysicarpus muelleri*																								
Fabaceae	*Cajanus cinereus*																								
Fabaceae	*Cajanus* ? *cinereus*																								
Fabaceae	*Cajanus pubescens*																								
Fabaceae	*Cajanus* sp. 1																								
Fabaceae	*Cajanus* sp. 2																								
Fabaceae	*Cajanus* sp. 3																								
Fabaceae	*Crotalaria cunninghamii* subsp. *sturtii*										+														
Fabaceae	*Crotalaria* ? *cunninghamii* subsp. *sturtii*																								
Fabaceae	*Crotalaria medicaginea* var. *neglecta*																								
Fabaceae	*Crotalaria novae-hollandiae* subsp. *novae-hollandiae*																								
Fabaceae	*Cullen lachnostachys*																								

Family	Taxa	051	052	053	054	055	056	057	058	059	060	061	063	064	065	066	067	068	069	070	071	072	073	074	075
Fabaceae	*Cullen leucanthum*																								
Fabaceae	*Cullen leucochaites*																								
Fabaceae	*Cullen martinii*																								
Fabaceae	*Cullen pallidum*																								
Fabaceae	*Cullen pogonocarpum*																								
Fabaceae	*Cullen pustulatum*			+																					
Fabaceae	*Cullen* ?*pustulatum*																								
Fabaceae	*Cullen* sp. 1																								
Fabaceae	*Cullen* sp. 2																								
Fabaceae	*Cullen stipulaceum*											+													
Fabaceae	*Dichrostachys spicata*																								
Fabaceae	*Erythrina vespertilio*																								
Fabaceae	*Glycine canescens*																								
Fabaceae	*Grona filiformis*																						+		
Fabaceae	*Indigastrum parviflorum*																								
Fabaceae	*Indigofera colutea*																								
Fabaceae	*Indigofera deserticola*																								+
Fabaceae	*Indigofera hirsuta*																								
Fabaceae	*Indigofera linifolia*																								
Fabaceae	*Indigofera linnaei*							+																	
Fabaceae	*Indigofera monophylla*	+														+									
Fabaceae	*Indigofera rugosa*																								
Fabaceae	**Indigofera sessiliflora*																								
Fabaceae	*Indigofera* sp. 1																								
Fabaceae	*Indigofera* sp. 2																								
Fabaceae	*Indigofera* sp. 3																								
Fabaceae	*Indigofera trita*																								
Fabaceae	*Indigofera trita* subsp. *trita*																								
Fabaceae	*Indigofera trita* ?subsp. *trita*																								
Fabaceae	*Isotropis atropurpurea*																			+					
Fabaceae	*Neptunia* sp.																								
Fabaceae	*Petalostylis labicheoides*		+	+															+		+				
Fabaceae	*Rhynchosia australis*																								
Fabaceae	*Rhynchosia minima*							+				+				+	+		+			+			
Fabaceae	*Rhynchosia* sp. 1																								
Fabaceae	*Rhynchosia* sp. 2																								
Fabaceae	*Rhynchosia* sp. 3																								
Fabaceae	*Rhynchosia* sp. 4																								
Fabaceae	*Rhynchosia* sp. 5																								
Fabaceae	*Rhynchosia* sp. 6																								
Fabaceae	*Senna artemisioides* subsp. *helmsii*	+																	+						

Family	Taxa	051	052	053	054	055	056	057	058	059	060	061	063	064	065	066	067	068	069	070	071	072	073	074	075
Fabaceae	*Senna artemisioides* subsp. *helmsii x oligophylla*																								
Fabaceae	*Senna artemisioides* subsp. *oligophylla*																								
Fabaceae	*Senna ferraria*																								
Fabaceae	*Senna glaucifolia*																								
Fabaceae	*Senna glutinosa*																								
Fabaceae	*Senna* ? *glutinosa*																								
Fabaceae	*Senna glutinosa* subsp. *glutinosa*																							+	+
Fabaceae	*Senna glutinosa* subsp. *pruinosa*																								
Fabaceae	*Senna glutinosa* subsp. *x luerssenii*																								
Fabaceae	*Senna notabilis*	+								+	+			+					+		+	+	+		+
Fabaceae	*Senna symonii*	+																							+
Fabaceae	*Senna venusta*																								
Fabaceae	*Sesbania cannabina*										+										+				
Fabaceae	*Sesbania formosa*		+	+																					
Fabaceae	*Swainsona decurrens*																								
Fabaceae	*Swainsona formosa*																								
Fabaceae	*Swainsona* ? *formosa*																								
Fabaceae	*Swainsona* sp. 1						+																		
Fabaceae	*Swainsona* sp. 2																								
Fabaceae	*Swainsona stenodonta*																								
Fabaceae	*Templetonia hookeri*																								
Fabaceae	*Tephrosia clementii*																								
Fabaceae	*Tephrosia densa*																								
Fabaceae	*Tephrosia leptoclada*																								
Fabaceae	*Tephrosia rosea*																								
Fabaceae	*Tephrosia rosea* var. *clementii*																								
Fabaceae	*Tephrosia rosea* ?var. *clementii*																								
Fabaceae	? *Tephrosia* sp.																								
Fabaceae	*Tephrosia* sp. 1																								
Fabaceae	*Tephrosia* sp. 2																								
Fabaceae	*Tephrosia* sp. B Kimberley Flora (C.A. Gardner 7300)																								
Fabaceae	*Tephrosia* sp. Bungaroo Creek (M.E. Trudgen 11601)																+			+			+		
Fabaceae	*Tephrosia* sp. clay soils (S. van Leeuwen et al. PBS 0273)																								
Fabaceae	*Tephrosia* sp. D Kimberley Flora (R.D. Royce 1848)																								
Fabaceae	*Tephrosia* sp. Newman (A.A. Mitchell PRP 29)																								

Family	Taxa	051	052	053	054	055	056	057	058	059	060	061	063	064	065	066	067	068	069	070	071	072	073	074	075
Fabaceae	*Tephrosia* sp. *NW Eremaean (S. van Leeuwen et al. PBS 0356)*																		+						
Fabaceae	*Tephrosia supina*							+		+		+				+						+			+
Fabaceae	*Tephrosia ? supina*																								
Fabaceae	*Tephrosia virens*																								
Fabaceae	*Tephrosia ? virens*																								
Fabaceae	* *Vachellia farnesiana* var. *farnesiana*										+				+				+		+				
Fabaceae	*Vigna lanceolata* var. *lanceolata*		+	+		+	+				+														
Fabaceae	*Vigna* sp. Hamersley Clay (A.A. Mitchell PRP 113)																								
Fabaceae	*Zornia albiflora*																								
Goodeniaceae	*Dampiera candicans*																							+	
Goodeniaceae	*Dampiera* sp.																								
Goodeniaceae	*Goodenia armitiana*																								
Goodeniaceae	*Goodenia cusackiana*																								
Goodeniaceae	*Goodenia ? cusackiana*																								
Goodeniaceae	*Goodenia lamprosperma*		+			+	+																		
Goodeniaceae	*Goodenia microptera*							+															+		
Goodeniaceae	*Goodenia muelleriana*	+																							
Goodeniaceae	*Goodenia ? muelleriana*																								
Goodeniaceae	*Goodenia nuda*																								
Goodeniaceae	*Goodenia scaevolina*																								
Goodeniaceae	*Goodenia* sp. 1	+																							
Goodeniaceae	*Goodenia* sp. 2																								
Goodeniaceae	*Goodenia stobbsiana*																								
Goodeniaceae	*Goodeniaceae* sp.																								
Goodeniaceae	*Scaevola amblyanthera* var. *centralis*	+																							
Goodeniaceae	*Scaevola ? amblyanthera* var. *centralis*	+																							
Goodeniaceae	*Scaevola browniana* subsp. *browniana*																								
Goodeniaceae	*Scaevola parvifolia*																								
Goodeniaceae	*Scaevola* sp.																								
Gyrostemonaceae	*Codonocarpus cotinifolius*																								
Haloragaceae	*Gonocarpus ephemerus*																								
Haloragaceae	*Haloragis ? gossei*																								
Haloragaceae	*Haloragis gossei* var. *gossei*																								
Haloragaceae	*Haloragis gossei* ?var. *gossei*																								
Haloragaceae	*Haloragis* sp. 1																								
Haloragaceae	*Haloragis* sp. 2																								
Lamiaceae	*Basilicum polystachyon*		+																						
Lamiaceae	*Clerodendrum floribundum* var. *angustifolium*																								+

Family	Taxa	051	052	053	054	055	056	057	058	059	060	061	063	064	065	066	067	068	069	070	071	072	073	074	075
Lamiaceae	*Clerodendrum floribundum* var. ?*angustifolium*																								
Lamiaceae	*Clerodendrum tomentosum* var. *lanceolatum*																								
Lamiaceae	*Clerodendrum tomentosum* var. *tomentosum*																								
Lamiaceae	*Quoya zonalis* **(T)**																								
Lauraceae	*Cassytha capillaris*	+																		+					
Lauraceae	*Cassytha filiformis*																								
Lauraceae	*Cassytha* sp. 1																								
Lauraceae	*Cassytha* sp. 2																								
Lauraceae	*Cassytha* sp. 3																								
Loganiaceae	*Mitrasacme connata*																								
Loranthaceae	*Lysiana casuarinae*																								
Lythraceae	*Ammannia baccifera*																								
Lythraceae	*Ammannia multiflora*																								
Lythraceae	*Ammannia* sp. 1																								
Lythraceae	*Ammannia* sp. 2																								
Lythraceae	*Ammannia* sp. 3		+			+																			
Lythraceae	*Ammannia* sp. 4																								
Malvaceae	*Abutilon fraseri* subsp. *fraseri*																								
Malvaceae	*Abutilon lepidum*																								
Malvaceae	*Abutilon* ?*leucopetalum*																								
Malvaceae	*Abutilon macrum*																								
Malvaceae	*Abutilon* sp. 1																								
Malvaceae	*Abutilon* sp. 2																								
Malvaceae	*Abutilon* sp. 3																								
Malvaceae	*Abutilon* sp. Dioicum (A.A. Mitchell PRP 1618)																								
Malvaceae	*Abutilon* sp. Pilbara (W.R. Barker 2025)																								
Malvaceae	*Brachychiton acuminatus*																								
Malvaceae	*Corchorus incanus*																								
Malvaceae	*Corchorus* ?*incanus*																								+
Malvaceae	*Corchorus incanus* subsp. *incanus*												+												
Malvaceae	*Corchorus* ?*incanus* subsp. *incanus*																								
Malvaceae	*Corchorus laniflorus*																								
Malvaceae	*Corchorus lasiocarpus* subsp. *lasiocarpus*																						+		
Malvaceae	*Corchorus parviflorus*	+						+	+	+	+		+			+	+	+	+	+	+				+
Malvaceae	*Corchorus* ?*parviflorus*																								
Malvaceae	*Corchorus* sp. 1																								
Malvaceae	*Corchorus* sp. 2																								
Malvaceae	*Corchorus tridens*		+								+			+	+										
Malvaceae	*Corchorus trilocularis*																								
Malvaceae	*Corchorus walcottii*							+	+			+		+											+

Family	Taxa	051	052	053	054	055	056	057	058	059	060	061	063	064	065	066	067	068	069	070	071	072	073	074	075
Malvaceae	*Gossypium australe*		+			+										+							+	+	+
Malvaceae	*Gossypium robinsonii*																								
Malvaceae	*Hibiscus austrinus* var. *austrinus*										+		+									+			
Malvaceae	*Hibiscus brachychlaenus*																								
Malvaceae	*Hibiscus burtonii*																								+
Malvaceae	*Hibiscus coatesii*																							+	
Malvaceae	*Hibiscus goldsworthii*																								
Malvaceae	*Hibiscus leptocladus*																								
Malvaceae	*Hibiscus sturtii*																								
Malvaceae	*Hibiscus* ? *sturtii*																								
Malvaceae	? *Hibiscus sturtii*																								
Malvaceae	*Hibiscus sturtii* var. *campylochlamys*																						+		
Malvaceae	*Hibiscus sturtii* var. *platychlamys*																								
Malvaceae	MALVACEAE sp. 1																								
Malvaceae	MALVACEAE sp. 2																								
Malvaceae	MALVACEAE sp. 3																								
Malvaceae	* *Malvastrum americanum*																								
Malvaceae	*Melhania oblongifolia*																								
Malvaceae	*Seringia nephrosperma*																								
Malvaceae	*Sida arenicola*																								
Malvaceae	*Sida arsiniata*																		+						
Malvaceae	*Sida cardiophylla*																								
Malvaceae	*Sida clementii*																								
Malvaceae	*Sida echinocarpa*																								
Malvaceae	*Sida* ? *echinocarpa*																								
Malvaceae	*Sida fibulifera*								+										+						
Malvaceae	*Sida* ? *fibulifera*					+																+			
Malvaceae	*Sida macropoda*																								
Malvaceae	*Sida* ? *macropoda*																								
Malvaceae	*Sida platycalyx*																								
Malvaceae	*Sida rohlenae* subsp. *rohlenae*																		+		+				
Malvaceae	*Sida* sp. 1																								
Malvaceae	*Sida* sp. 2																								
Malvaceae	*Sida* sp. 3																								
Malvaceae	*Sida* sp. articulation below (A.A. Mitchell PRP 1605)																								
Malvaceae	*Sida* sp. Excedentifolia (J.L. Egan 1925)																								
Malvaceae	*Sida* sp. Pilbara (A.A. Mitchell PRP 1543)											+												+	
Malvaceae	*Sida* sp. spiciform panicles (E. Leyland s.n. 14/8/90)																								
Malvaceae	*Sida spinosa*							+					+									+			+

Family	Taxa	051	052	053	054	055	056	057	058	059	060	061	063	064	065	066	067	068	069	070	071	072	073	074	075
Malvaceae	*Triumfetta appendiculata*																								
Malvaceae	*Triumfetta* ? *appendiculata*																								
Malvaceae	*Triumfetta chaetocarpa*							+											+				+		
Malvaceae	*Triumfetta clementii*																								
Malvaceae	*Triumfetta johnstonii*																								
Malvaceae	*Triumfetta leptacantha*							+																	
Malvaceae	*Triumfetta maconochieana*																							+	
Malvaceae	*Triumfetta propinqua*																								
Malvaceae	*Triumfetta ramosa*																								
Malvaceae	*Triumfetta* sp. 1																								
Malvaceae	*Triumfetta* sp. 2																								
Malvaceae	*Waltheria indica*																								
Malvaceae	*Waltheria virgata*																								
Marsileaceae	*Marsilea exarata*																								
Marsileaceae	*Marsilea hirsuta*																								
Marsileaceae	*Marsilea* sp. 1																								
Marsileaceae	*Marsilea* sp. 2		+	+																					
Menispermaceae	*Tinospora smilacina*																								
Molluginaceae	*Hypertelis cerviana*																								
Molluginaceae	*Trigastrotheca molluginea*							+					+							+			+	+	
Montiaceae	*Calandrinia ptychosperma*																								
Montiaceae	*Calandrinia* ? *pumila*																								
Montiaceae	*Calandrinia* ? *stagnensis*																								
Montiaceae	*Calandrinia tepperiana*		+	+		+	+				+														
Moraceae	*Ficus aculeata* var. *indecora*																								
Moraceae	*Ficus brachypoda*																								
Myrtaceae	*Corymbia candida* subsp. *candida*																							+	
Myrtaceae	*Corymbia* ? *candida* subsp. *candida*																								
Myrtaceae	*Corymbia flavescens*																								
Myrtaceae	*Corymbia hamersleyana*									+		+													+
Myrtaceae	*Corymbia* ? *hamersleyana*																								
Myrtaceae	? *Corymbia hamersleyana*	+																							
Myrtaceae	? *Corymbia* sp.																								
Myrtaceae	*Corymbia* sp. 1																								
Myrtaceae	*Corymbia* sp. 2																								
Myrtaceae	*Corymbia* sp. 3																								
Myrtaceae	*Eucalyptus camaldulensis*																								
Myrtaceae	*Eucalyptus* ? *camaldulensis*																								
Myrtaceae	*Eucalyptus camaldulensis* subsp. *refulgens*		+	+		+	+				+										+				
Myrtaceae	*Eucalyptus camaldulensis* ?subsp. *refulgens*																								
Myrtaceae	*Eucalyptus leucophloia*																								

Family	Taxa	051	052	053	054	055	056	057	058	059	060	061	063	064	065	066	067	068	069	070	071	072	073	074	075
Myrtaceae	*Eucalyptus leucophloia* subsp. *leucophloia*																							+	
Myrtaceae	*Eucalyptus* ? *leucophloia* subsp. *leucophloia*																								
Myrtaceae	*Eucalyptus* sp. 1																								
Myrtaceae	*Eucalyptus* sp. 2																								
Myrtaceae	*Eucalyptus victrix*			+																					
Myrtaceae	*Melaleuca argentea*		+			+															+				
Myrtaceae	*Melaleuca bracteata*												+												
Myrtaceae	*Melaleuca glomerata*			+			+														+				
Myrtaceae	*Melaleuca* ? *glomerata*																								
Myrtaceae	*Melaleuca linophylla*		+	+		+	+														+				
Myrtaceae	*Melaleuca* ? *linophylla*																								
Nyctaginaceae	*Boerhavia burbidgeana*																								
Nyctaginaceae	*Boerhavia coccinea*		+	+		+		+		+					+		+				+				
Nyctaginaceae	*Boerhavia* ? *coccinea*												+												
Nyctaginaceae	*Boerhavia gardneri*																								
Nyctaginaceae	*Boerhavia* sp.																								
Oleaceae	*Jasminum didymum* subsp. *lineare*																								
Onagraceae	*Ludwigia perennis*		+																						
Papaveraceae	**Argemone ochroleuca* subsp. *ochroleuca*																				+				
Pedaliaceae	*Josephinia eugeniae*																								
Pedaliaceae	*Josephinia* sp. Mt Edgar Station (N.T. Burbidge 1194)																								
Phyllanthaceae	*Cathetus* sp.																								
Phyllanthaceae	*Cathetus virgatus*																								
Phyllanthaceae	*Flueggea virosa* subsp. *melanthesoides*																								
Phyllanthaceae	*Kirganelia baccata*		+	+																					
Phyllanthaceae	*Nellica maderaspatensis*						+														+				
Phyllanthaceae	*Notoleptopus decaisnei*			+		+																			+
Phyllanthaceae	*Phyllanthus hebecarpus* **(P3)**																								
Pittosporaceae	*Pittosporum angustifolium*																								
Plantaginaceae	*Stemodia grossa*		+	+			+																		
Plantaginaceae	*Stemodia kingii*																								
Plantaginaceae	*Stemodia viscosa*		+	+							+														
Poaceae	*Aristida burbidgeae*																								
Poaceae	*Aristida contorta*									+		+													
Poaceae	?*Aristida contorta*																								
Poaceae	*Aristida holathera* var. *holathera*											+													+
Poaceae	*Aristida inaequiglumis*																								
Poaceae	**Cenchrus ciliaris*	+																	+		+				
Poaceae	**Cenchrus setiger*		+			+	+	+	+		+		+	+	+							+			+
Poaceae	*Cenchrus* sp.																								

Family	Taxa	051	052	053	054	055	056	057	058	059	060	061	063	064	065	066	067	068	069	070	071	072	073	074	075
Poaceae	*Chloris barbata					+																			
Poaceae	Chloris pumilio																								
Poaceae	*Chloris virgata																								
Poaceae	Chrysopogon fallax			+				+			+								+						
Poaceae	Cymbopogon ambiguus											+												+	
Poaceae	Cymbopogon obtectus																								
Poaceae	Cymbopogon procerus																								
Poaceae	Cynodon convergens																								
Poaceae	*Cynodon dactylon		+			+																			
Poaceae	Cynodon prostratus																								
Poaceae	Dactyloctenium radulans			+			+	+						+	+										
Poaceae	Dichanthium fecundum		+			+																			
Poaceae	Dichanthium sericeum subsp. humilius																								
Poaceae	Digitaria brownii																								
Poaceae	Digitaria ctenantha													+											
Poaceae	Diplachne fusca subsp. fusca					+	+																		
Poaceae	*Echinochloa colona																								
Poaceae	Enneapogon caerulescens																								
Poaceae	Enneapogon ?caerulescens																								
Poaceae	Enneapogon lindleyanus																								+
Poaceae	Enneapogon polyphyllus																								
Poaceae	Enneapogon sp.																	+							
Poaceae	Eragrostis crateriformis **(P3)**																								
Poaceae	Eragrostis cumingii								+					+											
Poaceae	Eragrostis desertorum																								
Poaceae	Eragrostis dielsii																								
Poaceae	Eragrostis eriopoda																						+		
Poaceae	Eragrostis exigua		+	+							+														
Poaceae	*Eragrostis minor																								
Poaceae	Eragrostis olida																								
Poaceae	Eragrostis sp. 1																								
Poaceae	Eragrostis sp. 2																								
Poaceae	Eragrostis tenellula																								
Poaceae	Eragrostis ?tenellula																				+				
Poaceae	Eriachne aristidea																								
Poaceae	Eriachne benthamii																								
Poaceae	Eriachne ciliata																								
Poaceae	Eriachne flaccida		+	+			+																		
Poaceae	Eriachne helmsii																								
Poaceae	Eriachne melicacea																								
Poaceae	Eriachne mucronata																								

Family	Taxa	051	052	053	054	055	056	057	058	059	060	061	063	064	065	066	067	068	069	070	071	072	073	074	075
Poaceae	*Eriachne obtusa*																								
Poaceae	*Eriachne pulchella*																								
Poaceae	*Eriachne pulchella* subsp. *dominii*																								
Poaceae	*Eriachne pulchella* subsp. *pulchella*																								
Poaceae	*Eriachne* sp. 1																							+	
Poaceae	*Eriachne* sp. 2																								
Poaceae	*Eriachne* sp. 3																								
Poaceae	*Eriachne* sp. 4																								
Poaceae	*Eriachne* sp. Dugald River (B.K. Simon+ 3007)																								
Poaceae	*Eriachne tenuiculmis*	+																		+					
Poaceae	*Eulalia aurea*																								
Poaceae	*Iseilema dolichotrichum*																								
Poaceae	*Iseilema membranaceum*																								
Poaceae	*Panicum australiense*																								
Poaceae	*Panicum australiense* var. *australiense*																								
Poaceae	*Paraneurachne muelleri*	+										+								+		+	+		
Poaceae	*Paspalidium basicladum*																								
Poaceae	*Paspalidium clementii*																								
Poaceae	*Paspalidium jubiflorum*			+																					
Poaceae	*Paspalidium rarum*																								
Poaceae	*Perotis rara*										+			+	+								+		
Poaceae	POACEAE sp. 1																								
Poaceae	POACEAE sp. 2																								
Poaceae	POACEAE sp. 3																								
Poaceae	*Schizachyrium fragile*																								
Poaceae	**Setaria verticillata*																								
Poaceae	*Sporobolus actinocladus*								+					+	+	+									
Poaceae	*Sporobolus australasicus*					+	+						+												
Poaceae	*Sporobolus ramigerus*																								
Poaceae	*Themeda triandra*																								
Poaceae	*Themeda ? triandra*																								
Poaceae	*Triodia angusta*					+			+		+		+												
Poaceae	*Triodia ? angusta*																								
Poaceae	*Triodia brizoides*																								
Poaceae	*Triodia ? brizoides*																								
Poaceae	*Triodia epactia*							+		+		+				+							+	+	
Poaceae	*Triodia ? epactia*																								
Poaceae	*Triodia lanigera*																								
Poaceae	*Triodia longiceps*	+												+	+		+		+	+	+				
Poaceae	*Triodia secunda*								+																
Poaceae	*Triodia wiseana*	+			+						+						+	+		+					+

Family	Taxa	051	052	053	054	055	056	057	058	059	060	061	063	064	065	066	067	068	069	070	071	072	073	074	075
Poaceae	*Triodia ? wiseana*																								
Poaceae	*Tripogonella loliiformis*																								
Poaceae	*Whiteochloa cymbiformis*																								
Polygalaceae	*Polygala glaucifolia*																								
Polygalaceae	*Polygala isingii*																								
Polygalaceae	*Polygala* sp.																								
Portulacaceae	*Portulaca filifolia*																								
Portulacaceae	*Portulaca oleracea*																				+				
Potamogetonaceae	*Potamogeton tepperi*																								
Proteaceae	*Grevillea pyramidalis* subsp. *leucadendron*				+			+		+		+				+		+	+			+	+	+	
Proteaceae	*Grevillea wickhamii*	+														+	+	+		+					
Proteaceae	*Grevillea wickhamii* subsp. *aprica*																								
Proteaceae	*Grevillea wickhamii* subsp. *hispidula*																						+	+	
Proteaceae	*Hakea lorea* subsp. *lorea*				+							+	+			+	+			+				+	
Pteridaceae	*Cheilanthes sieberi* subsp. *Sieberi*																								
Pteridaceae	*Cheilanthes* sp.																								
Rubiaceae	*Dolichocarpa crouchiana*																								
Rubiaceae	*Synaptantha tillaeacea* var. *tillaeacea*										+														
Sapindaceae	*Atalaya hemiglauca*		+	+		+	+				+		+		+				+		+	+			
Sapindaceae	*Dodonaea coriacea*																								
Scrophulariaceae	*Eremophila latrobei* subsp. *glabra*																								
Scrophulariaceae	*Eremophila latrobei* ?subsp. *glabra*																								
Scrophulariaceae	*Eremophila latrobei* subsp. *latrobei*																								
Scrophulariaceae	*Eremophila longifolia*																								
Solanaceae	*Nicotiana benthamiana*																								
Solanaceae	*Nicotiana bilybara*																								
Solanaceae	*Nicotiana occidentalis*																								
Solanaceae	**Physalis angulata*																								
Solanaceae	*Solanum ? centrale*																								
Solanaceae	*Solanum cleistogamum*																								
Solanaceae	*Solanum diversiflorum*							+						+							+				
Solanaceae	*Solanum gabrielae*											+				+									
Solanaceae	*Solanum horridum*																								
Solanaceae	*Solanum lasiophyllum*																							+	
Solanaceae	*Solanum lucani*																								
Solanaceae	**Solanum nigrum*																								
Solanaceae	*Solanum phlomoides*																								
Solanaceae	*Solanum ? phlomoides*																								
Solanaceae	*Solanum* sp.																								
Stylidiaceae	*Stylidium desertorum*																								
Typhaceae	*Typha domingensis*																								

Family	Taxa	051	052	053	054	055	056	057	058	059	060	061	063	064	065	066	067	068	069	070	071	072	073	074	075
Violaceae	*Afrohybanthus aurantiacus*						+					+	+		+				+	+	+	+	+		
Violaceae	*Afrohybanthus ?aurantiacus*																						+		
Violaceae	?*Afrohybanthus* sp.																								
Zygophyllaceae	*Tribulus hirsutus*																								
Zygophyllaceae	*Tribulus occidentalis*																								
Zygophyllaceae	*Tribulus platypterus*																								
Zygophyllaceae	*Tribulus ?platypterus*																							+	
Zygophyllaceae	*Tribulus suberosus*																								

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Family	Taxa	076	077	078	079	080	081	082	083	084	085	086	087	088	089	090	091	092	093	094	095	096	097	098	099
Acanthaceae	*Rostellularia adscendens* var. *clementii*																								
Aizoaceae	*Trianthema pilosum*														+								+		
Aizoaceae	* *Trianthema portulacastrum*																								
Aizoaceae	*Trianthema triquetrum*																								
Aizoaceae	*Trianthema turgidifolium*																								
Aizoaceae	*Zaleya galericulata* subsp. *galericulata*																								
Amaranthaceae	*Achyranthes aspera*																								
Amaranthaceae	* *Aerva javanica*							+														+	+		
Amaranthaceae	*Alternanthera denticulata*																								
Amaranthaceae	*Alternanthera denticulata* var. *denticulata*																								
Amaranthaceae	*Alternanthera nana*													+											
Amaranthaceae	*Amaranthus cuspidifolius*																								
Amaranthaceae	*Amaranthus undulatus*																					+	+		+
Amaranthaceae	*Gomphrena canescens*																								
Amaranthaceae	*Gomphrena cunninghamii*																								
Amaranthaceae	*Gomphrena kanisii*																								
Amaranthaceae	*Gomphrena lanata*																								
Amaranthaceae	*Gomphrena leptoclada* subsp. *leptoclada*																								
Amaranthaceae	*Ptilotus astrolasius*														+										
Amaranthaceae	*Ptilotus auriculifolius*																								
Amaranthaceae	*Ptilotus axillaris*																								
Amaranthaceae	*Ptilotus calostachyus*																								
Amaranthaceae	*Ptilotus clementii*																								
Amaranthaceae	*Ptilotus exaltatus*																								
Amaranthaceae	*Ptilotus fusiformis*																								
Amaranthaceae	*Ptilotus gomphrenoides*																								
Amaranthaceae	*Ptilotus incanus*																								
Amaranthaceae	*Ptilotus mollis* **(P4)**																								
Amaranthaceae	*Ptilotus obovatus*											+													
Amaranthaceae	*Ptilotus* sp.																								
Amaranthaceae	? *Ptilotus* sp.																								
Apocynaceae	* *Calotropis procera*														+	+					+	+		+	+
Apocynaceae	*Carissa lanceolata*																								
Apocynaceae	*Cynanchum floribundum*																								
Apocynaceae	*Cynanchum viminale* subsp. *australe*																								
Apocynaceae	*Gymnanthera cunninghamii* **(P3)**																								
Apocynaceae	*Gymnema erectum*																								
Apocynaceae	*Vincetoxicum flexuosum*																								

Family	Taxa	076	077	078	079	080	081	082	083	084	085	086	087	088	089	090	091	092	093	094	095	096	097	098	099
Araliaceae	*Trachymene oleracea*																								
Araliaceae	*Trachymene oleracea* subsp. *oleracea*																								
Araliaceae	*Trachymene pilbarensis*																								
Asteraceae	*Blumea tenella*																								
Asteraceae	*Centipeda minima* subsp. *macrocephala*																								
Asteraceae	*Chrysocephalum apiculatum* subsp. *pilbarense*																						+		
Asteraceae	*Chrysocephalum* sp.																								
Asteraceae	* *Flaveria trinervia*																								
Asteraceae	*Olearia fluvialis*																								
Asteraceae	*Pentalepis trichodesmoides* subsp. *trichodesmoides*											+													
Asteraceae	*Pluchea dentex*																								
Asteraceae	*Pluchea ferdinandi-muelleri*						+	+	+				+		+	+			+		+		+	+	+
Asteraceae	*Pluchea rubelliflora*																							+	
Asteraceae	? *Pluchea rubelliflora*																								
Asteraceae	*Pluchea tetranthera*							+							+				+		+				
Asteraceae	*Pterocaulon serrulatum* var. *velutinum*													+	+										
Asteraceae	*Pterocaulon sphacelatum*																				+				
Asteraceae	* *Sonchus oleraceus*																								
Asteraceae	*Streptoglossa* ? *bubakii*																								
Asteraceae	*Streptoglossa decurrens*																								
Asteraceae	*Streptoglossa* ? *decurrens*																								
Asteraceae	*Vittadinia dissecta* var. *hirta*																								
Bixaceae	*Cochlospermum macnamarae* **(P1)**																								
Boraginaceae	*Ehretia saligna* var. *saligna*																								
Boraginaceae	*Euploca chrysocarpa*																								
Boraginaceae	*Euploca* ? *chrysocarpa*		+																						
Boraginaceae	*Euploca conocarpa*																								
Boraginaceae	*Euploca cunninghamii*																								
Boraginaceae	*Euploca* ? *cunninghamii*																+						+		
Boraginaceae	*Euploca heterantha*																								
Boraginaceae	*Euploca pachyphylla*																								
Boraginaceae	*Euploca* ? *pachyphylla*																								
Boraginaceae	*Euploca skeleton*																								
Boraginaceae	*Euploca tanythrix*																								
Boraginaceae	*Euploca tenuifolia*																								
Boraginaceae	*Heliotropium crispatum*																								
Boraginaceae	*Heliotropium murinum* **(P3)**				+																				
Boraginaceae	*Heliotropium* ? *murinum* **(P3)**																								
Boraginaceae	*Heliotropium* sp. 1																+								

Family	Taxa	076	077	078	079	080	081	082	083	084	085	086	087	088	089	090	091	092	093	094	095	096	097	098	099
Boraginaceae	*Heliotropium* sp. 2																								
Boraginaceae	*Trichodesma zeylanicum*																								
Boraginaceae	*Trichodesma zeylanicum* var. *zeylanicum*																								
Brassicaceae	*Lepidium pedicellosum*																								
Byblidaceae	*Byblis pilbarana*																								
Campanulaceae	*Wahlenbergia tumidifructa*																								
Capparaceae	*Capparis spinosa* subsp. *nummularia*																								
Caryophyllaceae	*Polycarpaea corymbosa* var. *corymbosa*																								
Caryophyllaceae	*Polycarpaea holtzei*																								
Caryophyllaceae	*Polycarpaea longiflora*																								
Celastraceae	*Stackhousia intermedia*																								
Celastraceae	*Stackhousia ? intermedia*																								
Celastraceae	*Stackhousia muricata*																								
Chenopodiaceae	*Dysphania kalpari*																								
Chenopodiaceae	*Dysphania plantaginella*																								
Chenopodiaceae	*Dysphania rhadinostachya*																								
Chenopodiaceae	*Dysphania rhadinostachya* subsp. *inflata*																								
Chenopodiaceae	*Dysphania rhadinostachya* subsp. *rhadinostachya*																								
Chenopodiaceae	*Dysphania* sp.																								
Chenopodiaceae	? *Dysphania* sp.																								
Chenopodiaceae	*Dysphania sphaerosperma*																								
Chenopodiaceae	*Sclerolaena costata*																								
Chenopodiaceae	*Sclerolaena densiflora*																								
Chenopodiaceae	*Sclerolaena hostilis*																								
Cleomaceae	*Arivela viscosa*																					+	+	+	+
Combretaceae	*Terminalia circumalata*																								
Combretaceae	*Terminalia* sp.																								
Combretaceae	? *Terminalia* sp. 1																								
Combretaceae	? *Terminalia* sp. 2																								
Combretaceae	? *Terminalia* sp. 3																								
Combretaceae	? *Terminalia* sp. 4																								
Commelinaceae	*Commelina ensifolia*																								
Convolvulaceae	*Bonamia alatisemina*																								
Convolvulaceae	*Bonamia ? alatisemina*																								
Convolvulaceae	*Bonamia erecta*			+	+													+	+						
Convolvulaceae	*Bonamia linearis*			+																					
Convolvulaceae	*Bonamia media*													+	+								+		
Convolvulaceae	*Bonamia ? media*																								
Convolvulaceae	*Bonamia pannosa*																								
Convolvulaceae	*Bonamia pilbarensis*	+	+					+				+	+	+			+	+		+					

Family	Taxa	076	077	078	079	080	081	082	083	084	085	086	087	088	089	090	091	092	093	094	095	096	097	098	099
Convolvulaceae	*Bonamia ? pilbarensis*																								
Convolvulaceae	*Bonamia* sp. 1																								
Convolvulaceae	*Bonamia* sp. 2																								
Convolvulaceae	*Evolvulus alsinoides*																+								
Convolvulaceae	*Evolvulus alsinoides* var. *villosicalyx*						+	+						+	+				+	+	+	+			
Convolvulaceae	*Ipomoea coptica*																								
Convolvulaceae	*Ipomoea lonchophylla*																								
Convolvulaceae	*Ipomoea muelleri*																								+
Convolvulaceae	*Ipomoea polymorpha*													+											
Convolvulaceae	*Operculina aequisepala*																					+			
Convolvulaceae	*Polymeria ambigua*																	+							
Convolvulaceae	*Polymeria calycina*								+																
Convolvulaceae	*Polymeria lanata*																								
Convolvulaceae	*Polymeria mollis*													+											
Convolvulaceae	*Polymeria ? mollis*																								
Cucurbitaceae	*Austrobryonia pilbarensis*																								
Cucurbitaceae	**Citrullus colocynthis*														+					+	+	+			
Cucurbitaceae	*Cucumis melo*																								
Cucurbitaceae	**Cucumis myriocarpus* subsp. *myriocarpus*																								
Cucurbitaceae	*Cucumis* sp. Chichester Range (A.A. Mitchell et al. AAM 10691)																								
Cucurbitaceae	*Cucumis variabilis*				+		+		+			+		+				+			+	+	+	+	
Cucurbitaceae	*Trichosanthes cucumerina* var. *cucumerina*																								
Cyperaceae	*Bulbostylis barbata*													+				+				+	+	+	
Cyperaceae	*Bulbostylis burbidgeae* **(P4)**																								
Cyperaceae	*Bulbostylis turbinata*																								
Cyperaceae	*Cyperus bifax*																					+			
Cyperaceae	*Cyperus bulbosus*																								
Cyperaceae	*Cyperus cunninghamii* subsp. *cunninghamii*																								
Cyperaceae	*Cyperus dactylotes*																							+	
Cyperaceae	*Cyperus difformis*																								
Cyperaceae	*Cyperus hesperius*																								
Cyperaceae	*Cyperus ixiocarpus*																								
Cyperaceae	*Cyperus microcephalus* subsp. *microcephalus*																								
Cyperaceae	*Cyperus* sp. 1													+											
Cyperaceae	*Cyperus* sp. 2																								
Cyperaceae	*Cyperus squarrosus*																								
Cyperaceae	*Cyperus vaginatus*										+					+									+
Cyperaceae	*Fimbristylis dichotoma*																								
Cyperaceae	*Fimbristylis elegans*																								
Cyperaceae	*Fimbristylis simulans*																								

Family	Taxa	076	077	078	079	080	081	082	083	084	085	086	087	088	089	090	091	092	093	094	095	096	097	098	099
Cyperaceae	*Fimbristylis* sp.																								
Cyperaceae	*Fuirena ciliaris*																								
Elatinaceae	*Bergia pedicellaris*																								
Euphorbiaceae	*Adriana tomentosa*																								
Euphorbiaceae	*Adriana tomentosa* var. *tomentosa*																								
Euphorbiaceae	*Adriana tomentosa* ?var. *tomentosa*																								
Euphorbiaceae	*Euphorbia ? australis*																								
Euphorbiaceae	*Euphorbia australis* var. *subtomentosa*				+									+				+					+		
Euphorbiaceae	*Euphorbia biconvexa*																							+	+
Euphorbiaceae	*Euphorbia boophthona*																								
Euphorbiaceae	*Euphorbia careyi*											+													
Euphorbiaceae	*Euphorbia coghlanii*						+							+								+			
Euphorbiaceae	*Euphorbia inappendiculata* var. *inappendiculata* **(P3)**																								
Euphorbiaceae	*Euphorbia* sp. 1																								
Euphorbiaceae	*Euphorbia* sp. 2																								
Euphorbiaceae	*Euphorbia tannensis* subsp. *eremophila*																								
Euphorbiaceae	*Euphorbia ? tannensis* subsp. *eremophila*																								
Euphorbiaceae	*Euphorbia trigonosperma*																								
Euphorbiaceae	*Mallotus nesophilus*																								
Fabaceae	*Acacia acradenia*																								
Fabaceae	*Acacia adoxa* var. *adoxa*																								
Fabaceae	*Acacia adsurgens*																								
Fabaceae	*Acacia ampliceps*										+			+								+		+	+
Fabaceae	*Acacia ampliceps x sclerosperma* subsp. *sclerosperma*																								
Fabaceae	*Acacia ancistrocarpa*			+																					
Fabaceae	*Acacia aptaneura*																								
Fabaceae	*Acacia arida*																								
Fabaceae	*Acacia bivenosa*	+	+							+			+												
Fabaceae	*Acacia ? bivenosa*																								
Fabaceae	*Acacia colei*																								
Fabaceae	*Acacia colei* var. *colei*																								
Fabaceae	*Acacia colei* ?var. *colei*																								
Fabaceae	*Acacia coriacea* subsp. *pendens*													+											
Fabaceae	*Acacia elachantha*																								
Fabaceae	*Acacia eriopoda*																								
Fabaceae	*Acacia eriopoda x trachycarpa*																								
Fabaceae	*Acacia hilliana*																								
Fabaceae	*Acacia holosericea*																								
Fabaceae	*Acacia inaequilatera*	+	+	+	+		+			+		+	+				+	+	+	+	+			+	

Family	Taxa	076	077	078	079	080	081	082	083	084	085	086	087	088	089	090	091	092	093	094	095	096	097	098	099
Fabaceae	*Acacia levata* **(P3)**																								
Fabaceae	*Acacia maitlandii*									+															
Fabaceae	*Acacia monticola*																								
Fabaceae	*Acacia orthocarpa*																								
Fabaceae	*Acacia pruinocarpa*																								
Fabaceae	*Acacia ptychophylla*					+																			
Fabaceae	*Acacia pyrifolia*																								
Fabaceae	*Acacia pyrifolia* var. *morrisonii*																								
Fabaceae	*Acacia pyrifolia* var. *pyrifolia*			+							+			+	+	+									+
Fabaceae	*Acacia retivenea* subsp. *clandestina*																								
Fabaceae	*Acacia sericophylla*																								
Fabaceae	*Acacia sibirica*																								
Fabaceae	*Acacia* sp. 1																								
Fabaceae	*Acacia* sp. 2																								
Fabaceae	*Acacia* sp. 3										+					+									
Fabaceae	*Acacia* sp. 4																								
Fabaceae	*Acacia* sp. 5																								
Fabaceae	*Acacia* sp. 6																								
Fabaceae	*Acacia* sp. 7																								
Fabaceae	*Acacia* sp. 8																								
Fabaceae	*Acacia* sp. 9																								
Fabaceae	*Acacia sphaerostachya*																								
Fabaceae	*Acacia spondylophylla*																								
Fabaceae	*Acacia stellaticeps*						+	+	+																
Fabaceae	*Acacia synchronicia*																								
Fabaceae	*Acacia trachycarpa*				+		+							+	+	+		+				+	+		
Fabaceae	*Acacia trachycarpa x tumida* var. *pilbarensis*																								
Fabaceae	*Acacia tumida* var. *pilbarensis*																								
Fabaceae	*Acacia victoriae* subsp. *victoriae*																								
Fabaceae	*Alysicarpus muelleri*						+							+				+							
Fabaceae	*Cajanus cinereus*																								
Fabaceae	*Cajanus* ? *cinereus*																								
Fabaceae	*Cajanus pubescens*																								
Fabaceae	*Cajanus* sp. 1																								
Fabaceae	*Cajanus* sp. 2																								
Fabaceae	*Cajanus* sp. 3																								
Fabaceae	*Crotalaria cunninghamii* subsp. *sturtii*							+						+	+								+		
Fabaceae	*Crotalaria* ? *cunninghamii* subsp. *sturtii*																								
Fabaceae	*Crotalaria medicaginea* var. *neglecta*													+											
Fabaceae	*Crotalaria novae-hollandiae* subsp. *novae-hollandiae*																								

Family	Taxa	076	077	078	079	080	081	082	083	084	085	086	087	088	089	090	091	092	093	094	095	096	097	098	099
Fabaceae	*Cullen lachnostachys*																								
Fabaceae	*Cullen leucanthum*																								
Fabaceae	*Cullen leucochaites*																								
Fabaceae	*Cullen martinii*																								
Fabaceae	*Cullen pallidum*						+																		
Fabaceae	*Cullen pogonocarpum*																								
Fabaceae	*Cullen pustulatum*														+	+				+			+	+	+
Fabaceae	*Cullen* ?*pustulatum*																								
Fabaceae	*Cullen* sp. 1																								
Fabaceae	*Cullen* sp. 2																								
Fabaceae	*Cullen stipulaceum*				+																				
Fabaceae	*Dichrostachys spicata*													+	+								+		
Fabaceae	*Erythrina vespertilio*																								
Fabaceae	*Glycine canescens*																								
Fabaceae	*Grona filiformis*																								
Fabaceae	*Indigastrum parviflorum*																								
Fabaceae	*Indigofera colutea*																								
Fabaceae	*Indigofera deserticola*				+		+	+	+																
Fabaceae	*Indigofera hirsuta*																								
Fabaceae	*Indigofera linifolia*																		+				+		
Fabaceae	*Indigofera linnaei*														+										+
Fabaceae	*Indigofera monophylla*			+		+				+		+													
Fabaceae	*Indigofera rugosa*																								
Fabaceae	**Indigofera sessiliflora*																								
Fabaceae	*Indigofera* sp. 1			+		+																			
Fabaceae	*Indigofera* sp. 2																	+							
Fabaceae	*Indigofera* sp. 3																								
Fabaceae	*Indigofera trita*																								
Fabaceae	*Indigofera trita* subsp. *trita*																								
Fabaceae	*Indigofera trita* ?subsp. *trita*													+											
Fabaceae	*Isotropis atropurpurea*				+																				
Fabaceae	*Neptunia* sp.																								
Fabaceae	*Petalostylis labicheoides*										+														
Fabaceae	*Rhynchosia australis*																								
Fabaceae	*Rhynchosia minima*			+			+		+		+					+		+	+		+			
Fabaceae	*Rhynchosia* sp. 1																								
Fabaceae	*Rhynchosia* sp. 2																								
Fabaceae	*Rhynchosia* sp. 3												+												
Fabaceae	*Rhynchosia* sp. 4													+						+					
Fabaceae	*Rhynchosia* sp. 5																								
Fabaceae	*Rhynchosia* sp. 6																								

Family	Taxa	076	077	078	079	080	081	082	083	084	085	086	087	088	089	090	091	092	093	094	095	096	097	098	099
Fabaceae	*Senna artemisioides* subsp. *helmsii*													+											
Fabaceae	*Senna artemisioides* subsp. *helmsii x oligophylla*																								
Fabaceae	*Senna artemisioides* subsp. *oligophylla*	+		+														+							
Fabaceae	*Senna ferraria*																								
Fabaceae	*Senna glaucifolia*																								
Fabaceae	*Senna glutinosa*																								
Fabaceae	*Senna* ? *glutinosa*																								
Fabaceae	*Senna glutinosa* subsp. *glutinosa*		+			+				+							+								
Fabaceae	*Senna glutinosa* subsp. *pruinosa*					+				+															
Fabaceae	*Senna glutinosa* subsp. *x luerssenii*																								
Fabaceae	*Senna notabilis*	+												+							+		+	+	
Fabaceae	*Senna symonii*		+							+															
Fabaceae	*Senna venusta*																								
Fabaceae	*Sesbania cannabina*														+								+	+	+
Fabaceae	*Sesbania formosa*																								
Fabaceae	*Swainsona decurrens*																								
Fabaceae	*Swainsona formosa*																								
Fabaceae	*Swainsona* ? *formosa*																								
Fabaceae	*Swainsona* sp. 1																								
Fabaceae	*Swainsona* sp. 2																								
Fabaceae	*Swainsona stenodonta*																								
Fabaceae	*Templetonia hookeri*																								
Fabaceae	*Tephrosia clementii*																								
Fabaceae	*Tephrosia densa*																								
Fabaceae	*Tephrosia leptoclada*																								
Fabaceae	*Tephrosia rosea*																								
Fabaceae	*Tephrosia rosea* var. *clementii*																+								
Fabaceae	*Tephrosia rosea* ?var. *clementii*																								
Fabaceae	? *Tephrosia* sp.																								
Fabaceae	*Tephrosia* sp. 1																								
Fabaceae	*Tephrosia* sp. 2																								
Fabaceae	*Tephrosia* sp. B Kimberley Flora (C.A. Gardner 7300)																								
Fabaceae	*Tephrosia* sp. Bungaroo Creek (M.E. Trudgen 11601)																+								
Fabaceae	*Tephrosia* sp. clay soils (S. van Leeuwen et al. PBS 0273)																								
Fabaceae	*Tephrosia* sp. D Kimberley Flora (R.D. Royce 1848)																								
Fabaceae	*Tephrosia* sp. Newman (A.A. Mitchell PRP 29)																								

Family	Taxa	076	077	078	079	080	081	082	083	084	085	086	087	088	089	090	091	092	093	094	095	096	097	098	099
Fabaceae	*Tephrosia* sp. *NW Eremaean (S. van Leeuwen et al. PBS 0356)*																								
Fabaceae	*Tephrosia supina*																	+	+		+				
Fabaceae	*Tephrosia ? supina*														+						+				
Fabaceae	*Tephrosia virens*																								
Fabaceae	*Tephrosia ? virens*																								
Fabaceae	* *Vachellia farnesiana* var. *farnesiana*						+									+					+		+	+	
Fabaceae	*Vigna lanceolata* var. *lanceolata*																					+			
Fabaceae	*Vigna* sp. Hamersley Clay (A.A. Mitchell PRP 113)													+											
Fabaceae	*Zornia albiflora*																								
Goodeniaceae	*Dampiera candicans*					+				+		+													
Goodeniaceae	*Dampiera* sp.																								
Goodeniaceae	*Goodenia armitiana*																								
Goodeniaceae	*Goodenia cusackiana*																								
Goodeniaceae	*Goodenia ? cusackiana*																								
Goodeniaceae	*Goodenia lamprosperma*																								
Goodeniaceae	*Goodenia microptera*											+		+				+							
Goodeniaceae	*Goodenia muelleriana*																								
Goodeniaceae	*Goodenia ? muelleriana*																								
Goodeniaceae	*Goodenia nuda*																								
Goodeniaceae	*Goodenia scaevolina*																								
Goodeniaceae	*Goodenia* sp. 1																								
Goodeniaceae	*Goodenia* sp. 2																								
Goodeniaceae	*Goodenia stobbsiana*					+				+															
Goodeniaceae	*Goodeniaceae* sp.																								
Goodeniaceae	*Scaevola amblyanthera* var. *centralis*																								
Goodeniaceae	*Scaevola ? amblyanthera* var. *centralis*																								
Goodeniaceae	*Scaevola browniana* subsp. *browniana*																								
Goodeniaceae	*Scaevola parvifolia*																								
Goodeniaceae	*Scaevola* sp.																								
Gyrostemonaceae	*Codonocarpus cotinifolius*																								
Haloragaceae	*Gonocarpus ephemerus*																								
Haloragaceae	*Haloragis ? gossei*																								
Haloragaceae	*Haloragis gossei* var. *gossei*																								
Haloragaceae	*Haloragis gossei* ?var. *gossei*																								
Haloragaceae	*Haloragis* sp. 1																								
Haloragaceae	*Haloragis* sp. 2																								
Lamiaceae	*Basilicum polystachyon*																								
Lamiaceae	*Clerodendrum floribundum* var. *angustifolium*																								

Family	Taxa	076	077	078	079	080	081	082	083	084	085	086	087	088	089	090	091	092	093	094	095	096	097	098	099
Lamiaceae	*Clerodendrum floribundum* var. ?*angustifolium*																								
Lamiaceae	*Clerodendrum tomentosum* var. *lanceolatum*																								
Lamiaceae	*Clerodendrum tomentosum* var. *tomentosum*																								
Lamiaceae	*Quoya zonalis* **(T)**																								
Lauraceae	*Cassytha capillaris*						+	+	+																
Lauraceae	*Cassytha filiformis*																					+			
Lauraceae	*Cassytha* sp. 1																								
Lauraceae	*Cassytha* sp. 2																								
Lauraceae	*Cassytha* sp. 3																								
Loganiaceae	*Mitrasacme connata*																								
Loranthaceae	*Lysiana casuarinae*				+																				
Lythraceae	*Ammannia baccifera*																								
Lythraceae	*Ammannia multiflora*																								
Lythraceae	*Ammannia* sp. 1																								
Lythraceae	*Ammannia* sp. 2															+									
Lythraceae	*Ammannia* sp. 3																								
Lythraceae	*Ammannia* sp. 4																								
Malvaceae	*Abutilon fraseri* subsp. *fraseri*																								
Malvaceae	*Abutilon lepidum*																								
Malvaceae	*Abutilon ?leucopetalum*																								
Malvaceae	*Abutilon macrum*																								
Malvaceae	*Abutilon* sp. 1																								
Malvaceae	*Abutilon* sp. 2																								
Malvaceae	*Abutilon* sp. 3																								
Malvaceae	*Abutilon* sp. Dioicum (A.A. Mitchell PRP 1618)	+												+							+				
Malvaceae	*Abutilon* sp. Pilbara (W.R. Barker 2025)																								
Malvaceae	*Brachychiton acuminatus*																								
Malvaceae	*Corchorus incanus*						+																		
Malvaceae	*Corchorus ?incanus*																								
Malvaceae	*Corchorus incanus* subsp. *incanus*																								
Malvaceae	*Corchorus ?incanus* subsp. *incanus*																								
Malvaceae	*Corchorus laniflorus*																			+					
Malvaceae	*Corchorus lasiocarpus* subsp. *lasiocarpus*																								
Malvaceae	*Corchorus parviflorus*	+	+				+	+				+	+	+	+	+	+	+	+	+	+		+	+	
Malvaceae	*Corchorus ?parviflorus*																+								
Malvaceae	*Corchorus* sp. 1																								
Malvaceae	*Corchorus* sp. 2																								
Malvaceae	*Corchorus tridens*													+											
Malvaceae	*Corchorus trilocularis*																								
Malvaceae	*Corchorus walcottii*						+	+	+										+						

Family	Taxa	076	077	078	079	080	081	082	083	084	085	086	087	088	089	090	091	092	093	094	095	096	097	098	099
Malvaceae	*Gossypium australe*			+														+			+				
Malvaceae	*Gossypium robinsonii*																								
Malvaceae	*Hibiscus austrinus* var. *austrinus*																						+		
Malvaceae	*Hibiscus brachychlaenus*																								
Malvaceae	*Hibiscus burtonii*						+																		
Malvaceae	*Hibiscus coatesii*																								
Malvaceae	*Hibiscus goldsworthii*																								
Malvaceae	*Hibiscus leptocladus*							+																	
Malvaceae	*Hibiscus sturtii*																								
Malvaceae	*Hibiscus* ? *sturtii*																								
Malvaceae	? *Hibiscus sturtii*																								
Malvaceae	*Hibiscus sturtii* var. *campylochlamys*								+																
Malvaceae	*Hibiscus sturtii* var. *platychlamys*																								
Malvaceae	MALVACEAE sp. 1																								
Malvaceae	MALVACEAE sp. 2																								
Malvaceae	MALVACEAE sp. 3			+																					
Malvaceae	* *Malvastrum americanum*																								
Malvaceae	*Melhania oblongifolia*																								
Malvaceae	*Seringia nephrosperma*																								
Malvaceae	*Sida arenicola*																								
Malvaceae	*Sida arsiniata*																								
Malvaceae	*Sida cardiophylla*																								
Malvaceae	*Sida clementii*																								
Malvaceae	*Sida echinocarpa*																								
Malvaceae	*Sida* ? *echinocarpa*																								
Malvaceae	*Sida fibulifera*						+																		
Malvaceae	*Sida* ? *fibulifera*																								
Malvaceae	*Sida macropoda*																								
Malvaceae	*Sida* ? *macropoda*																								
Malvaceae	*Sida platycalyx*																								
Malvaceae	*Sida rohlenae* subsp. *rohlenae*													+		+								+	
Malvaceae	*Sida* sp. 1																								
Malvaceae	*Sida* sp. 2																								
Malvaceae	*Sida* sp. 3																								
Malvaceae	*Sida* sp. articulation below (A.A. Mitchell PRP 1605)																								
Malvaceae	*Sida* sp. Excedentifolia (J.L. Egan 1925)									+															
Malvaceae	*Sida* sp. Pilbara (A.A. Mitchell PRP 1543)											+													
Malvaceae	*Sida* sp. spiciform panicles (E. Leyland s.n. 14/8/90)																								
Malvaceae	*Sida spinosa*																	+	+		+				

Family	Taxa	076	077	078	079	080	081	082	083	084	085	086	087	088	089	090	091	092	093	094	095	096	097	098	099
Malvaceae	*Triumfetta appendiculata*																								
Malvaceae	*Triumfetta* ?*appendiculata*																								
Malvaceae	*Triumfetta chaetocarpa*																		+		+				
Malvaceae	*Triumfetta clementii*													+			+								
Malvaceae	*Triumfetta johnstonii*																								
Malvaceae	*Triumfetta leptacantha*																								
Malvaceae	*Triumfetta maconochieana*											+													
Malvaceae	*Triumfetta propinqua*																								
Malvaceae	*Triumfetta ramosa*																								
Malvaceae	*Triumfetta* sp. 1																								
Malvaceae	*Triumfetta* sp. 2																								
Malvaceae	*Waltheria indica*																								
Malvaceae	*Waltheria virgata*																								
Marsileaceae	*Marsilea exarata*																								
Marsileaceae	*Marsilea hirsuta*																								
Marsileaceae	*Marsilea* sp. 1																								
Marsileaceae	*Marsilea* sp. 2																								
Menispermaceae	*Tinospora smilacina*												+												
Molluginaceae	*Hypertelis cerviana*																						+		
Molluginaceae	*Trigastrotheca molluginea*																		+				+		
Montiaceae	*Calandrinia ptychosperma*																								
Montiaceae	*Calandrinia* ?*pumila*																								
Montiaceae	*Calandrinia* ?*stagnensis*																								
Montiaceae	*Calandrinia tepperiana*																					+			+
Moraceae	*Ficus aculeata* var. *indecora*													+		+									
Moraceae	*Ficus brachypoda*																								
Myrtaceae	*Corymbia candida* subsp. *candida*																								
Myrtaceae	*Corymbia* ?*candida* subsp. *candida*																								
Myrtaceae	*Corymbia flavescens*																								
Myrtaceae	*Corymbia hamersleyana*	+	+			+				+			+												
Myrtaceae	*Corymbia* ?*hamersleyana*																								
Myrtaceae	?*Corymbia hamersleyana*																								
Myrtaceae	?*Corymbia* sp.																								
Myrtaceae	*Corymbia* sp. 1																								
Myrtaceae	*Corymbia* sp. 2																								
Myrtaceae	*Corymbia* sp. 3																								
Myrtaceae	*Eucalyptus camaldulensis*																								
Myrtaceae	*Eucalyptus* ?*camaldulensis*																								
Myrtaceae	*Eucalyptus camaldulensis* subsp. *refulgens*										+			+		+						+			
Myrtaceae	*Eucalyptus camaldulensis* ?subsp. *refulgens*																								
Myrtaceae	*Eucalyptus leucophloia*																								

Family	Taxa	076	077	078	079	080	081	082	083	084	085	086	087	088	089	090	091	092	093	094	095	096	097	098	099
Myrtaceae	*Eucalyptus leucophloia* subsp. *leucophloia*					+				+															
Myrtaceae	*Eucalyptus* ? *leucophloia* subsp. *leucophloia*																								
Myrtaceae	*Eucalyptus* sp. 1																								
Myrtaceae	*Eucalyptus* sp. 2																								
Myrtaceae	*Eucalyptus victrix*										+			+											
Myrtaceae	*Melaleuca argentea*																								
Myrtaceae	*Melaleuca bracteata*										+														
Myrtaceae	*Melaleuca glomerata*																					+			
Myrtaceae	*Melaleuca* ? *glomerata*																								
Myrtaceae	*Melaleuca linophylla*																								
Myrtaceae	*Melaleuca* ? *linophylla*																								
Nyctaginaceae	*Boerhavia burbidgeana*																						+		
Nyctaginaceae	*Boerhavia coccinea*													+							+		+	+	
Nyctaginaceae	*Boerhavia* ? *coccinea*																								
Nyctaginaceae	*Boerhavia gardneri*																								
Nyctaginaceae	*Boerhavia* sp.																								
Oleaceae	*Jasminum didymum* subsp. *lineare*																								
Onagraceae	*Ludwigia perennis*																								
Papaveraceae	* *Argemone ochroleuca* subsp. *ochroleuca*																								
Pedaliaceae	*Josephinia eugeniae*																								
Pedaliaceae	*Josephinia* sp. Mt Edgar Station (N.T. Burbidge 1194)																				+				
Phyllanthaceae	*Cathetus* sp.																								
Phyllanthaceae	*Cathetus virgatus*																								
Phyllanthaceae	*Flueggea virosa* subsp. *melanthesoides*													+											
Phyllanthaceae	*Kirganelia baccata*																								
Phyllanthaceae	*Nellica maderaspatensis*																								
Phyllanthaceae	*Notoleptopus decaisnei*																				+				
Phyllanthaceae	*Phyllanthus hebecarpus* **(P3)**																								
Pittosporaceae	*Pittosporum angustifolium*																								
Plantaginaceae	*Stemodia grossa*						+									+						+		+	
Plantaginaceae	*Stemodia kingii*																								
Plantaginaceae	*Stemodia viscosa*																								+
Poaceae	*Aristida burbidgeae*																								
Poaceae	*Aristida contorta*			+	+		+	+	+																
Poaceae	? *Aristida contorta*																+								
Poaceae	*Aristida holathera* var. *holathera*							+											+	+					
Poaceae	*Aristida inaequiglumis*																								
Poaceae	* *Cenchrus ciliaris*										+		+	+	+	+			+	+		+	+	+	
Poaceae	* *Cenchrus setiger*										+			+	+	+			+		+	+	+	+	
Poaceae	*Cenchrus* sp.																				+				

Family	Taxa	076	077	078	079	080	081	082	083	084	085	086	087	088	089	090	091	092	093	094	095	096	097	098	099
Poaceae	*Chloris barbata																					+			+
Poaceae	Chloris pumilio																								
Poaceae	*Chloris virgata																							+	
Poaceae	Chrysopogon fallax																								
Poaceae	Cymbopogon ambiguus				+							+	+					+		+			+	+	
Poaceae	Cymbopogon obtectus																								
Poaceae	Cymbopogon procerus																								
Poaceae	Cynodon convergens																								
Poaceae	*Cynodon dactylon																								
Poaceae	Cynodon prostratus																								
Poaceae	Dactyloctenium radulans																					+		+	+
Poaceae	Dichanthium fecundum																								
Poaceae	Dichanthium sericeum subsp. humilius																								
Poaceae	Digitaria brownii																								
Poaceae	Digitaria ctenantha																								
Poaceae	Diplachne fusca subsp. fusca																								+
Poaceae	*Echinochloa colona																								
Poaceae	Enneapogon caerulescens													+											
Poaceae	Enneapogon ?caerulescens																								
Poaceae	Enneapogon lindleyanus																								
Poaceae	Enneapogon polyphyllus																	+							
Poaceae	Enneapogon sp.																								
Poaceae	Eragrostis crateriformis **(P3)**																								
Poaceae	Eragrostis cumingii																			+				+	
Poaceae	Eragrostis desertorum																								
Poaceae	Eragrostis dielsii																								
Poaceae	Eragrostis eriopoda														+			+	+						
Poaceae	Eragrostis exigua																					+			
Poaceae	*Eragrostis minor																						+		
Poaceae	Eragrostis olida																								
Poaceae	Eragrostis sp. 1		+																						
Poaceae	Eragrostis sp. 2																								
Poaceae	Eragrostis tenellula													+											
Poaceae	Eragrostis ?tenellula																								
Poaceae	Eriachne aristidea																								
Poaceae	Eriachne benthamii																								
Poaceae	Eriachne ciliata							+																	
Poaceae	Eriachne flaccida																								
Poaceae	Eriachne helmsii																								
Poaceae	Eriachne melicacea																								
Poaceae	Eriachne mucronata																			+					

Family	Taxa	076	077	078	079	080	081	082	083	084	085	086	087	088	089	090	091	092	093	094	095	096	097	098	099
Poaceae	*Eriachne obtusa*																								
Poaceae	*Eriachne pulchella*																								
Poaceae	*Eriachne pulchella* subsp. *dominii*																								
Poaceae	*Eriachne pulchella* subsp. *pulchella*						+		+																
Poaceae	*Eriachne* sp. 1																								
Poaceae	*Eriachne* sp. 2																								
Poaceae	*Eriachne* sp. 3																								
Poaceae	*Eriachne* sp. 4																								
Poaceae	*Eriachne* sp. Dugald River (B.K. Simon+ 3007)																								
Poaceae	*Eriachne tenuiculmis*																								
Poaceae	*Eulalia aurea*															+									
Poaceae	*Iseilema dolichotrichum*																								
Poaceae	*Iseilema membranaceum*																								
Poaceae	*Panicum australiense*																								
Poaceae	*Panicum australiense* var. *australiense*																								
Poaceae	*Paraneurachne muelleri*				+			+																	
Poaceae	*Paspalidium basicladum*																								
Poaceae	*Paspalidium clementii*																								
Poaceae	*Paspalidium jubiflorum*																								
Poaceae	*Paspalidium rarum*			+			+														+				
Poaceae	*Perotis rara*													+				+	+					+	+
Poaceae	POACEAE sp. 1																								
Poaceae	POACEAE sp. 2																								
Poaceae	POACEAE sp. 3																								
Poaceae	*Schizachyrium fragile*																								
Poaceae	**Setaria verticillata*																								
Poaceae	*Sporobolus actinocladus*						+																	+	
Poaceae	*Sporobolus australasicus*																								
Poaceae	*Sporobolus ramigerus*																								
Poaceae	*Themeda triandra*											+													
Poaceae	*Themeda ? triandra*																								
Poaceae	*Triodia angusta*																				+				
Poaceae	*Triodia ? angusta*																								
Poaceae	*Triodia brizoides*									+		+													
Poaceae	*Triodia ? brizoides*																								
Poaceae	*Triodia epactia*			+									+	+	+		+	+	+	+	+		+	+	+
Poaceae	*Triodia ? epactia*																								
Poaceae	*Triodia lanigera*																								
Poaceae	*Triodia longiceps*					+	+	+	+	+			+	+	+	+							+		
Poaceae	*Triodia secunda*																								
Poaceae	*Triodia wiseana*	+	+				+	+	+												+				

Family	Taxa	076	077	078	079	080	081	082	083	084	085	086	087	088	089	090	091	092	093	094	095	096	097	098	099
Poaceae	*Triodia ? wiseana*																								
Poaceae	*Tripogonella loliiformis*																								
Poaceae	*Whiteochloa cymbiformis*																								
Polygalaceae	*Polygala glaucifolia*																								
Polygalaceae	*Polygala isingii*																								
Polygalaceae	*Polygala* sp.																								
Portulacaceae	*Portulaca filifolia*																								
Portulacaceae	*Portulaca oleracea*													+									+		
Potamogetonaceae	*Potamogeton tepperi*																								
Proteaceae	*Grevillea pyramidalis* subsp. *leucadendron*		+		+	+		+	+				+					+	+	+	+			+	
Proteaceae	*Grevillea wickhamii*			+	+				+											+					
Proteaceae	*Grevillea wickhamii* subsp. *aprica*																								
Proteaceae	*Grevillea wickhamii* subsp. *hispidula*																								
Proteaceae	*Hakea lorea* subsp. *lorea*	+			+	+				+		+	+					+	+					+	
Pteridaceae	*Cheilanthes sieberi* subsp. *Sieberi*																								
Pteridaceae	*Cheilanthes* sp.																								
Rubiaceae	*Dolichocarpa crouchiana*																								
Rubiaceae	*Synaptantha tillaeacea* var. *tillaeacea*																								
Sapindaceae	*Atalaya hemiglauca*										+			+	+	+						+	+	+	
Sapindaceae	*Dodonaea coriacea*					+				+															
Scrophulariaceae	*Eremophila latrobei* subsp. *glabra*																								
Scrophulariaceae	*Eremophila latrobei* ?subsp. *glabra*																								
Scrophulariaceae	*Eremophila latrobei* subsp. *latrobei*																								
Scrophulariaceae	*Eremophila longifolia*																								
Solanaceae	*Nicotiana benthamiana*																								
Solanaceae	*Nicotiana bilybara*																								
Solanaceae	*Nicotiana occidentalis*																								
Solanaceae	**Physalis angulata*																								
Solanaceae	*Solanum ? centrale*																								
Solanaceae	*Solanum cleistogamum*																								
Solanaceae	*Solanum diversiflorum*																	+							
Solanaceae	*Solanum gabrielae*				+																				
Solanaceae	*Solanum horridum*																								
Solanaceae	*Solanum lasiophyllum*					+						+													
Solanaceae	*Solanum lucani*																								
Solanaceae	**Solanum nigrum*																								
Solanaceae	*Solanum phlomoides*																								
Solanaceae	*Solanum ? phlomoides*																								
Solanaceae	*Solanum* sp.																								
Stylidiaceae	*Stylidium desertorum*																								
Typhaceae	*Typha domingensis*																								

Family	Taxa	076	077	078	079	080	081	082	083	084	085	086	087	088	089	090	091	092	093	094	095	096	097	098	099
Violaceae	*Afrohybanthus aurantiacus*			+	+		+	+	+		+			+	+						+	+	+		
Violaceae	*Afrohybanthus ?aurantiacus*																								
Violaceae	?*Afrohybanthus* sp.																								
Zygophyllaceae	*Tribulus hirsutus*							+																	
Zygophyllaceae	*Tribulus occidentalis*																								
Zygophyllaceae	*Tribulus platypterus*																								
Zygophyllaceae	*Tribulus ?platypterus*																								
Zygophyllaceae	*Tribulus suberosus*					+				+		+													

Sites 100-BR01

Family	Taxa	100	101	102	103r	104	105	106	107	108	109	110	111	AP01	AP02	AP03	AP04	AP05	AP06	AP07	B2	B3	BR01
Acanthaceae	*Rostellularia adscendens* var. *clementii*																						
Aizoaceae	*Trianthema pilosum*																						
Aizoaceae	**Trianthema portulacastrum*																						
Aizoaceae	*Trianthema triquetrum*		+																		+		
Aizoaceae	*Trianthema turgidifolium*																						
Aizoaceae	*Zaleya galericulata* subsp. *galericulata*							+															
Amaranthaceae	*Achyranthes aspera*																				+		
Amaranthaceae	**Aerva javanica*				+			+					+	+									
Amaranthaceae	*Alternanthera denticulata*																						
Amaranthaceae	*Alternanthera denticulata* var. *denticulata*																						
Amaranthaceae	*Alternanthera nana*																			+			
Amaranthaceae	*Amaranthus cuspidifolius*																						
Amaranthaceae	*Amaranthus undulatus*		+	+									+								+		
Amaranthaceae	*Gomphrena canescens*										+												
Amaranthaceae	*Gomphrena cunninghamii*									+		+				+							
Amaranthaceae	*Gomphrena kanisii*																						
Amaranthaceae	*Gomphrena lanata*																						
Amaranthaceae	*Gomphrena leptoclada* subsp. *leptoclada*															+							
Amaranthaceae	*Ptilotus astrolasius*										+												
Amaranthaceae	*Ptilotus auriculifolius*				+						+		+	+	+	+			+				
Amaranthaceae	*Ptilotus axillaris*																						
Amaranthaceae	*Ptilotus calostachyus*										+												
Amaranthaceae	*Ptilotus clementii*																						
Amaranthaceae	*Ptilotus exaltatus*													+									
Amaranthaceae	*Ptilotus fusiformis*															+	+						
Amaranthaceae	*Ptilotus gomphrenoides*																						
Amaranthaceae	*Ptilotus incanus*												+										
Amaranthaceae	*Ptilotus mollis* **(P4)**																						
Amaranthaceae	*Ptilotus obovatus*									+													
Amaranthaceae	*Ptilotus* sp.																						
Amaranthaceae	?*Ptilotus* sp.																						
Apocynaceae	**Calotropis procera*		+																	+			
Apocynaceae	*Carissa lanceolata*																						
Apocynaceae	*Cynanchum floribundum*																						
Apocynaceae	*Cynanchum viminale* subsp. *australe*																						
Apocynaceae	*Gymnanthera cunninghamii* **(P3)**																						
Apocynaceae	*Gymnema erectum*										+												
Apocynaceae	*Vincetoxicum flexuosum*																						
Araliaceae	*Trachymene oleracea*																						

Family	Taxa	100	101	102	103r	104	105	106	107	108	109	110	111	AP01	AP02	AP03	AP04	AP05	AP06	AP07	B2	B3	BR01
Araliaceae	*Trachymene oleracea* subsp. *oleracea*															+							
Araliaceae	*Trachymene pilbarensis*																						
Asteraceae	*Blumea tenella*																			+			
Asteraceae	*Centipeda minima* subsp. *macrocephala*																						
Asteraceae	*Chrysocephalum apiculatum* subsp. *pilbarense*																						
Asteraceae	*Chrysocephalum* sp.																						
Asteraceae	**Flaveria trinervia*																						
Asteraceae	*Olearia fluvialis*																						
Asteraceae	*Pentalepis trichodesmoides* subsp. *trichodesmoides*																						
Asteraceae	*Pluchea dentex*																						
Asteraceae	*Pluchea ferdinandi-muelleri*	+	+											+							+		
Asteraceae	*Pluchea rubelliflora*		+																				
Asteraceae	*?Pluchea rubelliflora*																						
Asteraceae	*Pluchea tetranthera*													+									
Asteraceae	*Pterocaulon serrulatum* var. *velutinum*																						
Asteraceae	*Pterocaulon sphacelatum*									+			+										
Asteraceae	**Sonchus oleraceus*																						
Asteraceae	*Streptoglossa ?bubakii*																						
Asteraceae	*Streptoglossa decurrens*																						
Asteraceae	*Streptoglossa ?decurrens*																						
Asteraceae	*Vittadinia dissecta* var. *hirta*																						
Bixaceae	*Cochlospermum macnamarae* **(P1)**																						
Boraginaceae	*Ehretia saligna* var. *saligna*							+															
Boraginaceae	*Euploca chrysocarpa*													+									
Boraginaceae	*Euploca ?chrysocarpa*																						
Boraginaceae	*Euploca conocarpa*																						
Boraginaceae	*Euploca cunninghamii*																		+				
Boraginaceae	*Euploca ?cunninghamii*																						
Boraginaceae	*Euploca heterantha*																		+				
Boraginaceae	*Euploca pachyphylla*																						
Boraginaceae	*Euploca ?pachyphylla*																						
Boraginaceae	*Euploca skeleton*																						
Boraginaceae	*Euploca tanythrix*																						
Boraginaceae	*Euploca tenuifolia*																						
Boraginaceae	*Heliotropium crispatum*												+	+							+		
Boraginaceae	*Heliotropium murinum* **(P3)**																						
Boraginaceae	*Heliotropium ?murinum* **(P3)**																						
Boraginaceae	*Heliotropium* sp. 1																						
Boraginaceae	*Heliotropium* sp. 2																						

Family	Taxa	100	101	102	103r	104	105	106	107	108	109	110	111	AP01	AP02	AP03	AP04	AP05	AP06	AP07	B2	B3	BR01
Boraginaceae	*Trichodesma zeylanicum*									+			+	+									
Boraginaceae	*Trichodesma zeylanicum* var. *zeylanicum*																	+					
Brassicaceae	*Lepidium pedicellosum*																						
Byblidaceae	*Byblis pilbarana*																						
Campanulaceae	*Wahlenbergia tumidifructa*																						
Capparaceae	*Capparis spinosa* subsp. *nummularia*																						
Caryophyllaceae	*Polycarpaea corymbosa* var. *corymbosa*																	+					
Caryophyllaceae	*Polycarpaea holtzei*															+							
Caryophyllaceae	*Polycarpaea longiflora*										+												
Celastraceae	*Stackhousia intermedia*																						
Celastraceae	*Stackhousia ?intermedia*																						
Celastraceae	*Stackhousia muricata*																						
Chenopodiaceae	*Dysphania kalpari*																						
Chenopodiaceae	*Dysphania plantaginella*																						
Chenopodiaceae	*Dysphania rhadinostachya*																						
Chenopodiaceae	*Dysphania rhadinostachya* subsp. *inflata*																						
Chenopodiaceae	*Dysphania rhadinostachya* subsp. *rhadinostachya*									+	+												
Chenopodiaceae	*Dysphania* sp.																						
Chenopodiaceae	?*Dysphania* sp.																						
Chenopodiaceae	*Dysphania sphaerosperma*																						
Chenopodiaceae	*Sclerolaena costata*																						
Chenopodiaceae	*Sclerolaena densiflora*																						
Chenopodiaceae	*Sclerolaena hostilis*																						
Cleomaceae	*Arivela viscosa*	+	+	+	+										+	+	+	+	+	+	+		+
Combretaceae	*Terminalia circumalata*																+						
Combretaceae	*Terminalia* sp.																						
Combretaceae	?*Terminalia* sp. 1																						
Combretaceae	?*Terminalia* sp. 2																						
Combretaceae	?*Terminalia* sp. 3																						
Combretaceae	?*Terminalia* sp. 4																						
Commelinaceae	*Commelina ensifolia*			+																	+		
Convolvulaceae	*Bonamia alatisemina*																						
Convolvulaceae	*Bonamia ?alatisemina*																						
Convolvulaceae	*Bonamia erecta*																						+
Convolvulaceae	*Bonamia linearis*																						
Convolvulaceae	*Bonamia media*					+					+												
Convolvulaceae	*Bonamia ?media*										+												
Convolvulaceae	*Bonamia pannosa*				+																		
Convolvulaceae	*Bonamia pilbarensis*				+																		
Convolvulaceae	*Bonamia ?pilbarensis*																						

Family	Taxa	100	101	102	103r	104	105	106	107	108	109	110	111	AP01	AP02	AP03	AP04	AP05	AP06	AP07	B2	B3	BR01
Convolvulaceae	*Bonamia* sp. 1																						
Convolvulaceae	*Bonamia* sp. 2																						
Convolvulaceae	*Evolvulus alsinoides*																						
Convolvulaceae	*Evolvulus alsinoides* var. *villosicalyx*							+															
Convolvulaceae	*Ipomoea coptica*																					+	
Convolvulaceae	*Ipomoea lonchophylla*																						
Convolvulaceae	*Ipomoea muelleri*				+															+			
Convolvulaceae	*Ipomoea polymorpha*																						
Convolvulaceae	*Operculina aequisepala*																						
Convolvulaceae	*Polymeria ambigua*													+									+
Convolvulaceae	*Polymeria calycina*																						
Convolvulaceae	*Polymeria lanata*																						
Convolvulaceae	*Polymeria mollis*																						+
Convolvulaceae	*Polymeria* ? *mollis*																						
Cucurbitaceae	*Austrobryonia pilbarensis*																						
Cucurbitaceae	**Citrullus colocynthis*		+																				
Cucurbitaceae	*Cucumis melo*																						
Cucurbitaceae	**Cucumis myriocarpus* subsp. *myriocarpus*																						
Cucurbitaceae	*Cucumis* sp. Chichester Range (A.A. Mitchell et al. AAM 10691)																						
Cucurbitaceae	*Cucumis variabilis*	+	+					+	+			+	+				+	+			+		
Cucurbitaceae	*Trichosanthes cucumerina* var. *cucumerina*																						
Cyperaceae	*Bulbostylis barbata*															+							+
Cyperaceae	*Bulbostylis burbidgeae* **(P4)**																						
Cyperaceae	*Bulbostylis turbinata*																						
Cyperaceae	*Cyperus bifax*			+																	+		
Cyperaceae	*Cyperus bulbosus*	+																					
Cyperaceae	*Cyperus cunninghamii* subsp. *cunninghamii*																						
Cyperaceae	*Cyperus dactylotes*																						
Cyperaceae	*Cyperus difformis*																						
Cyperaceae	*Cyperus hesperius*								+	+						+	+						
Cyperaceae	*Cyperus ixiocarpus*																						
Cyperaceae	*Cyperus microcephalus* subsp. *microcephalus*																+						
Cyperaceae	*Cyperus* sp. 1																						
Cyperaceae	*Cyperus* sp. 2																						
Cyperaceae	*Cyperus squarrosus*																						
Cyperaceae	*Cyperus vaginatus*		+																	+			
Cyperaceae	*Fimbristylis dichotoma*																+						
Cyperaceae	*Fimbristylis elegans*																						
Cyperaceae	*Fimbristylis simulans*																						
Cyperaceae	*Fimbristylis* sp.																						

Family	Taxa	100	101	102	103r	104	105	106	107	108	109	110	111	AP01	AP02	AP03	AP04	AP05	AP06	AP07	B2	B3	BR01
Cyperaceae	*Fuirena ciliaris*																						
Elatinaceae	*Bergia pedicellaris*																						
Euphorbiaceae	*Adriana tomentosa*															+							
Euphorbiaceae	*Adriana tomentosa* var. *tomentosa*																						
Euphorbiaceae	*Adriana tomentosa* ?var. *tomentosa*																						
Euphorbiaceae	*Euphorbia ? australis*																						
Euphorbiaceae	*Euphorbia australis* var. *subtomentosa*	+		+	+						+			+						+	+		
Euphorbiaceae	*Euphorbia biconvexa*																						
Euphorbiaceae	*Euphorbia boophthona*							+															
Euphorbiaceae	*Euphorbia careyi*																						
Euphorbiaceae	*Euphorbia coghlanii*	+		+										+						+			+
Euphorbiaceae	*Euphorbia inappendiculata* var. *inappendiculata* **(P3)**					+					+												
Euphorbiaceae	*Euphorbia* sp. 1																						
Euphorbiaceae	*Euphorbia* sp. 2																						
Euphorbiaceae	*Euphorbia tannensis* subsp. *eremophila*																	+					
Euphorbiaceae	*Euphorbia ? tannensis* subsp. *eremophila*																						
Euphorbiaceae	*Euphorbia trigonosperma*																						
Euphorbiaceae	*Mallotus nesophilus*																						
Fabaceae	*Acacia acradenia*														+				+				
Fabaceae	*Acacia adoxa* var. *adoxa*																						
Fabaceae	*Acacia adsurgens*																						
Fabaceae	*Acacia ampliceps*	+	+	+																			
Fabaceae	*Acacia ampliceps x sclerosperma* subsp. *sclerosperma*																						
Fabaceae	*Acacia ancistrocarpa*																						
Fabaceae	*Acacia aptaneura*																						
Fabaceae	*Acacia arida*																						
Fabaceae	*Acacia bivenosa*											+		+								+	
Fabaceae	*Acacia ? bivenosa*																						
Fabaceae	*Acacia colei*																					+	
Fabaceae	*Acacia colei* var. *colei*																						
Fabaceae	*Acacia colei* ?var. *colei*																						
Fabaceae	*Acacia coriacea* subsp. *pendens*																						
Fabaceae	*Acacia elachantha*																						
Fabaceae	*Acacia eriopoda*																						
Fabaceae	*Acacia eriopoda x trachycarpa*																						
Fabaceae	*Acacia hilliana*																						
Fabaceae	*Acacia holosericea*																						
Fabaceae	*Acacia inaequilatera*				+	+	+				+	+			+			+					+
Fabaceae	*Acacia levata* **(P3)**																						

Family	Taxa	100	101	102	103r	104	105	106	107	108	109	110	111	AP01	AP02	AP03	AP04	AP05	AP06	AP07	B2	B3	BR01
Fabaceae	*Acacia maitlandii*																						
Fabaceae	*Acacia monticola*																						
Fabaceae	*Acacia orthocarpa*					+									+								+
Fabaceae	*Acacia pruinocarpa*																						
Fabaceae	*Acacia ptychophylla*																						
Fabaceae	*Acacia pyrifolia*										+												
Fabaceae	*Acacia pyrifolia* var. *morrisonii*																						
Fabaceae	*Acacia pyrifolia* var. *pyrifolia*																						
Fabaceae	*Acacia retivenea* subsp. *clandestina*															+							
Fabaceae	*Acacia sericophylla*																			+			
Fabaceae	*Acacia sibirica*																						
Fabaceae	*Acacia* sp. 1																						
Fabaceae	*Acacia* sp. 2																						
Fabaceae	*Acacia* sp. 3																						
Fabaceae	*Acacia* sp. 4																						
Fabaceae	*Acacia* sp. 5																						
Fabaceae	*Acacia* sp. 6																						
Fabaceae	*Acacia* sp. 7																						
Fabaceae	*Acacia* sp. 8																						
Fabaceae	*Acacia* sp. 9																						+
Fabaceae	*Acacia sphaerostachya*																						
Fabaceae	*Acacia spondylophylla*										+												
Fabaceae	*Acacia stellaticeps*																						
Fabaceae	*Acacia synchronicia*																						
Fabaceae	*Acacia trachycarpa*	+		+														+			+		
Fabaceae	*Acacia trachycarpa x tumida* var. *pilbarensis*																						
Fabaceae	*Acacia tumida* var. *pilbarensis*						+										+						+
Fabaceae	*Acacia victoriae* subsp. *victoriae*																		+				
Fabaceae	*Alysicarpus muelleri*																			+			
Fabaceae	*Cajanus cinereus*																						
Fabaceae	*Cajanus* ? *cinereus*																						
Fabaceae	*Cajanus pubescens*												+										
Fabaceae	*Cajanus* sp. 1																						
Fabaceae	*Cajanus* sp. 2																						
Fabaceae	*Cajanus* sp. 3																						
Fabaceae	*Crotalaria cunninghamii* subsp. *sturtii*	+	+									+									+		
Fabaceae	*Crotalaria* ? *cunninghamii* subsp. *sturtii*	+																					
Fabaceae	*Crotalaria medicaginea* var. *neglecta*														+				+				
Fabaceae	*Crotalaria novae-hollandiae* subsp. *novae-hollandiae*																						
Fabaceae	*Cullen lachnostachys*																						

Family	Taxa	100	101	102	103r	104	105	106	107	108	109	110	111	AP01	AP02	AP03	AP04	AP05	AP06	AP07	B2	B3	BR01
Fabaceae	*Cullen leucanthum*																						
Fabaceae	*Cullen leucochaites*																						
Fabaceae	*Cullen martinii*																						
Fabaceae	*Cullen pallidum*																						
Fabaceae	*Cullen pogonocarpum*																						
Fabaceae	*Cullen pustulatum*	+	+																				
Fabaceae	*Cullen* ?*pustulatum*																						
Fabaceae	*Cullen* sp. 1																						
Fabaceae	*Cullen* sp. 2																						
Fabaceae	*Cullen stipulaceum*																						
Fabaceae	*Dichrostachys spicata*																						
Fabaceae	*Erythrina vespertilio*																			+			
Fabaceae	*Glycine canescens*																						
Fabaceae	*Grona filiformis*																						
Fabaceae	*Indigastrum parviflorum*																						
Fabaceae	*Indigofera colutea*																						
Fabaceae	*Indigofera deserticola*																					+	
Fabaceae	*Indigofera hirsuta*																						
Fabaceae	*Indigofera linifolia*	+																					
Fabaceae	*Indigofera linnaei*																						
Fabaceae	*Indigofera monophylla*									+				+				+					+
Fabaceae	*Indigofera rugosa*																						
Fabaceae	**Indigofera sessiliflora*																						
Fabaceae	*Indigofera* sp. 1																						
Fabaceae	*Indigofera* sp. 2			+																			
Fabaceae	*Indigofera* sp. 3											+											
Fabaceae	*Indigofera trita*																						
Fabaceae	*Indigofera trita* subsp. *trita*																						
Fabaceae	*Indigofera trita* ?subsp. *trita*			+																			
Fabaceae	*Isotropis atropurpurea*																						
Fabaceae	*Neptunia* sp.																						
Fabaceae	*Petalostylis labicheoides*																						
Fabaceae	*Rhynchosia australis*													+	+			+					
Fabaceae	*Rhynchosia minima*			+																	+		
Fabaceae	*Rhynchosia* sp. 1																						
Fabaceae	*Rhynchosia* sp. 2																						
Fabaceae	*Rhynchosia* sp. 3																						
Fabaceae	*Rhynchosia* sp. 4	+																					
Fabaceae	*Rhynchosia* sp. 5							+			+												
Fabaceae	*Rhynchosia* sp. 6																						
Fabaceae	*Senna artemisioides* subsp. *helmsii*																						

Family	Taxa	100	101	102	103r	104	105	106	107	108	109	110	111	AP01	AP02	AP03	AP04	AP05	AP06	AP07	B2	B3	BR01
Fabaceae	*Senna artemisioides* subsp. *helmsii x oligophylla*																						
Fabaceae	*Senna artemisioides* subsp. *oligophylla*				+						+								+				
Fabaceae	*Senna ferraria*																						
Fabaceae	*Senna glaucifolia*																						
Fabaceae	*Senna glutinosa*																						
Fabaceae	*Senna* ? *glutinosa*																						
Fabaceae	*Senna glutinosa* subsp. *glutinosa*						+			+							+	+	+				
Fabaceae	*Senna glutinosa* subsp. *pruinosa*																						
Fabaceae	*Senna glutinosa* subsp. *x luerssenii*																						
Fabaceae	*Senna notabilis*	+		+							+					+					+		+
Fabaceae	*Senna symonii*													+					+	+			
Fabaceae	*Senna venusta*																+						
Fabaceae	*Sesbania cannabina*	+		+																+			
Fabaceae	*Sesbania formosa*																						
Fabaceae	*Swainsona decurrens*																	+					
Fabaceae	*Swainsona formosa*																						
Fabaceae	*Swainsona* ? *formosa*																						
Fabaceae	*Swainsona* sp. 1																						
Fabaceae	*Swainsona* sp. 2																						
Fabaceae	*Swainsona stenodonta*																						
Fabaceae	*Templetonia hookeri*																						
Fabaceae	*Tephrosia clementii*																						
Fabaceae	*Tephrosia densa*											+											
Fabaceae	*Tephrosia leptoclada*																						
Fabaceae	*Tephrosia rosea*																						
Fabaceae	*Tephrosia rosea* var. *clementii*																	+					+
Fabaceae	*Tephrosia rosea* ?var. *clementii*																						
Fabaceae	? *Tephrosia* sp.																						
Fabaceae	*Tephrosia* sp. 1																						
Fabaceae	*Tephrosia* sp. 2																						
Fabaceae	*Tephrosia* sp. B Kimberley Flora (C.A. Gardner 7300)																						
Fabaceae	*Tephrosia* sp. Bungaroo Creek (M.E. Trudgen 11601)																					+	
Fabaceae	*Tephrosia* sp. clay soils (S. van Leeuwen et al. PBS 0273)																						
Fabaceae	*Tephrosia* sp. D Kimberley Flora (R.D. Royce 1848)																						
Fabaceae	*Tephrosia* sp. Newman (A.A. Mitchell PRP 29)																						

Family	Taxa	100	101	102	103r	104	105	106	107	108	109	110	111	AP01	AP02	AP03	AP04	AP05	AP06	AP07	B2	B3	BR01
Fabaceae	*Tephrosia* sp. *NW Eremaean (S. van Leeuwen et al. PBS 0356)*																						
Fabaceae	*Tephrosia supina*																						
Fabaceae	*Tephrosia* ? *supina*																						
Fabaceae	*Tephrosia virens*																						
Fabaceae	*Tephrosia* ? *virens*															+							
Fabaceae	* *Vachellia farnesiana* var. *farnesiana*		+																	+	+		
Fabaceae	*Vigna lanceolata* var. *lanceolata*																						
Fabaceae	*Vigna* sp. Hamersley Clay (A.A. Mitchell PRP 113)	+																					
Fabaceae	*Zornia albiflora*																						
Goodeniaceae	*Dampiera candicans*																						
Goodeniaceae	*Dampiera* sp.																+						
Goodeniaceae	*Goodenia armitiana*																						
Goodeniaceae	*Goodenia cusackiana*										+												
Goodeniaceae	*Goodenia* ? *cusackiana*																						
Goodeniaceae	*Goodenia lamprosperma*																						
Goodeniaceae	*Goodenia microptera*				+												+					+	
Goodeniaceae	*Goodenia muelleriana*													+					+				
Goodeniaceae	*Goodenia* ? *muelleriana*																						
Goodeniaceae	*Goodenia nuda*										+												
Goodeniaceae	*Goodenia scaevolina*						+																
Goodeniaceae	*Goodenia* sp. 1																						
Goodeniaceae	*Goodenia* sp. 2																						
Goodeniaceae	*Goodenia stobbsiana*																						
Goodeniaceae	*Goodeniaceae* sp.																						
Goodeniaceae	*Scaevola amblyanthera* var. *centralis*																					+	
Goodeniaceae	*Scaevola* ? *amblyanthera* var. *centralis*																						
Goodeniaceae	*Scaevola browniana* subsp. *browniana*																						
Goodeniaceae	*Scaevola parvifolia*																						
Goodeniaceae	*Scaevola* sp.																						
Gyrostemonaceae	*Codonocarpus cotinifolius*																						
Haloragaceae	*Gonocarpus ephemerus*																						
Haloragaceae	*Haloragis* ? *gossei*																						
Haloragaceae	*Haloragis gossei* var. *gossei*																						
Haloragaceae	*Haloragis gossei* ?var. *gossei*																						
Haloragaceae	*Haloragis* sp. 1																						
Haloragaceae	*Haloragis* sp. 2																						
Lamiaceae	*Basilicum polystachyon*																			+			
Lamiaceae	*Clerodendrum floribundum* var. *angustifolium*							+															

Family	Taxa	100	101	102	103r	104	105	106	107	108	109	110	111	AP01	AP02	AP03	AP04	AP05	AP06	AP07	B2	B3	BR01
Lamiaceae	*Clerodendrum floribundum* var. ?*angustifolium*												+										
Lamiaceae	*Clerodendrum tomentosum* var. *lanceolatum*																						
Lamiaceae	*Clerodendrum tomentosum* var. *tomentosum*																						
Lamiaceae	*Quoya zonalis* **(T)**																						
Lauraceae	*Cassytha capillaris*			+																			
Lauraceae	*Cassytha filiformis*		+																				
Lauraceae	*Cassytha* sp. 1																						
Lauraceae	*Cassytha* sp. 2																						
Lauraceae	*Cassytha* sp. 3													+									
Loganiaceae	*Mitrasacme connata*																						
Loranthaceae	*Lysiana casuarinae*																						
Lythraceae	*Ammannia baccifera*																						
Lythraceae	*Ammannia multiflora*																						
Lythraceae	*Ammannia* sp. 1																						
Lythraceae	*Ammannia* sp. 2																						
Lythraceae	*Ammannia* sp. 3																						
Lythraceae	*Ammannia* sp. 4																						
Malvaceae	*Abutilon fraseri* subsp. *fraseri*																						
Malvaceae	*Abutilon lepidum*																						
Malvaceae	*Abutilon* ?*leucopetalum*																						
Malvaceae	*Abutilon macrum*																						
Malvaceae	*Abutilon* sp. 1																						
Malvaceae	*Abutilon* sp. 2																						
Malvaceae	*Abutilon* sp. 3																						
Malvaceae	*Abutilon* sp. Dioicum (A.A. Mitchell PRP 1618)										+												
Malvaceae	*Abutilon* sp. Pilbara (W.R. Barker 2025)																						
Malvaceae	*Brachychiton acuminatus*							+					+										
Malvaceae	*Corchorus incanus*																						
Malvaceae	*Corchorus* ?*incanus*																						
Malvaceae	*Corchorus incanus* subsp. *incanus*					+		+						+				+					
Malvaceae	*Corchorus* ?*incanus* subsp. *incanus*																						
Malvaceae	*Corchorus laniflorus*															+							
Malvaceae	*Corchorus lasiocarpus* subsp. *lasiocarpus*																						
Malvaceae	*Corchorus parviflorus*	+	+	+	+				+		+	+	+								+	+	
Malvaceae	*Corchorus* ?*parviflorus*																						
Malvaceae	*Corchorus* sp. 1																						
Malvaceae	*Corchorus* sp. 2																						
Malvaceae	*Corchorus tridens*		+																				
Malvaceae	*Corchorus trilocularis*																						
Malvaceae	*Corchorus walcottii*																						

Family	Taxa	100	101	102	103r	104	105	106	107	108	109	110	111	AP01	AP02	AP03	AP04	AP05	AP06	AP07	B2	B3	BR01
Malvaceae	*Gossypium australe*							+		+				+				+				+	
Malvaceae	*Gossypium robinsonii*																						
Malvaceae	*Hibiscus austrinus* var. *austrinus*	+																					
Malvaceae	*Hibiscus brachychlaenus*																						
Malvaceae	*Hibiscus burtonii*																						
Malvaceae	*Hibiscus coatesii*									+	+												
Malvaceae	*Hibiscus goldsworthii*								+				+										
Malvaceae	*Hibiscus leptocladus*																						
Malvaceae	*Hibiscus sturtii*																						
Malvaceae	*Hibiscus* ? *sturtii*	+																					
Malvaceae	? *Hibiscus sturtii*																						
Malvaceae	*Hibiscus sturtii* var. *campylochlamys*																						+
Malvaceae	*Hibiscus sturtii* var. *platychlamys*																						
Malvaceae	MALVACEAE sp. 1																						
Malvaceae	MALVACEAE sp. 2																						
Malvaceae	MALVACEAE sp. 3																						
Malvaceae	* *Malvastrum americanum*																						
Malvaceae	*Melhania oblongifolia*																						
Malvaceae	*Seringia nephrosperma*																						
Malvaceae	*Sida arenicola*																						
Malvaceae	*Sida arsiniata*																						
Malvaceae	*Sida cardiophylla*																						
Malvaceae	*Sida clementii*																						
Malvaceae	*Sida echinocarpa*																						
Malvaceae	*Sida* ? *echinocarpa*																						
Malvaceae	*Sida fibulifera*																						
Malvaceae	*Sida* ? *fibulifera*																						
Malvaceae	*Sida macropoda*																+						
Malvaceae	*Sida* ? *macropoda*																						
Malvaceae	*Sida platycalyx*																						
Malvaceae	*Sida rohlenae* subsp. *rohlenae*								+														
Malvaceae	*Sida* sp. 1									+													
Malvaceae	*Sida* sp. 2																						
Malvaceae	*Sida* sp. 3									+													
Malvaceae	*Sida* sp. articulation below (A.A. Mitchell PRP 1605)																						
Malvaceae	*Sida* sp. Excedentifolia (J.L. Egan 1925)																						
Malvaceae	*Sida* sp. Pilbara (A.A. Mitchell PRP 1543)																						
Malvaceae	*Sida* sp. spiciform panicles (E. Leyland s.n. 14/8/90)																						
Malvaceae	*Sida spinosa*																						

Family	Taxa	100	101	102	103r	104	105	106	107	108	109	110	111	AP01	AP02	AP03	AP04	AP05	AP06	AP07	B2	B3	BR01
Malvaceae	*Triumfetta appendiculata*																						
Malvaceae	*Triumfetta* ? *appendiculata*																						
Malvaceae	*Triumfetta chaetocarpa*															+							
Malvaceae	*Triumfetta clementii*															+							
Malvaceae	*Triumfetta johnstonii*																						
Malvaceae	*Triumfetta leptacantha*																						
Malvaceae	*Triumfetta maconochieana*								+		+		+										
Malvaceae	*Triumfetta propinqua*																						
Malvaceae	*Triumfetta ramosa*																						
Malvaceae	*Triumfetta* sp. 1																						
Malvaceae	*Triumfetta* sp. 2																						
Malvaceae	*Waltheria indica*																						
Malvaceae	*Waltheria virgata*										+												
Marsileaceae	*Marsilea exarata*																						
Marsileaceae	*Marsilea hirsuta*																			+			
Marsileaceae	*Marsilea* sp. 1																						
Marsileaceae	*Marsilea* sp. 2																						
Menispermaceae	*Tinospora smilacina*							+					+			+							
Molluginaceae	*Hypertelis cerviana*																						
Molluginaceae	*Trigastrotheca molluginea*				+	+					+					+							
Montiaceae	*Calandrinia ptychosperma*																						
Montiaceae	*Calandrinia* ? *pumila*																						
Montiaceae	*Calandrinia* ? *stagnensis*																						
Montiaceae	*Calandrinia tepperiana*		+	+																			
Moraceae	*Ficus aculeata* var. *indecora*												+										
Moraceae	*Ficus brachypoda*								+	+	+						+						
Myrtaceae	*Corymbia candida* subsp. *candida*									+													
Myrtaceae	*Corymbia* ? *candida* subsp. *candida*																						
Myrtaceae	*Corymbia flavescens*																						
Myrtaceae	*Corymbia hamersleyana*				+									+					+			+	+
Myrtaceae	*Corymbia* ? *hamersleyana*																						
Myrtaceae	? *Corymbia hamersleyana*																						
Myrtaceae	? *Corymbia* sp.																						
Myrtaceae	*Corymbia* sp. 1										+												
Myrtaceae	*Corymbia* sp. 2						+																
Myrtaceae	*Corymbia* sp. 3									+													
Myrtaceae	*Eucalyptus camaldulensis*																						
Myrtaceae	*Eucalyptus* ? *camaldulensis*																						
Myrtaceae	*Eucalyptus camaldulensis* subsp. *refulgens*		+																	+			
Myrtaceae	*Eucalyptus camaldulensis* ?subsp. *refulgens*																						
Myrtaceae	*Eucalyptus leucophloia*																						

Family	Taxa	100	101	102	103r	104	105	106	107	108	109	110	111	AP01	AP02	AP03	AP04	AP05	AP06	AP07	B2	B3	BR01
Myrtaceae	*Eucalyptus leucophloia* subsp. *leucophloia*									+													
Myrtaceae	*Eucalyptus* ? *leucophloia* subsp. *leucophloia*																						
Myrtaceae	*Eucalyptus* sp. 1						+																
Myrtaceae	*Eucalyptus* sp. 2												+										
Myrtaceae	*Eucalyptus victrix*																						
Myrtaceae	*Melaleuca argentea*																			+			
Myrtaceae	*Melaleuca bracteata*		+																				
Myrtaceae	*Melaleuca glomerata*		+	+																			
Myrtaceae	*Melaleuca* ? *glomerata*																						
Myrtaceae	*Melaleuca linophylla*																			+			
Myrtaceae	*Melaleuca* ? *linophylla*																						
Nyctaginaceae	*Boerhavia burbidgeana*																						
Nyctaginaceae	*Boerhavia coccinea*		+	+	+																+		
Nyctaginaceae	*Boerhavia* ? *coccinea*																						
Nyctaginaceae	*Boerhavia gardneri*							+				+	+	+				+	+				
Nyctaginaceae	*Boerhavia* sp.																						
Oleaceae	*Jasminum didymum* subsp. *lineare*																						
Onagraceae	*Ludwigia perennis*																						
Papaveraceae	* *Argemone ochroleuca* subsp. *ochroleuca*																			+			
Pedaliaceae	*Josephinia eugeniae*																						
Pedaliaceae	*Josephinia* sp. Mt Edgar Station (N.T. Burbidge 1194)																						
Phyllanthaceae	*Cathetus* sp.																						
Phyllanthaceae	*Cathetus virgatus*																						
Phyllanthaceae	*Flueggea virosa* subsp. *melanthesoides*												+										
Phyllanthaceae	*Kirganelia baccata*																						
Phyllanthaceae	*Nellica maderaspatensis*	+	+															+					
Phyllanthaceae	*Notoleptopus decaisnei*																				+		+
Phyllanthaceae	*Phyllanthus hebecarpus* **(P3)**																						
Pittosporaceae	*Pittosporum angustifolium*																						
Plantaginaceae	*Stemodia grossa*	+	+	+													+			+			
Plantaginaceae	*Stemodia kingii*																						
Plantaginaceae	*Stemodia viscosa*	+																					
Poaceae	*Aristida burbidgeae*							+	+				+										
Poaceae	*Aristida contorta*																						
Poaceae	? *Aristida contorta*																						
Poaceae	*Aristida holathera* var. *holathera*																						
Poaceae	*Aristida inaequiglumis*																						
Poaceae	* *Cenchrus ciliaris*	+	+					+	+			+	+							+			
Poaceae	* *Cenchrus setiger*	+	+	+																+	+		
Poaceae	*Cenchrus* sp.																						

Family	Taxa	100	101	102	103r	104	105	106	107	108	109	110	111	AP01	AP02	AP03	AP04	AP05	AP06	AP07	B2	B3	BR01
Poaceae	*Chloris barbata		+	+																			
Poaceae	Chloris pumilio																						
Poaceae	*Chloris virgata																						
Poaceae	Chrysopogon fallax																					+	
Poaceae	Cymbopogon ambiguus	+							+	+	+	+	+		+	+	+	+					
Poaceae	Cymbopogon obtectus																						
Poaceae	Cymbopogon procerus																						
Poaceae	Cynodon convergens																						
Poaceae	*Cynodon dactylon																			+			
Poaceae	Cynodon prostratus																						
Poaceae	Dactyloctenium radulans	+	+	+										+									
Poaceae	Dichanthium fecundum																						
Poaceae	Dichanthium sericeum subsp. humilius																						
Poaceae	Digitaria brownii																						
Poaceae	Digitaria ctenantha																						
Poaceae	Diplachne fusca subsp. fusca			+																			
Poaceae	*Echinochloa colona																			+			
Poaceae	Enneapogon caerulescens																						
Poaceae	Enneapogon ?caerulescens																						
Poaceae	Enneapogon lindleyanus			+				+			+												
Poaceae	Enneapogon polyphyllus																						
Poaceae	Enneapogon sp.																						
Poaceae	Eragrostis crateriformis **(P3)**																						
Poaceae	Eragrostis cumingii																+						
Poaceae	Eragrostis desertorum																						
Poaceae	Eragrostis dielsii				+																		
Poaceae	Eragrostis eriopoda		+																				
Poaceae	Eragrostis exigua																						
Poaceae	*Eragrostis minor																						
Poaceae	Eragrostis olida																						
Poaceae	Eragrostis sp. 1																						
Poaceae	Eragrostis sp. 2																						
Poaceae	Eragrostis tenellula																+			+			
Poaceae	Eragrostis ?tenellula																						
Poaceae	Eriachne aristidea				+																		
Poaceae	Eriachne benthamii	+																					
Poaceae	Eriachne ciliata																						
Poaceae	Eriachne flaccida																						
Poaceae	Eriachne helmsii																						
Poaceae	Eriachne melicacea																						
Poaceae	Eriachne mucronata															+	+						

Family	Taxa	100	101	102	103r	104	105	106	107	108	109	110	111	AP01	AP02	AP03	AP04	AP05	AP06	AP07	B2	B3	BR01
Poaceae	*Eriachne obtusa*					+		+	+	+	+		+										
Poaceae	*Eriachne pulchella*																						
Poaceae	*Eriachne pulchella* subsp. *dominii*																						
Poaceae	*Eriachne pulchella* subsp. *pulchella*					+										+			+				
Poaceae	*Eriachne* sp. 1																						
Poaceae	*Eriachne* sp. 2																						
Poaceae	*Eriachne* sp. 3																						
Poaceae	*Eriachne* sp. 4																						
Poaceae	*Eriachne* sp. Dugald River (B.K. Simon+ 3007)															+	+						
Poaceae	*Eriachne tenuiculmis*																	+					
Poaceae	*Eulalia aurea*																						
Poaceae	*Iseilema dolichotrichum*																						
Poaceae	*Iseilema membranaceum*																						
Poaceae	*Panicum australiense*																						
Poaceae	*Panicum australiense* var. *australiense*																						
Poaceae	*Paraneurachne muelleri*																	+					
Poaceae	*Paspalidium basicladum*																						
Poaceae	*Paspalidium clementii*																						
Poaceae	*Paspalidium jubiflorum*																						
Poaceae	*Paspalidium rarum*																						
Poaceae	*Perotis rara*																						
Poaceae	POACEAE sp. 1																						
Poaceae	POACEAE sp. 2																						
Poaceae	POACEAE sp. 3																						
Poaceae	*Schizachyrium fragile*																						
Poaceae	**Setaria verticillata*																						
Poaceae	*Sporobolus actinocladus*		+																				
Poaceae	*Sporobolus australasicus*													+									
Poaceae	*Sporobolus ramigerus*																						
Poaceae	*Themeda triandra*																	+					
Poaceae	*Themeda ? triandra*										+												
Poaceae	*Triodia angusta*																				+		
Poaceae	*Triodia ? angusta*		+																				
Poaceae	*Triodia brizoides*						+								+			+	+				
Poaceae	*Triodia ? brizoides*									+	+		+										
Poaceae	*Triodia epactia*				+				+	+	+	+	+		+		+						+
Poaceae	*Triodia ? epactia*						+			+		+											
Poaceae	*Triodia lanigera*																						
Poaceae	*Triodia longiceps*	+												+									
Poaceae	*Triodia secunda*																						
Poaceae	*Triodia wiseana*			+		+			+		+		+	+		+		+	+			+	

Family	Taxa	100	101	102	103r	104	105	106	107	108	109	110	111	AP01	AP02	AP03	AP04	AP05	AP06	AP07	B2	B3	BR01
Poaceae	*Triodia ? wiseana*																						
Poaceae	*Tripogonella loliiformis*																						
Poaceae	*Whiteochloa cymbiformis*																						
Polygalaceae	*Polygala glaucifolia*																						
Polygalaceae	*Polygala isingii*																						
Polygalaceae	*Polygala* sp.																						
Portulacaceae	*Portulaca filifolia*																						
Portulacaceae	*Portulaca oleracea*				+									+		+					+		
Potamogetonaceae	*Potamogeton tepperi*																						
Proteaceae	*Grevillea pyramidalis* subsp. *leucadendron*				+						+	+										+	
Proteaceae	*Grevillea wickhamii*						+		+		+	+											
Proteaceae	*Grevillea wickhamii* subsp. *aprica*																						
Proteaceae	*Grevillea wickhamii* subsp. *hispidula*														+			+					
Proteaceae	*Hakea lorea* subsp. *lorea*					+				+									+			+	
Pteridaceae	*Cheilanthes sieberi* subsp. *Sieberi*																						
Pteridaceae	*Cheilanthes* sp.										+												
Rubiaceae	*Dolichocarpa crouchiana*																			+			
Rubiaceae	*Synaptantha tillaeacea* var. *tillaeacea*																					+	
Sapindaceae	*Atalaya hemiglauca*			+				+		+										+			
Sapindaceae	*Dodonaea coriacea*																						
Scrophulariaceae	*Eremophila latrobei* subsp. *glabra*																						
Scrophulariaceae	*Eremophila latrobei* ?subsp. *glabra*																						
Scrophulariaceae	*Eremophila latrobei* subsp. *latrobei*																						
Scrophulariaceae	*Eremophila longifolia*																						
Solanaceae	*Nicotiana benthamiana*											+											
Solanaceae	*Nicotiana bilybara*																						
Solanaceae	*Nicotiana occidentalis*																						
Solanaceae	**Physalis angulata*																						
Solanaceae	*Solanum ? centrale*														+	+							
Solanaceae	*Solanum cleistogamum*																						
Solanaceae	*Solanum diversiflorum*		+	+													+	+			+		+
Solanaceae	*Solanum gabrielae*												+										
Solanaceae	*Solanum horridum*			+						+			+			+	+						
Solanaceae	*Solanum lasiophyllum*																						
Solanaceae	*Solanum lucani*																						
Solanaceae	**Solanum nigrum*																			+			
Solanaceae	*Solanum phlomoides*									+													
Solanaceae	*Solanum ? phlomoides*																						
Solanaceae	*Solanum* sp.																						
Stylidiaceae	*Stylidium desertorum*																						
Typhaceae	*Typha domingensis*																						

Family	Taxa	100	101	102	103r	104	105	106	107	108	109	110	111	AP01	AP02	AP03	AP04	AP05	AP06	AP07	B2	B3	BR01
Violaceae	*Afrohybanthus aurantiacus*		+								+					+		+		+	+		
Violaceae	*Afrohybanthus ?aurantiacus*																						
Violaceae	?*Afrohybanthus* sp.					+																	
Zygophyllaceae	*Tribulus hirsutus*				+											+			+				
Zygophyllaceae	*Tribulus occidentalis*																						
Zygophyllaceae	*Tribulus platypterus*					+																	
Zygophyllaceae	*Tribulus ?platypterus*																						
Zygophyllaceae	*Tribulus suberosus*										+												

Sites EP01-EP24

Family	Taxa	EP01	EP02	EP03	EP04	EP05	EP10	EP11	EP12	EP13	EP14	EP15	EP16	EP17	EP18r	EP19	EP20	EP21	EP22	EP23	EP24
Acanthaceae	*Rostellularia adscendens* var. *clementii*																				
Aizoaceae	*Trianthema pilosum*																				
Aizoaceae	**Trianthema portulacastrum*																				
Aizoaceae	*Trianthema triquetrum*																				
Aizoaceae	*Trianthema turgidifolium*																				
Aizoaceae	*Zaleya galericulata* subsp. *galericulata*																				
Amaranthaceae	*Achyranthes aspera*																				
Amaranthaceae	**Aerva javanica*																				
Amaranthaceae	*Alternanthera denticulata*																				
Amaranthaceae	*Alternanthera denticulata* var. *denticulata*																				
Amaranthaceae	*Alternanthera nana*																			+	
Amaranthaceae	*Amaranthus cuspidifolius*																				
Amaranthaceae	*Amaranthus undulatus*																				
Amaranthaceae	*Gomphrena canescens*																				
Amaranthaceae	*Gomphrena cunninghamii*										+					+	+			+	
Amaranthaceae	*Gomphrena kanisii*																				
Amaranthaceae	*Gomphrena lanata*																				
Amaranthaceae	*Gomphrena leptoclada* subsp. *leptoclada*									+			+			+					
Amaranthaceae	*Ptilotus astrolasius*				+																
Amaranthaceae	*Ptilotus auriculifolius*	+								+	+	+	+	+					+		+
Amaranthaceae	*Ptilotus axillaris*																				
Amaranthaceae	*Ptilotus calostachyus*										+								+		
Amaranthaceae	*Ptilotus clementii*																				
Amaranthaceae	*Ptilotus exaltatus*																				
Amaranthaceae	*Ptilotus fusiformis*							+		+	+		+			+					
Amaranthaceae	*Ptilotus gomphrenoides*							+													
Amaranthaceae	*Ptilotus incanus*																				
Amaranthaceae	*Ptilotus mollis* **(P4)**																				
Amaranthaceae	*Ptilotus obovatus*																				
Amaranthaceae	*Ptilotus* sp.																				
Amaranthaceae	?*Ptilotus* sp.																				
Apocynaceae	**Calotropis procera*							+													
Apocynaceae	*Carissa lanceolata*																				
Apocynaceae	*Cynanchum floribundum*																				
Apocynaceae	*Cynanchum viminale* subsp. *australe*																				
Apocynaceae	*Gymnanthera cunninghamii* **(P3)**																				
Apocynaceae	*Gymnema erectum*																				
Apocynaceae	*Vincetoxicum flexuosum*																				
Araliaceae	*Trachymene oleracea*																				

Family	Taxa	EP01	EP02	EP03	EP04	EP05	EP10	EP11	EP12	EP13	EP14	EP15	EP16	EP17	EP18r	EP19	EP20	EP21	EP22	EP23	EP24
Araliaceae	*Trachymene oleracea* subsp. *oleracea*	+		+						+			+			+					
Araliaceae	*Trachymene pilbarensis*																				
Asteraceae	*Blumea tenella*																				
Asteraceae	*Centipeda minima* subsp. *macrocephala*																				
Asteraceae	*Chrysocephalum apiculatum* subsp. *pilbarense*																				
Asteraceae	*Chrysocephalum* sp.																				
Asteraceae	**Flaveria trinervia*																				
Asteraceae	*Olearia fluvialis*																				
Asteraceae	*Pentalepis trichodesmoides* subsp. *trichodesmoides*																+				
Asteraceae	*Pluchea dentex*									+											
Asteraceae	*Pluchea ferdinandi-muelleri*					+															
Asteraceae	*Pluchea rubelliflora*																				
Asteraceae	*?Pluchea rubelliflora*																				
Asteraceae	*Pluchea tetranthera*		+											+							
Asteraceae	*Pterocaulon serrulatum* var. *velutinum*																				
Asteraceae	*Pterocaulon sphacelatum*																				
Asteraceae	**Sonchus oleraceus*																				
Asteraceae	*Streptoglossa ?bubakii*							+	+												
Asteraceae	*Streptoglossa decurrens*																				
Asteraceae	*Streptoglossa ?decurrens*																				
Asteraceae	*Vittadinia dissecta* var. *hirta*																				
Bixaceae	*Cochlospermum macnamarae* **(P1)**																				
Boraginaceae	*Ehretia saligna* var. *saligna*																				
Boraginaceae	*Euploca chrysocarpa*																				
Boraginaceae	*Euploca ?chrysocarpa*																				
Boraginaceae	*Euploca conocarpa*							+													
Boraginaceae	*Euploca cunninghamii*							+		+	+		+			+			+	+	
Boraginaceae	*Euploca ?cunninghamii*																				
Boraginaceae	*Euploca heterantha*																				
Boraginaceae	*Euploca pachyphylla*																				
Boraginaceae	*Euploca ?pachyphylla*																				
Boraginaceae	*Euploca skeleton*																				
Boraginaceae	*Euploca tanythrix*																				
Boraginaceae	*Euploca tenuifolia*		+																		
Boraginaceae	*Heliotropium crispatum*									+	+	+					+			+	
Boraginaceae	*Heliotropium murinum* **(P3)**																				
Boraginaceae	*Heliotropium ?murinum* **(P3)**																				
Boraginaceae	*Heliotropium* sp. 1																				
Boraginaceae	*Heliotropium* sp. 2				+																
Boraginaceae	*Trichodesma zeylanicum*										+										+

Family	Taxa	EP01	EP02	EP03	EP04	EP05	EP10	EP11	EP12	EP13	EP14	EP15	EP16	EP17	EP18r	EP19	EP20	EP21	EP22	EP23	EP24
Boraginaceae	*Trichodesma zeylanicum* var. *zeylanicum*																				
Brassicaceae	*Lepidium pedicellosum*																				
Byblidaceae	*Byblis pilbarana*									+											
Campanulaceae	*Wahlenbergia tumidifructa*																				
Capparaceae	*Capparis spinosa* subsp. *nummularia*																				
Caryophyllaceae	*Polycarpaea corymbosa* var. *corymbosa*													+				+		+	
Caryophyllaceae	*Polycarpaea holtzei*		+	+				+			+						+				
Caryophyllaceae	*Polycarpaea longiflora*				+						+						+				
Celastraceae	*Stackhousia intermedia*									+											
Celastraceae	*Stackhousia ? intermedia*																				
Celastraceae	*Stackhousia muricata*																				
Chenopodiaceae	*Dysphania kalpari*							+				+					+				
Chenopodiaceae	*Dysphania plantaginella*																				
Chenopodiaceae	*Dysphania rhadinostachya*																				
Chenopodiaceae	*Dysphania rhadinostachya* subsp. *inflata*																				
Chenopodiaceae	*Dysphania rhadinostachya* subsp. *rhadinostachya*																				
Chenopodiaceae	*Dysphania* sp.																				
Chenopodiaceae	? *Dysphania* sp.																				
Chenopodiaceae	*Dysphania sphaerosperma*																				
Chenopodiaceae	*Sclerolaena costata*																				
Chenopodiaceae	*Sclerolaena densiflora*																				
Chenopodiaceae	*Sclerolaena hostilis*																				
Cleomaceae	*Arivela viscosa*	+		+				+	+	+	+	+	+			+	+	+	+	+	+
Combretaceae	*Terminalia circumalata*	+																			
Combretaceae	*Terminalia* sp.																				
Combretaceae	? *Terminalia* sp. 1																				
Combretaceae	? *Terminalia* sp. 2																				
Combretaceae	? *Terminalia* sp. 3																				
Combretaceae	? *Terminalia* sp. 4																				
Commelinaceae	*Commelina ensifolia*																				
Convolvulaceae	*Bonamia alatisemina*																				
Convolvulaceae	*Bonamia ? alatisemina*																				
Convolvulaceae	*Bonamia erecta*				+	+															
Convolvulaceae	*Bonamia linearis*		+																		
Convolvulaceae	*Bonamia media*																				
Convolvulaceae	*Bonamia ? media*																				
Convolvulaceae	*Bonamia pannosa*		+									+				+					
Convolvulaceae	*Bonamia pilbarensis*										+								+		
Convolvulaceae	*Bonamia ? pilbarensis*																				
Convolvulaceae	*Bonamia* sp. 1																				

Family	Taxa	EP01	EP02	EP03	EP04	EP05	EP10	EP11	EP12	EP13	EP14	EP15	EP16	EP17	EP18r	EP19	EP20	EP21	EP22	EP23	EP24
Convolvulaceae	*Bonamia* sp. 2																				
Convolvulaceae	*Evolvulus alsinoides*																				
Convolvulaceae	*Evolvulus alsinoides* var. *villosicalyx*									+										+	
Convolvulaceae	*Ipomoea coptica*								+			+									
Convolvulaceae	*Ipomoea lonchophylla*																				
Convolvulaceae	*Ipomoea muelleri*																+			+	
Convolvulaceae	*Ipomoea polymorpha*											+									
Convolvulaceae	*Operculina aequisepala*															+	+				
Convolvulaceae	*Polymeria ambigua*	+	+					+											+		
Convolvulaceae	*Polymeria calycina*																				
Convolvulaceae	*Polymeria lanata*																				
Convolvulaceae	*Polymeria mollis*																				
Convolvulaceae	*Polymeria ? mollis*																				
Cucurbitaceae	*Austrobryonia pilbarensis*							+													
Cucurbitaceae	**Citrullus colocynthis*																				
Cucurbitaceae	*Cucumis melo*																				
Cucurbitaceae	**Cucumis myriocarpus* subsp. *myriocarpus*																				
Cucurbitaceae	*Cucumis* sp. Chichester Range (A.A. Mitchell et al. AAM 10691)																				
Cucurbitaceae	*Cucumis variabilis*	+																			
Cucurbitaceae	*Trichosanthes cucumerina* var. *cucumerina*																				
Cyperaceae	*Bulbostylis barbata*			+		+			+	+	+		+	+		+		+			
Cyperaceae	*Bulbostylis burbidgeae* **(P4)**																				
Cyperaceae	*Bulbostylis turbinata*																				
Cyperaceae	*Cyperus bifax*																				
Cyperaceae	*Cyperus bulbosus*																				
Cyperaceae	*Cyperus cunninghamii* subsp. *cunninghamii*																				
Cyperaceae	*Cyperus dactylotes*																				
Cyperaceae	*Cyperus difformis*											+					+				
Cyperaceae	*Cyperus hesperius*				+																
Cyperaceae	*Cyperus ixiocarpus*																				
Cyperaceae	*Cyperus microcephalus* subsp. *microcephalus*																				
Cyperaceae	*Cyperus* sp. 1																				
Cyperaceae	*Cyperus* sp. 2																				
Cyperaceae	*Cyperus squarrosus*											+									
Cyperaceae	*Cyperus vaginatus*	+										+					+				
Cyperaceae	*Fimbristylis dichotoma*			+				+		+				+							
Cyperaceae	*Fimbristylis elegans*																+				
Cyperaceae	*Fimbristylis simulans*																		+		+
Cyperaceae	*Fimbristylis* sp.																				
Cyperaceae	*Fuirena ciliaris*											+									

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Elatinaceae	*Bergia pedicellaris*																				
Euphorbiaceae	*Adriana tomentosa*																				
Euphorbiaceae	*Adriana tomentosa* var. *tomentosa*																				
Euphorbiaceae	*Adriana tomentosa* ?var. *tomentosa*																				
Euphorbiaceae	*Euphorbia ? australis*																				
Euphorbiaceae	*Euphorbia australis* var. *subtomentosa*		+					+										+			
Euphorbiaceae	*Euphorbia biconvexa*																				
Euphorbiaceae	*Euphorbia boophthona*																				
Euphorbiaceae	*Euphorbia careyi*																+			+	
Euphorbiaceae	*Euphorbia coghlanii*	+						+				+							+	+	
Euphorbiaceae	*Euphorbia inappendiculata* var. *inappendiculata* **(P3)**																				
Euphorbiaceae	*Euphorbia* sp. 1																				
Euphorbiaceae	*Euphorbia* sp. 2																				
Euphorbiaceae	*Euphorbia tannensis* subsp. *eremophila*									+											
Euphorbiaceae	*Euphorbia ? tannensis* subsp. *eremophila*										+						+				
Euphorbiaceae	*Euphorbia trigonosperma*																				
Euphorbiaceae	*Mallotus nesophilus*																				
Fabaceae	*Acacia acradenia*	+		+	+	+															
Fabaceae	*Acacia adoxa* var. *adoxa*																				
Fabaceae	*Acacia adsurgens*		+							+						+					
Fabaceae	*Acacia ampliceps*																				
Fabaceae	*Acacia ampliceps x sclerosperma* subsp. *sclerosperma*																				
Fabaceae	*Acacia ancistrocarpa*	+																		+	
Fabaceae	*Acacia aptaneura*																				
Fabaceae	*Acacia arida*																				
Fabaceae	*Acacia bivenosa*	+				+				+				+				+			
Fabaceae	*Acacia ? bivenosa*								+												+
Fabaceae	*Acacia colei*																				
Fabaceae	*Acacia colei* var. *colei*																				
Fabaceae	*Acacia colei* ?var. *colei*												+					+	+	+	+
Fabaceae	*Acacia coriacea* subsp. *pendens*																				
Fabaceae	*Acacia elachantha*																				
Fabaceae	*Acacia eriopoda*						+					+									
Fabaceae	*Acacia eriopoda x trachycarpa*																				
Fabaceae	*Acacia hilliana*																				
Fabaceae	*Acacia holosericea*																				
Fabaceae	*Acacia inaequilatera*							+	+		+								+		
Fabaceae	*Acacia levata* **(P3)**																				
Fabaceae	*Acacia maitlandii*			+						+		+	+	+		+					

Family	Taxa	EP01	EP02	EP03	EP04	EP05	EP10	EP11	EP12	EP13	EP14	EP15	EP16	EP17	EP18r	EP19	EP20	EP21	EP22	EP23	EP24
Fabaceae	*Acacia monticola*																				
Fabaceae	*Acacia orthocarpa*	+				+															
Fabaceae	*Acacia pruinocarpa*																				
Fabaceae	*Acacia ptychophylla*	+																	+		
Fabaceae	*Acacia pyrifolia*	+																		+	
Fabaceae	*Acacia pyrifolia* var. *morrisonii*																				
Fabaceae	*Acacia pyrifolia* var. *pyrifolia*						+														
Fabaceae	*Acacia retivenea* subsp. *clandestina*															+					
Fabaceae	*Acacia sericophylla*																				
Fabaceae	*Acacia sibirica*																				
Fabaceae	*Acacia* sp. 1																				
Fabaceae	*Acacia* sp. 2																				
Fabaceae	*Acacia* sp. 3																				
Fabaceae	*Acacia* sp. 4																				
Fabaceae	*Acacia* sp. 5			+																	
Fabaceae	*Acacia* sp. 6										+										
Fabaceae	*Acacia* sp. 7													+		+					
Fabaceae	*Acacia* sp. 8																				
Fabaceae	*Acacia* sp. 9																				
Fabaceae	*Acacia sphaerostachya*																				
Fabaceae	*Acacia spondylophylla*																				
Fabaceae	*Acacia stellaticeps*									+				+							
Fabaceae	*Acacia synchronicia*																				
Fabaceae	*Acacia trachycarpa*						+					+						+			
Fabaceae	*Acacia trachycarpa x tumida* var. *pilbarensis*																				
Fabaceae	*Acacia tumida* var. *pilbarensis*	+		+		+															
Fabaceae	*Acacia victoriae* subsp. *victoriae*								+												
Fabaceae	*Alysicarpus muelleri*							+													
Fabaceae	*Cajanus cinereus*																				
Fabaceae	*Cajanus ? cinereus*																				
Fabaceae	*Cajanus pubescens*																				
Fabaceae	*Cajanus* sp. 1																				
Fabaceae	*Cajanus* sp. 2																				
Fabaceae	*Cajanus* sp. 3																				
Fabaceae	*Crotalaria cunninghamii* subsp. *sturtii*																				
Fabaceae	*Crotalaria ? cunninghamii* subsp. *sturtii*																				
Fabaceae	*Crotalaria medicaginea* var. *neglecta*										+	+					+	+			
Fabaceae	*Crotalaria novae-hollandiae* subsp. *novae-hollandiae*											+									
Fabaceae	*Cullen lachnostachys*																			+	
Fabaceae	*Cullen leucanthum*																				

Family	Taxa	EP01	EP02	EP03	EP04	EP05	EP10	EP11	EP12	EP13	EP14	EP15	EP16	EP17	EP18r	EP19	EP20	EP21	EP22	EP23	EP24
Fabaceae	*Cullen leucochaites*																				
Fabaceae	*Cullen martinii*																				
Fabaceae	*Cullen pallidum*																				
Fabaceae	*Cullen pogonocarpum*							+													
Fabaceae	*Cullen pustulatum*																				
Fabaceae	*Cullen ?pustulatum*											+									
Fabaceae	*Cullen* sp. 1																				
Fabaceae	*Cullen* sp. 2											+									
Fabaceae	*Cullen stipulaceum*																			+	
Fabaceae	*Dichrostachys spicata*						+								+						
Fabaceae	*Erythrina vespertilio*																				
Fabaceae	*Glycine canescens*																				
Fabaceae	*Grona filiformis*																				
Fabaceae	*Indigastrum parviflorum*										+										
Fabaceae	*Indigofera colutea*											+					+				
Fabaceae	*Indigofera deserticola*																				
Fabaceae	*Indigofera hirsuta*																				
Fabaceae	*Indigofera linifolia*										+	+									
Fabaceae	*Indigofera linnaei*																				
Fabaceae	*Indigofera monophylla*	+	+	+		+				+	+					+	+		+	+	
Fabaceae	*Indigofera rugosa*							+													
Fabaceae	**Indigofera sessiliflora*																				
Fabaceae	*Indigofera* sp. 1																				
Fabaceae	*Indigofera* sp. 2																				
Fabaceae	*Indigofera* sp. 3																				
Fabaceae	*Indigofera trita*																				
Fabaceae	*Indigofera trita* subsp. *trita*								+												
Fabaceae	*Indigofera trita* ?subsp. *trita*																				
Fabaceae	*Isotropis atropurpurea*			+																	
Fabaceae	*Neptunia* sp.																				
Fabaceae	*Petalostylis labicheoides*		+																		
Fabaceae	*Rhynchosia australis*							+													
Fabaceae	*Rhynchosia minima*								+												
Fabaceae	*Rhynchosia* sp. 1																				
Fabaceae	*Rhynchosia* sp. 2																				
Fabaceae	*Rhynchosia* sp. 3																				
Fabaceae	*Rhynchosia* sp. 4																				
Fabaceae	*Rhynchosia* sp. 5																				
Fabaceae	*Rhynchosia* sp. 6																+				
Fabaceae	*Senna artemisioides* subsp. *helmsii*																				

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Fabaceae	*Senna artemisioides* subsp. *helmsii x oligophylla*																				
Fabaceae	*Senna artemisioides* subsp. *oligophylla*	+							+												
Fabaceae	*Senna ferraria*																				
Fabaceae	*Senna glaucifolia*																				
Fabaceae	*Senna glutinosa*																				
Fabaceae	*Senna* ? *glutinosa*																				
Fabaceae	*Senna glutinosa* subsp. *glutinosa*							+									+				
Fabaceae	*Senna glutinosa* subsp. *pruinosa*																				
Fabaceae	*Senna glutinosa* subsp. *x luerssenii*																				
Fabaceae	*Senna notabilis*	+	+					+												+	
Fabaceae	*Senna symonii*	+																	+		+
Fabaceae	*Senna venusta*																				
Fabaceae	*Sesbania cannabina*											+					+				
Fabaceae	*Sesbania formosa*																				
Fabaceae	*Swainsona decurrens*																				
Fabaceae	*Swainsona formosa*																				
Fabaceae	*Swainsona* ? *formosa*											+									
Fabaceae	*Swainsona* sp. 1																				
Fabaceae	*Swainsona* sp. 2																				
Fabaceae	*Swainsona stenodonta*																				
Fabaceae	*Templetonia hookeri*																				
Fabaceae	*Tephrosia clementii*																				
Fabaceae	*Tephrosia densa*																				
Fabaceae	*Tephrosia leptoclada*																				
Fabaceae	*Tephrosia rosea*																				
Fabaceae	*Tephrosia rosea* var. *clementii*									+										+	
Fabaceae	*Tephrosia rosea* ?var. *clementii*																				
Fabaceae	? *Tephrosia* sp.																				
Fabaceae	*Tephrosia* sp. 1																				
Fabaceae	*Tephrosia* sp. 2																				
Fabaceae	*Tephrosia* sp. B Kimberley Flora (C.A. Gardner 7300)			+																	
Fabaceae	*Tephrosia* sp. Bungaroo Creek (M.E. Trudgen 11601)			+		+															
Fabaceae	*Tephrosia* sp. clay soils (S. van Leeuwen et al. PBS 0273)																				
Fabaceae	*Tephrosia* sp. D Kimberley Flora (R.D. Royce 1848)																				
Fabaceae	*Tephrosia* sp. Newman (A.A. Mitchell PRP 29)																				

Family	Taxa	EP01	EP02	EP03	EP04	EP05	EP10	EP11	EP12	EP13	EP14	EP15	EP16	EP17	EP18r	EP19	EP20	EP21	EP22	EP23	EP24
Fabaceae	*Tephrosia* sp. *NW Eremaean (S. van Leeuwen et al. PBS 0356)*																				
Fabaceae	*Tephrosia supina*																				
Fabaceae	*Tephrosia ? supina*																				
Fabaceae	*Tephrosia virens*															+			+		
Fabaceae	*Tephrosia ? virens*																				
Fabaceae	* *Vachellia farnesiana* var. *farnesiana*											+						+		+	
Fabaceae	*Vigna lanceolata* var. *lanceolata*																				
Fabaceae	*Vigna* sp. Hamersley Clay (A.A. Mitchell PRP 113)																				
Fabaceae	*Zornia albiflora*																				
Goodeniaceae	*Dampiera candicans*	+											+			+					
Goodeniaceae	*Dampiera* sp.																				
Goodeniaceae	*Goodenia armitiana*																				
Goodeniaceae	*Goodenia cusackiana*																				
Goodeniaceae	*Goodenia ? cusackiana*																				
Goodeniaceae	*Goodenia lamprosperma*																				
Goodeniaceae	*Goodenia microptera*							+		+						+				+	
Goodeniaceae	*Goodenia muelleriana*		+					+												+	
Goodeniaceae	*Goodenia ? muelleriana*																				
Goodeniaceae	*Goodenia nuda*																				
Goodeniaceae	*Goodenia scaevolina*																				
Goodeniaceae	*Goodenia* sp. 1																				
Goodeniaceae	*Goodenia* sp. 2																				
Goodeniaceae	*Goodenia stobbsiana*	+		+															+		
Goodeniaceae	*Goodeniaceae* sp.																				
Goodeniaceae	*Scaevola amblyanthera* var. *centralis*																				
Goodeniaceae	*Scaevola ? amblyanthera* var. *centralis*																				
Goodeniaceae	*Scaevola browniana* subsp. *browniana*																				
Goodeniaceae	*Scaevola parvifolia*																				
Goodeniaceae	*Scaevola* sp.																				
Gyrostemonaceae	*Codonocarpus cotinifolius*																				
Haloragaceae	*Gonocarpus ephemerus*									+											
Haloragaceae	*Haloragis ? gossei*																				
Haloragaceae	*Haloragis gossei* var. *gossei*											+				+					
Haloragaceae	*Haloragis gossei* ?var. *gossei*									+											
Haloragaceae	*Haloragis* sp. 1																				
Haloragaceae	*Haloragis* sp. 2																				
Lamiaceae	*Basilicum polystachyon*																				
Lamiaceae	*Clerodendrum floribundum* var. *angustifolium*																				

Family	Taxa	EP01	EP02	EP03	EP04	EP05	EP10	EP11	EP12	EP13	EP14	EP15	EP16	EP17	EP18r	EP19	EP20	EP21	EP22	EP23	EP24
Lamiaceae	*Clerodendrum floribundum* var. ?*angustifolium*																				
Lamiaceae	*Clerodendrum tomentosum* var. *lanceolatum*																				
Lamiaceae	*Clerodendrum tomentosum* var. *tomentosum*																				
Lamiaceae	*Quoya zonalis* **(T)**																				
Lauraceae	*Cassytha capillaris*																				
Lauraceae	*Cassytha filiformis*																				
Lauraceae	*Cassytha* sp. 1																				
Lauraceae	*Cassytha* sp. 2																				
Lauraceae	*Cassytha* sp. 3	+																+			
Loganiaceae	*Mitrasacme connata*																				
Loranthaceae	*Lysiana casuarinae*																				
Lythraceae	*Ammannia baccifera*											+									
Lythraceae	*Ammannia multiflora*																+				
Lythraceae	*Ammannia* sp. 1																				
Lythraceae	*Ammannia* sp. 2																				
Lythraceae	*Ammannia* sp. 3																				
Lythraceae	*Ammannia* sp. 4																				
Malvaceae	*Abutilon fraseri* subsp. *fraseri*																				
Malvaceae	*Abutilon lepidum*																				
Malvaceae	*Abutilon* ?*leucopetalum*																				
Malvaceae	*Abutilon macrum*																				
Malvaceae	*Abutilon* sp. 1																				
Malvaceae	*Abutilon* sp. 2																				
Malvaceae	*Abutilon* sp. 3																				
Malvaceae	*Abutilon* sp. Dioicum (A.A. Mitchell PRP 1618)																			+	
Malvaceae	*Abutilon* sp. Pilbara (W.R. Barker 2025)																				
Malvaceae	*Brachychiton acuminatus*																				
Malvaceae	*Corchorus incanus*																				
Malvaceae	*Corchorus* ?*incanus*																				
Malvaceae	*Corchorus incanus* subsp. *incanus*	+	+			+	+	+	+		+		+	+			+	+	+	+	
Malvaceae	*Corchorus* ?*incanus* subsp. *incanus*																				
Malvaceae	*Corchorus laniflorus*									+			+			+					
Malvaceae	*Corchorus lasiocarpus* subsp. *lasiocarpus*																				
Malvaceae	*Corchorus parviflorus*																				
Malvaceae	*Corchorus* ?*parviflorus*																				
Malvaceae	*Corchorus* sp. 1																				
Malvaceae	*Corchorus* sp. 2			+																	
Malvaceae	*Corchorus tridens*							+				+									
Malvaceae	*Corchorus trilocularis*								+												
Malvaceae	*Corchorus walcottii*																				

Family	Taxa	EP01	EP02	EP03	EP04	EP05	EP10	EP11	EP12	EP13	EP14	EP15	EP16	EP17	EP18r	EP19	EP20	EP21	EP22	EP23	EP24
Malvaceae	*Gossypium australe*	+					+		+									+		+	
Malvaceae	*Gossypium robinsonii*	+																			
Malvaceae	*Hibiscus austrinus* var. *austrinus*																				
Malvaceae	*Hibiscus brachychlaenus*																				
Malvaceae	*Hibiscus burtonii*																				
Malvaceae	*Hibiscus coatesii*																				
Malvaceae	*Hibiscus goldsworthii*																				
Malvaceae	*Hibiscus leptocladus*																				
Malvaceae	*Hibiscus sturtii*																				
Malvaceae	*Hibiscus* ? *sturtii*																				
Malvaceae	? *Hibiscus sturtii*												+								
Malvaceae	*Hibiscus sturtii* var. *campylochlamys*																				
Malvaceae	*Hibiscus sturtii* var. *platychlamys*																				
Malvaceae	MALVACEAE sp. 1																				
Malvaceae	MALVACEAE sp. 2																				
Malvaceae	MALVACEAE sp. 3																				
Malvaceae	* *Malvastrum americanum*																				
Malvaceae	*Melhania oblongifolia*																				
Malvaceae	*Seringia nephrosperma*												+								
Malvaceae	*Sida arenicola*																				
Malvaceae	*Sida arsiniata*																				
Malvaceae	*Sida cardiophylla*																				
Malvaceae	*Sida clementii*																				
Malvaceae	*Sida echinocarpa*																				
Malvaceae	*Sida* ? *echinocarpa*																				
Malvaceae	*Sida fibulifera*								+												
Malvaceae	*Sida* ? *fibulifera*																				
Malvaceae	*Sida macropoda*							+													
Malvaceae	*Sida* ? *macropoda*																				
Malvaceae	*Sida platycalyx*																				
Malvaceae	*Sida rohlenae* subsp. *rohlenae*																				
Malvaceae	*Sida* sp. 1																				
Malvaceae	*Sida* sp. 2																				
Malvaceae	*Sida* sp. 3																				
Malvaceae	*Sida* sp. articulation below (A.A. Mitchell PRP 1605)																				
Malvaceae	*Sida* sp. Excedentifolia (J.L. Egan 1925)																				
Malvaceae	*Sida* sp. Pilbara (A.A. Mitchell PRP 1543)		+					+													
Malvaceae	*Sida* sp. spiciform panicles (E. Leyland s.n. 14/8/90)																				
Malvaceae	*Sida spinosa*																				

Family	Taxa	EP01	EP02	EP03	EP04	EP05	EP10	EP11	EP12	EP13	EP14	EP15	EP16	EP17	EP18r	EP19	EP20	EP21	EP22	EP23	EP24
Malvaceae	*Triumfetta appendiculata*																+				
Malvaceae	*Triumfetta* ? *appendiculata*																				
Malvaceae	*Triumfetta chaetocarpa*	+								+						+					
Malvaceae	*Triumfetta clementii*							+													
Malvaceae	*Triumfetta johnstonii*																				
Malvaceae	*Triumfetta leptacantha*																				
Malvaceae	*Triumfetta maconochieana*																			+	
Malvaceae	*Triumfetta propinqua*																				
Malvaceae	*Triumfetta ramosa*																				
Malvaceae	*Triumfetta* sp. 1																				
Malvaceae	*Triumfetta* sp. 2																				
Malvaceae	*Waltheria indica*																				
Malvaceae	*Waltheria virgata*																				
Marsileaceae	*Marsilea exarata*																				
Marsileaceae	*Marsilea hirsuta*											+									
Marsileaceae	*Marsilea* sp. 1																				
Marsileaceae	*Marsilea* sp. 2																				
Menispermaceae	*Tinospora smilacina*																				
Molluginaceae	*Hypertelis cerviana*																				
Molluginaceae	*Trigastrotheca molluginea*		+	+						+			+			+		+	+	+	
Montiaceae	*Calandrinia ptychosperma*																				
Montiaceae	*Calandrinia* ? *pumila*									+		+									
Montiaceae	*Calandrinia* ? *stagnensis*																				
Montiaceae	*Calandrinia tepperiana*											+					+				
Moraceae	*Ficus aculeata* var. *indecora*																				
Moraceae	*Ficus brachypoda*																				
Myrtaceae	*Corymbia candida* subsp. *candida*																				
Myrtaceae	*Corymbia* ? *candida* subsp. *candida*																				
Myrtaceae	*Corymbia flavescens*																			+	
Myrtaceae	*Corymbia hamersleyana*										+				+			+	+		
Myrtaceae	*Corymbia* ? *hamersleyana*																				
Myrtaceae	? *Corymbia hamersleyana*																				
Myrtaceae	? *Corymbia* sp.																				
Myrtaceae	*Corymbia* sp. 1																				
Myrtaceae	*Corymbia* sp. 2																				
Myrtaceae	*Corymbia* sp. 3																				
Myrtaceae	*Eucalyptus camaldulensis*																				
Myrtaceae	*Eucalyptus* ? *camaldulensis*																				
Myrtaceae	*Eucalyptus camaldulensis* subsp. *refulgens*						+														
Myrtaceae	*Eucalyptus camaldulensis* ?subsp. *refulgens*																				
Myrtaceae	*Eucalyptus leucophloia*																				

Family	Taxa	EP01	EP02	EP03	EP04	EP05	EP10	EP11	EP12	EP13	EP14	EP15	EP16	EP17	EP18r	EP19	EP20	EP21	EP22	EP23	EP24
Myrtaceae	*Eucalyptus leucophloia* subsp. *leucophloia*																				
Myrtaceae	*Eucalyptus* ? *leucophloia* subsp. *leucophloia*																				
Myrtaceae	*Eucalyptus* sp. 1																				
Myrtaceae	*Eucalyptus* sp. 2																				
Myrtaceae	*Eucalyptus victrix*	+																		+	
Myrtaceae	*Melaleuca argentea*																				
Myrtaceae	*Melaleuca bracteata*																				
Myrtaceae	*Melaleuca glomerata*	+										+									
Myrtaceae	*Melaleuca* ? *glomerata*																				
Myrtaceae	*Melaleuca linophylla*	+																			
Myrtaceae	*Melaleuca* ? *linophylla*																				
Nyctaginaceae	*Boerhavia burbidgeana*																				
Nyctaginaceae	*Boerhavia coccinea*																				
Nyctaginaceae	*Boerhavia* ? *coccinea*																				
Nyctaginaceae	*Boerhavia gardneri*						+	+				+					+	+		+	
Nyctaginaceae	*Boerhavia* sp.																				
Oleaceae	*Jasminum didymum* subsp. *lineare*																				
Onagraceae	*Ludwigia perennis*																+				
Papaveraceae	* *Argemone ochroleuca* subsp. *ochroleuca*																				
Pedaliaceae	*Josephinia eugeniae*																				
Pedaliaceae	*Josephinia* sp. Mt Edgar Station (N.T. Burbidge 1194)																				
Phyllanthaceae	*Cathetus* sp.																				
Phyllanthaceae	*Cathetus virgatus*																				
Phyllanthaceae	*Flueggea virosa* subsp. *melanthesoides*																				
Phyllanthaceae	*Kirganelia baccata*																				
Phyllanthaceae	*Nellica maderaspatensis*								+												
Phyllanthaceae	*Notoleptopus decaisnei*								+			+									
Phyllanthaceae	*Phyllanthus hebecarpus* **(P3)**																				
Pittosporaceae	*Pittosporum angustifolium*																				
Plantaginaceae	*Stemodia grossa*											+					+				
Plantaginaceae	*Stemodia kingii*																				
Plantaginaceae	*Stemodia viscosa*																				
Poaceae	*Aristida burbidgeae*																				
Poaceae	*Aristida contorta*																				
Poaceae	? *Aristida contorta*																				
Poaceae	*Aristida holathera* var. *holathera*							+								+					
Poaceae	*Aristida inaequiglumis*																				
Poaceae	* *Cenchrus ciliaris*						+	+	+			+			+			+		+	
Poaceae	* *Cenchrus setiger*																			+	
Poaceae	*Cenchrus* sp.																				

Family	Taxa	EP01	EP02	EP03	EP04	EP05	EP10	EP11	EP12	EP13	EP14	EP15	EP16	EP17	EP18r	EP19	EP20	EP21	EP22	EP23	EP24
Poaceae	*Chloris barbata																				
Poaceae	*Chloris pumilio*											+									
Poaceae	*Chloris virgata																				
Poaceae	*Chrysopogon fallax*	+										+		+				+		+	
Poaceae	*Cymbopogon ambiguus*	+																		+	
Poaceae	*Cymbopogon obtectus*																				
Poaceae	*Cymbopogon procerus*																				
Poaceae	*Cynodon convergens*							+													
Poaceae	*Cynodon dactylon*																				
Poaceae	*Cynodon prostratus*																				
Poaceae	*Dactyloctenium radulans*											+									
Poaceae	*Dichanthium fecundum*																				
Poaceae	*Dichanthium sericeum* subsp. *humilius*								+												
Poaceae	*Digitaria brownii*																				
Poaceae	*Digitaria ctenantha*																				
Poaceae	*Diplachne fusca* subsp. *fusca*																+				
Poaceae	*Echinochloa colona																				
Poaceae	*Enneapogon caerulescens*																				
Poaceae	*Enneapogon ?caerulescens*																				
Poaceae	*Enneapogon lindleyanus*																				
Poaceae	*Enneapogon polyphyllus*																				
Poaceae	*Enneapogon* sp.																				
Poaceae	*Eragrostis crateriformis* **(P3)**											+									
Poaceae	*Eragrostis cumingii*									+		+								+	
Poaceae	*Eragrostis desertorum*																				
Poaceae	*Eragrostis dielsii*									+											
Poaceae	*Eragrostis eriopoda*																	+			
Poaceae	*Eragrostis exigua*																				
Poaceae	*Eragrostis minor*																				
Poaceae	*Eragrostis olida*																				
Poaceae	*Eragrostis* sp. 1																				
Poaceae	*Eragrostis* sp. 2																				
Poaceae	*Eragrostis tenellula*																+			+	
Poaceae	*Eragrostis ?tenellula*																				
Poaceae	*Eriachne aristidea*									+											
Poaceae	*Eriachne benthamii*											+									
Poaceae	*Eriachne ciliata*																				
Poaceae	*Eriachne flaccida*								+												
Poaceae	*Eriachne helmsii*																				
Poaceae	*Eriachne melicacea*																				
Poaceae	*Eriachne mucronata*	+		+																	

Family	Taxa	EP01	EP02	EP03	EP04	EP05	EP10	EP11	EP12	EP13	EP14	EP15	EP16	EP17	EP18r	EP19	EP20	EP21	EP22	EP23	EP24
Poaceae	*Eriachne obtusa*																				
Poaceae	*Eriachne pulchella*																				
Poaceae	*Eriachne pulchella* subsp. *dominii*																				
Poaceae	*Eriachne pulchella* subsp. *pulchella*			+		+		+	+	+	+		+	+		+	+	+	+		+
Poaceae	*Eriachne* sp. 1																				
Poaceae	*Eriachne* sp. 2																				
Poaceae	*Eriachne* sp. 3																				
Poaceae	*Eriachne* sp. 4																				
Poaceae	*Eriachne* sp. Dugald River (B.K. Simon+ 3007)																				
Poaceae	*Eriachne tenuiculmis*	+										+									
Poaceae	*Eulalia aurea*																				
Poaceae	*Iseilema dolichotrichum*																				
Poaceae	*Iseilema membranaceum*																				
Poaceae	*Panicum australiense*																				
Poaceae	*Panicum australiense* var. *australiense*							+		+						+					
Poaceae	*Paraneurachne muelleri*																		+	+	
Poaceae	*Paspalidium basicladum*																				
Poaceae	*Paspalidium clementii*																				
Poaceae	*Paspalidium jubiflorum*																				
Poaceae	*Paspalidium rarum*									+											
Poaceae	*Perotis rara*																			+	
Poaceae	POACEAE sp. 1																				
Poaceae	POACEAE sp. 2																				
Poaceae	POACEAE sp. 3		+																		
Poaceae	*Schizachyrium fragile*									+											
Poaceae	**Setaria verticillata*	+																			
Poaceae	*Sporobolus actinocladus*																				
Poaceae	*Sporobolus australasicus*							+	+	+										+	
Poaceae	*Sporobolus ramigerus*																				
Poaceae	*Themeda triandra*	+																			
Poaceae	*Themeda ? triandra*																				
Poaceae	*Triodia angusta*																				
Poaceae	*Triodia ? angusta*																				
Poaceae	*Triodia brizoides*										+										
Poaceae	*Triodia ? brizoides*										+										
Poaceae	*Triodia epactia*	+	+	+	+	+				+			+	+			+				+
Poaceae	*Triodia ? epactia*																				
Poaceae	*Triodia lanigera*				+																
Poaceae	*Triodia longiceps*						+	+	+	+		+			+			+		+	
Poaceae	*Triodia secunda*																				
Poaceae	*Triodia wiseana*															+		+	+		

Family	Taxa	EP01	EP02	EP03	EP04	EP05	EP10	EP11	EP12	EP13	EP14	EP15	EP16	EP17	EP18r	EP19	EP20	EP21	EP22	EP23	EP24
Poaceae	*Triodia ? wiseana*																				
Poaceae	*Tripogonella loliiformis*			+						+											
Poaceae	*Whiteochloa cymbiformis*																				
Polygalaceae	*Polygala glaucifolia*							+	+												
Polygalaceae	*Polygala isingii*																				
Polygalaceae	*Polygala* sp.																				
Portulacaceae	*Portulaca filifolia*																				
Portulacaceae	*Portulaca oleracea*							+		+										+	
Potamogetonaceae	*Potamogeton tepperi*																				
Proteaceae	*Grevillea pyramidalis* subsp. *leucadendron*						+														
Proteaceae	*Grevillea wickhamii*		+	+	+																
Proteaceae	*Grevillea wickhamii* subsp. *aprica*												+								
Proteaceae	*Grevillea wickhamii* subsp. *hispidula*	+				+								+		+					
Proteaceae	*Hakea lorea* subsp. *lorea*														+			+			
Pteridaceae	*Cheilanthes sieberi* subsp. *Sieberi*																				
Pteridaceae	*Cheilanthes* sp.																				
Rubiaceae	*Dolichocarpa crouchiana*							+	+		+		+			+					
Rubiaceae	*Synaptantha tillaeacea* var. *tillaeacea*							+					+			+					
Sapindaceae	*Atalaya hemiglauca*	+					+								+			+	+	+	
Sapindaceae	*Dodonaea coriacea*																				
Scrophulariaceae	*Eremophila latrobei* subsp. *glabra*																				
Scrophulariaceae	*Eremophila latrobei* ?subsp. *glabra*																				
Scrophulariaceae	*Eremophila latrobei* subsp. *latrobei*																				
Scrophulariaceae	*Eremophila longifolia*																				
Solanaceae	*Nicotiana benthamiana*																				
Solanaceae	*Nicotiana bilybara*																				
Solanaceae	*Nicotiana occidentalis*																				
Solanaceae	**Physalis angulata*																+				
Solanaceae	*Solanum ? centrale*			+																	
Solanaceae	*Solanum cleistogamum*																				
Solanaceae	*Solanum diversiflorum*																+		+	+	
Solanaceae	*Solanum gabrielae*																				
Solanaceae	*Solanum horridum*							+													
Solanaceae	*Solanum lasiophyllum*																				
Solanaceae	*Solanum lucani*																				
Solanaceae	**Solanum nigrum*																				
Solanaceae	*Solanum phlomoides*																		+		
Solanaceae	*Solanum ? phlomoides*																				
Solanaceae	*Solanum* sp.																				
Stylidiaceae	*Stylidium desertorum*									+											
Typhaceae	*Typha domingensis*																				

Family	Taxa	EP01	EP02	EP03	EP04	EP05	EP10	EP11	EP12	EP13	EP14	EP15	EP16	EP17	EP18r	EP19	EP20	EP21	EP22	EP23	EP24
Violaceae	*Afrohybanthus aurantiacus*									+		+	+	+		+	+			+	
Violaceae	*Afrohybanthus ?aurantiacus*																				
Violaceae	?*Afrohybanthus* sp.																				
Zygophyllaceae	*Tribulus hirsutus*		+					+			+	+							+		+
Zygophyllaceae	*Tribulus occidentalis*							+													
Zygophyllaceae	*Tribulus platypterus*																				
Zygophyllaceae	*Tribulus ?platypterus*																				
Zygophyllaceae	*Tribulus suberosus*																				

Sites EP25-EP44

Family	Taxa	EP25	EP26	EP27	EP28	EP29	EP30	EP31	EP32	EP33	EP34	EP35	EP36	EP37	EP38	EP39	EP40	EP41R	EP42	EP43	EP44
Acanthaceae	*Rostellularia adscendens* var. *clementii*																				
Aizoaceae	*Trianthema pilosum*																				
Aizoaceae	**Trianthema portulacastrum*																				
Aizoaceae	*Trianthema triquetrum*																				
Aizoaceae	*Trianthema turgidifolium*																+				
Aizoaceae	*Zaleya galericulata* subsp. *galericulata*																				
Amaranthaceae	*Achyranthes aspera*																				
Amaranthaceae	**Aerva javanica*																				
Amaranthaceae	*Alternanthera denticulata*																				
Amaranthaceae	*Alternanthera denticulata* var. *denticulata*																				
Amaranthaceae	*Alternanthera nana*																				
Amaranthaceae	*Amaranthus cuspidifolius*																				
Amaranthaceae	*Amaranthus undulatus*		+				+	+			+										
Amaranthaceae	*Gomphrena canescens*																				
Amaranthaceae	*Gomphrena cunninghamii*		+	+	+	+	+				+					+					
Amaranthaceae	*Gomphrena kanisii*																				
Amaranthaceae	*Gomphrena lanata*																				
Amaranthaceae	*Gomphrena leptoclada* subsp. *leptoclada*																				
Amaranthaceae	*Ptilotus astrolasius*	+																	+		
Amaranthaceae	*Ptilotus auriculifolius*		+	+	+						+					+			+		+
Amaranthaceae	*Ptilotus axillaris*																				
Amaranthaceae	*Ptilotus calostachyus*	+			+		+		+	+			+	+		+			+		
Amaranthaceae	*Ptilotus clementii*						+														
Amaranthaceae	*Ptilotus exaltatus*																				
Amaranthaceae	*Ptilotus fusiformis*						+	+			+										
Amaranthaceae	*Ptilotus gomphrenoides*																				
Amaranthaceae	*Ptilotus incanus*																				
Amaranthaceae	*Ptilotus mollis* **(P4)**																				
Amaranthaceae	*Ptilotus obovatus*																				
Amaranthaceae	*Ptilotus* sp.																				
Amaranthaceae	? *Ptilotus* sp.																				
Apocynaceae	**Calotropis procera*											+									
Apocynaceae	*Carissa lanceolata*																				
Apocynaceae	*Cynanchum floribundum*																				
Apocynaceae	*Cynanchum viminale* subsp. *australe*																				
Apocynaceae	*Gymnanthera cunninghamii* **(P3)**											+									
Apocynaceae	*Gymnema erectum*																				
Apocynaceae	*Vincetoxicum flexuosum*																				

Family	Taxa	EP25	EP26	EP27	EP28	EP29	EP30	EP31	EP32	EP33	EP34	EP35	EP36	EP37	EP38	EP39	EP40	EP41R	EP42	EP43	EP44
Araliaceae	*Trachymene oleracea*																				
Araliaceae	*Trachymene oleracea* subsp. *oleracea*						+														
Araliaceae	*Trachymene pilbarensis*																				
Asteraceae	*Blumea tenella*																				
Asteraceae	*Centipeda minima* subsp. *macrocephala*																				
Asteraceae	*Chrysocephalum apiculatum* subsp. *pilbarense*																				
Asteraceae	*Chrysocephalum* sp.																				
Asteraceae	**Flaveria trinervia*																				
Asteraceae	*Olearia fluvialis*																				
Asteraceae	*Pentalepis trichodesmoides* subsp. *trichodesmoides*				+						+										
Asteraceae	*Pluchea dentex*																				
Asteraceae	*Pluchea ferdinandi-muelleri*																+				
Asteraceae	*Pluchea rubelliflora*																				
Asteraceae	*?Pluchea rubelliflora*																				
Asteraceae	*Pluchea tetranthera*	+										+									
Asteraceae	*Pterocaulon serrulatum* var. *velutinum*																				
Asteraceae	*Pterocaulon sphacelatum*																				
Asteraceae	**Sonchus oleraceus*																				
Asteraceae	*Streptoglossa ?bubakii*																				
Asteraceae	*Streptoglossa decurrens*																				
Asteraceae	*Streptoglossa ?decurrens*																				
Asteraceae	*Vittadinia dissecta* var. *hirta*																				
Bixaceae	*Cochlospermum macnamarae* **(P1)**																				
Boraginaceae	*Ehretia saligna* var. *saligna*																				
Boraginaceae	*Euploca chrysocarpa*	+																			
Boraginaceae	*Euploca ?chrysocarpa*																				
Boraginaceae	*Euploca conocarpa*																				
Boraginaceae	*Euploca cunninghamii*				+														+		+
Boraginaceae	*Euploca ?cunninghamii*																				
Boraginaceae	*Euploca heterantha*																				
Boraginaceae	*Euploca pachyphylla*																		+		
Boraginaceae	*Euploca ?pachyphylla*																				
Boraginaceae	*Euploca skeleton*				+				+												
Boraginaceae	*Euploca tanythrix*									+											
Boraginaceae	*Euploca tenuifolia*																				
Boraginaceae	*Heliotropium crispatum*	+	+	+				+							+						+
Boraginaceae	*Heliotropium murinum* **(P3)**																				
Boraginaceae	*Heliotropium ?murinum* **(P3)**																				
Boraginaceae	*Heliotropium* sp. 1																				
Boraginaceae	*Heliotropium* sp. 2																				

Family	Taxa	EP25	EP26	EP27	EP28	EP29	EP30	EP31	EP32	EP33	EP34	EP35	EP36	EP37	EP38	EP39	EP40	EP41R	EP42	EP43	EP44
Boraginaceae	*Trichodesma zeylanicum*		+	+			+				+										
Boraginaceae	*Trichodesma zeylanicum* var. *zeylanicum*							+													
Brassicaceae	*Lepidium pedicellosum*																				
Byblidaceae	*Byblis pilbarana*																				
Campanulaceae	*Wahlenbergia tumidifructa*																				
Capparaceae	*Capparis spinosa* subsp. *nummularia*																				
Caryophyllaceae	*Polycarpaea corymbosa* var. *corymbosa*					+															
Caryophyllaceae	*Polycarpaea holtzei*														+	+					
Caryophyllaceae	*Polycarpaea longiflora*				+																
Celastraceae	*Stackhousia intermedia*																				
Celastraceae	*Stackhousia ?intermedia*																				
Celastraceae	*Stackhousia muricata*																				
Chenopodiaceae	*Dysphania kalpari*															+					
Chenopodiaceae	*Dysphania plantaginella*																				
Chenopodiaceae	*Dysphania rhadinostachya*																				
Chenopodiaceae	*Dysphania rhadinostachya* subsp. *inflata*																				
Chenopodiaceae	*Dysphania rhadinostachya* subsp. *rhadinostachya*																				
Chenopodiaceae	*Dysphania* sp.																				
Chenopodiaceae	?*Dysphania* sp.																				
Chenopodiaceae	*Dysphania sphaerosperma*																				
Chenopodiaceae	*Sclerolaena costata*																				
Chenopodiaceae	*Sclerolaena densiflora*																				
Chenopodiaceae	*Sclerolaena hostilis*																+				
Cleomaceae	*Arivela viscosa*	+	+	+	+	+	+	+			+	+				+		+			
Combretaceae	*Terminalia circumalata*					+		+													
Combretaceae	*Terminalia* sp.		+																		
Combretaceae	?*Terminalia* sp. 1																				
Combretaceae	?*Terminalia* sp. 2																				
Combretaceae	?*Terminalia* sp. 3																				
Combretaceae	?*Terminalia* sp. 4																				
Commelinaceae	*Commelina ensifolia*																				
Convolvulaceae	*Bonamia alatisemina*																				
Convolvulaceae	*Bonamia ?alatisemina*																				
Convolvulaceae	*Bonamia erecta*	+												+							
Convolvulaceae	*Bonamia linearis*	+																			
Convolvulaceae	*Bonamia media*																				
Convolvulaceae	*Bonamia ?media*																				
Convolvulaceae	*Bonamia pannosa*																				
Convolvulaceae	*Bonamia pilbarensis*				+		+				+		+								+
Convolvulaceae	*Bonamia ?pilbarensis*																				

Family	Taxa	EP25	EP26	EP27	EP28	EP29	EP30	EP31	EP32	EP33	EP34	EP35	EP36	EP37	EP38	EP39	EP40	EP41R	EP42	EP43	EP44
Convolvulaceae	*Bonamia* sp. 1																				
Convolvulaceae	*Bonamia* sp. 2																				
Convolvulaceae	*Evolvulus alsinoides*																				
Convolvulaceae	*Evolvulus alsinoides* var. *villosicalyx*																				
Convolvulaceae	*Ipomoea coptica*																				
Convolvulaceae	*Ipomoea lonchophylla*																				
Convolvulaceae	*Ipomoea muelleri*											+									
Convolvulaceae	*Ipomoea polymorpha*																				
Convolvulaceae	*Operculina aequisepala*																				
Convolvulaceae	*Polymeria ambigua*																				
Convolvulaceae	*Polymeria calycina*																				
Convolvulaceae	*Polymeria lanata*					+															
Convolvulaceae	*Polymeria mollis*		+																		
Convolvulaceae	*Polymeria* ? *mollis*																				
Cucurbitaceae	*Austrobryonia pilbarensis*																				
Cucurbitaceae	* *Citrullus colocynthis*																				
Cucurbitaceae	*Cucumis melo*																				
Cucurbitaceae	* *Cucumis myriocarpus* subsp. *myriocarpus*																				
Cucurbitaceae	*Cucumis* sp. Chichester Range (A.A. Mitchell et al. AAM 10691)																				
Cucurbitaceae	*Cucumis variabilis*			+		+					+										
Cucurbitaceae	*Trichosanthes cucumerina* var. *cucumerina*																				
Cyperaceae	*Bulbostylis barbata*	+				+					+			+		+					
Cyperaceae	*Bulbostylis burbidgeae* **(P4)**																				
Cyperaceae	*Bulbostylis turbinata*																				
Cyperaceae	*Cyperus bifax*																				
Cyperaceae	*Cyperus bulbosus*																				
Cyperaceae	*Cyperus cunninghamii* subsp. *cunninghamii*																				
Cyperaceae	*Cyperus dactylotes*																				
Cyperaceae	*Cyperus difformis*																				
Cyperaceae	*Cyperus hesperius*									+											
Cyperaceae	*Cyperus ixiocarpus*																				
Cyperaceae	*Cyperus microcephalus* subsp. *microcephalus*																				
Cyperaceae	*Cyperus* sp. 1																				
Cyperaceae	*Cyperus* sp. 2																				
Cyperaceae	*Cyperus squarrosus*																				
Cyperaceae	*Cyperus vaginatus*		+					+				+									
Cyperaceae	*Fimbristylis dichotoma*														+						
Cyperaceae	*Fimbristylis elegans*																				
Cyperaceae	*Fimbristylis simulans*														+						
Cyperaceae	*Fimbristylis* sp.																				

Family	Taxa	EP25	EP26	EP27	EP28	EP29	EP30	EP31	EP32	EP33	EP34	EP35	EP36	EP37	EP38	EP39	EP40	EP41R	EP42	EP43	EP44
Cyperaceae	*Fuirena ciliaris*																				
Elatinaceae	*Bergia pedicellaris*																				
Euphorbiaceae	*Adriana tomentosa*																				
Euphorbiaceae	*Adriana tomentosa* var. *tomentosa*																				
Euphorbiaceae	*Adriana tomentosa* ?var. *tomentosa*																				
Euphorbiaceae	*Euphorbia* ?*australis*																				
Euphorbiaceae	*Euphorbia australis* var. *subtomentosa*					+						+						+			
Euphorbiaceae	*Euphorbia biconvexa*																				
Euphorbiaceae	*Euphorbia boophthona*																				
Euphorbiaceae	*Euphorbia careyi*		+					+				+									
Euphorbiaceae	*Euphorbia coghlanii*		+			+		+				+									
Euphorbiaceae	*Euphorbia inappendiculata* var. *inappendiculata* **(P3)**																				
Euphorbiaceae	*Euphorbia* sp. 1																				
Euphorbiaceae	*Euphorbia* sp. 2																				
Euphorbiaceae	*Euphorbia tannensis* subsp. *eremophila*			+	+			+			+					+					
Euphorbiaceae	*Euphorbia* ?*tannensis* subsp. *eremophila*																				
Euphorbiaceae	*Euphorbia trigonosperma*																				
Euphorbiaceae	*Mallotus nesophilus*																				
Fabaceae	*Acacia acradenia*											+	+				+		+	+	+
Fabaceae	*Acacia adoxa* var. *adoxa*																				
Fabaceae	*Acacia adsurgens*																				
Fabaceae	*Acacia ampliceps*																				
Fabaceae	*Acacia ampliceps x sclerosperma* subsp. *sclerosperma*																				
Fabaceae	*Acacia ancistrocarpa*										+										
Fabaceae	*Acacia aptaneura*																				
Fabaceae	*Acacia arida*																				
Fabaceae	*Acacia bivenosa*	+															+		+	+	+
Fabaceae	*Acacia* ?*bivenosa*																				
Fabaceae	*Acacia colei*																				
Fabaceae	*Acacia colei* var. *colei*																				
Fabaceae	*Acacia colei* ?var. *colei*	+					+			+											
Fabaceae	*Acacia coriacea* subsp. *pendens*																				
Fabaceae	*Acacia elachantha*																				
Fabaceae	*Acacia eriopoda*																				
Fabaceae	*Acacia eriopoda x trachycarpa*																				
Fabaceae	*Acacia hilliana*																				
Fabaceae	*Acacia holosericea*																				
Fabaceae	*Acacia inaequilatera*			+	+		+			+	+		+	+	+	+			+		+
Fabaceae	*Acacia levata* **(P3)**																				

Family	Taxa	EP25	EP26	EP27	EP28	EP29	EP30	EP31	EP32	EP33	EP34	EP35	EP36	EP37	EP38	EP39	EP40	EP41R	EP42	EP43	EP44
Fabaceae	*Acacia maitlandii*													+	+						
Fabaceae	*Acacia monticola*																				
Fabaceae	*Acacia orthocarpa*									+				+	+						
Fabaceae	*Acacia pruinocarpa*																				
Fabaceae	*Acacia ptychophylla*			+	+																
Fabaceae	*Acacia pyrifolia*					+		+													
Fabaceae	*Acacia pyrifolia* var. *morrisonii*																	+			
Fabaceae	*Acacia pyrifolia* var. *pyrifolia*		+														+				
Fabaceae	*Acacia retivenea* subsp. *clandestina*																				
Fabaceae	*Acacia sericophylla*																				
Fabaceae	*Acacia sibirica*																				
Fabaceae	*Acacia* sp. 1																				
Fabaceae	*Acacia* sp. 2																				
Fabaceae	*Acacia* sp. 3																				
Fabaceae	*Acacia* sp. 4																				
Fabaceae	*Acacia* sp. 5																				
Fabaceae	*Acacia* sp. 6																				
Fabaceae	*Acacia* sp. 7																				
Fabaceae	*Acacia* sp. 8		+																		
Fabaceae	*Acacia* sp. 9																				
Fabaceae	*Acacia sphaerostachya*																				
Fabaceae	*Acacia spondylophylla*																				
Fabaceae	*Acacia stellaticeps*																				
Fabaceae	*Acacia synchronicia*																				
Fabaceae	*Acacia trachycarpa*		+									+						+			
Fabaceae	*Acacia trachycarpa x tumida* var. *pilbarensis*		+																		
Fabaceae	*Acacia tumida* var. *pilbarensis*					+		+													
Fabaceae	*Acacia victoriae* subsp. *victoriae*																				
Fabaceae	*Alysicarpus muelleri*																				
Fabaceae	*Cajanus cinereus*																				
Fabaceae	*Cajanus* ? *cinereus*																				
Fabaceae	*Cajanus pubescens*		+					+							+						
Fabaceae	*Cajanus* sp. 1																				
Fabaceae	*Cajanus* sp. 2																				
Fabaceae	*Cajanus* sp. 3																				
Fabaceae	*Crotalaria cunninghamii* subsp. *sturtii*										+										
Fabaceae	*Crotalaria* ? *cunninghamii* subsp. *sturtii*																				
Fabaceae	*Crotalaria medicaginea* var. *neglecta*																				
Fabaceae	*Crotalaria novae-hollandiae* subsp. *novae-hollandiae*																				
Fabaceae	*Cullen lachnostachys*							+													

Family	Taxa	EP25	EP26	EP27	EP28	EP29	EP30	EP31	EP32	EP33	EP34	EP35	EP36	EP37	EP38	EP39	EP40	EP41R	EP42	EP43	EP44
Fabaceae	*Cullen leucanthum*																				
Fabaceae	*Cullen leucochaites*																				
Fabaceae	*Cullen martinii*																				
Fabaceae	*Cullen pallidum*																				
Fabaceae	*Cullen pogonocarpum*																				
Fabaceae	*Cullen pustulatum*																				
Fabaceae	*Cullen* ?*pustulatum*																				
Fabaceae	*Cullen* sp. 1																				
Fabaceae	*Cullen* sp. 2																				
Fabaceae	*Cullen stipulaceum*							+													
Fabaceae	*Dichrostachys spicata*																+				
Fabaceae	*Erythrina vespertilio*																				
Fabaceae	*Glycine canescens*																				
Fabaceae	*Grona filiformis*																				
Fabaceae	*Indigastrum parviflorum*																				
Fabaceae	*Indigofera colutea*																				
Fabaceae	*Indigofera deserticola*						+														
Fabaceae	*Indigofera hirsuta*																				
Fabaceae	*Indigofera linifolia*																				
Fabaceae	*Indigofera linnaei*																				
Fabaceae	*Indigofera monophylla*	+	+		+			+			+		+	+	+	+					
Fabaceae	*Indigofera rugosa*																				
Fabaceae	**Indigofera sessiliflora*																				
Fabaceae	*Indigofera* sp. 1																				
Fabaceae	*Indigofera* sp. 2																				
Fabaceae	*Indigofera* sp. 3																				
Fabaceae	*Indigofera trita*																				
Fabaceae	*Indigofera trita* subsp. *trita*																				
Fabaceae	*Indigofera trita* ?subsp. *trita*																				
Fabaceae	*Isotropis atropurpurea*							+													
Fabaceae	*Neptunia* sp.																				
Fabaceae	*Petalostylis labicheoides*					+													+		
Fabaceae	*Rhynchosia australis*																				
Fabaceae	*Rhynchosia minima*					+		+			+					+	+				
Fabaceae	*Rhynchosia* sp. 1																				
Fabaceae	*Rhynchosia* sp. 2																				
Fabaceae	*Rhynchosia* sp. 3																				
Fabaceae	*Rhynchosia* sp. 4																				
Fabaceae	*Rhynchosia* sp. 5																				
Fabaceae	*Rhynchosia* sp. 6		+																		
Fabaceae	*Senna artemisioides* subsp. *helmsii*																				

Family	Taxa	EP25	EP26	EP27	EP28	EP29	EP30	EP31	EP32	EP33	EP34	EP35	EP36	EP37	EP38	EP39	EP40	EP41R	EP42	EP43	EP44
Fabaceae	*Senna artemisioides* subsp. *helmsii x oligophylla*																				
Fabaceae	*Senna artemisioides* subsp. *oligophylla*														+						
Fabaceae	*Senna ferraria*																				
Fabaceae	*Senna glaucifolia*																				
Fabaceae	*Senna glutinosa*																				
Fabaceae	*Senna* ? *glutinosa*																				
Fabaceae	*Senna glutinosa* subsp. *glutinosa*		+	+			+	+			+		+	+							+
Fabaceae	*Senna glutinosa* subsp. *pruinosa*								+				+						+		+
Fabaceae	*Senna glutinosa* subsp. *x luerssenii*																				
Fabaceae	*Senna notabilis*				+			+			+								+		
Fabaceae	*Senna symonii*								+				+				+			+	
Fabaceae	*Senna venusta*										+										
Fabaceae	*Sesbania cannabina*							+				+									
Fabaceae	*Sesbania formosa*																				
Fabaceae	*Swainsona decurrens*										+										
Fabaceae	*Swainsona formosa*																				
Fabaceae	*Swainsona* ? *formosa*																				
Fabaceae	*Swainsona* sp. 1																				
Fabaceae	*Swainsona* sp. 2																				
Fabaceae	*Swainsona stenodonta*																				
Fabaceae	*Templetonia hookeri*																				
Fabaceae	*Tephrosia clementii*																				
Fabaceae	*Tephrosia densa*																				
Fabaceae	*Tephrosia leptoclada*																				
Fabaceae	*Tephrosia rosea*																				
Fabaceae	*Tephrosia rosea* var. *clementii*					+		+													
Fabaceae	*Tephrosia rosea* ?var. *clementii*																				
Fabaceae	? *Tephrosia* sp.																				
Fabaceae	*Tephrosia* sp. 1																				
Fabaceae	*Tephrosia* sp. 2																				
Fabaceae	*Tephrosia* sp. B Kimberley Flora (C.A. Gardner 7300)																				
Fabaceae	*Tephrosia* sp. Bungaroo Creek (M.E. Trudgen 11601)			+																	
Fabaceae	*Tephrosia* sp. clay soils (S. van Leeuwen et al. PBS 0273)				+																
Fabaceae	*Tephrosia* sp. D Kimberley Flora (R.D. Royce 1848)																				
Fabaceae	*Tephrosia* sp. Newman (A.A. Mitchell PRP 29)																				

Family	Taxa	EP25	EP26	EP27	EP28	EP29	EP30	EP31	EP32	EP33	EP34	EP35	EP36	EP37	EP38	EP39	EP40	EP41R	EP42	EP43	EP44
Fabaceae	*Tephrosia* sp. *NW Eremaean (S. van Leeuwen et al. PBS 0356)*																				
Fabaceae	*Tephrosia supina*																				
Fabaceae	*Tephrosia ? supina*																				
Fabaceae	*Tephrosia virens*						+														
Fabaceae	*Tephrosia ? virens*																				
Fabaceae	* *Vachellia farnesiana* var. *farnesiana*																	+			
Fabaceae	*Vigna lanceolata* var. *lanceolata*											+									
Fabaceae	*Vigna* sp. Hamersley Clay (A.A. Mitchell PRP 113)																				
Fabaceae	*Zornia albiflora*																				
Goodeniaceae	*Dampiera candicans*		+			+	+			+											
Goodeniaceae	*Dampiera* sp.																				
Goodeniaceae	*Goodenia armitiana*																				
Goodeniaceae	*Goodenia cusackiana*																				
Goodeniaceae	*Goodenia ? cusackiana*																				
Goodeniaceae	*Goodenia lamprosperma*																				
Goodeniaceae	*Goodenia microptera*	+		+																	
Goodeniaceae	*Goodenia muelleriana*			+											+	+					
Goodeniaceae	*Goodenia ? muelleriana*																				
Goodeniaceae	*Goodenia nuda*																				
Goodeniaceae	*Goodenia scaevolina*																				
Goodeniaceae	*Goodenia* sp. 1																				
Goodeniaceae	*Goodenia* sp. 2																				
Goodeniaceae	*Goodenia stobbsiana*				+														+		
Goodeniaceae	*Goodeniaceae* sp.																				
Goodeniaceae	*Scaevola amblyanthera* var. *centralis*																				
Goodeniaceae	*Scaevola ? amblyanthera* var. *centralis*																				
Goodeniaceae	*Scaevola browniana* subsp. *browniana*																				
Goodeniaceae	*Scaevola parvifolia*																				
Goodeniaceae	*Scaevola* sp.																				
Gyrostemonaceae	*Codonocarpus cotinifolius*																				
Haloragaceae	*Gonocarpus ephemerus*																				
Haloragaceae	*Haloragis ? gossei*																				
Haloragaceae	*Haloragis gossei* var. *gossei*											+									
Haloragaceae	*Haloragis gossei* ?var. *gossei*																				
Haloragaceae	*Haloragis* sp. 1																				
Haloragaceae	*Haloragis* sp. 2																				
Lamiaceae	*Basilicum polystachyon*																				
Lamiaceae	*Clerodendrum floribundum* var. *angustifolium*																				

Family	Taxa	EP25	EP26	EP27	EP28	EP29	EP30	EP31	EP32	EP33	EP34	EP35	EP36	EP37	EP38	EP39	EP40	EP41R	EP42	EP43	EP44
Lamiaceae	*Clerodendrum floribundum* var. ?*angustifolium*																				
Lamiaceae	*Clerodendrum tomentosum* var. *lanceolatum*																				
Lamiaceae	*Clerodendrum tomentosum* var. *tomentosum*																				
Lamiaceae	*Quoya zonalis* **(T)**																				
Lauraceae	*Cassytha capillaris*																				
Lauraceae	*Cassytha filiformis*																				+
Lauraceae	*Cassytha* sp. 1																				
Lauraceae	*Cassytha* sp. 2																+				
Lauraceae	*Cassytha* sp. 3											+									
Loganiaceae	*Mitrasacme connata*																				
Loranthaceae	*Lysiana casuarinae*																				
Lythraceae	*Ammannia baccifera*																				
Lythraceae	*Ammannia multiflora*																				
Lythraceae	*Ammannia* sp. 1																				
Lythraceae	*Ammannia* sp. 2																				
Lythraceae	*Ammannia* sp. 3																				
Lythraceae	*Ammannia* sp. 4																				
Malvaceae	*Abutilon fraseri* subsp. *fraseri*																				
Malvaceae	*Abutilon lepidum*																				
Malvaceae	*Abutilon ?leucopetalum*																				
Malvaceae	*Abutilon macrum*																				
Malvaceae	*Abutilon* sp. 1																				
Malvaceae	*Abutilon* sp. 2																				
Malvaceae	*Abutilon* sp. 3																				
Malvaceae	*Abutilon* sp. Dioicum (A.A. Mitchell PRP 1618)																				
Malvaceae	*Abutilon* sp. Pilbara (W.R. Barker 2025)																				
Malvaceae	*Brachychiton acuminatus*																				
Malvaceae	*Corchorus incanus*																				
Malvaceae	*Corchorus ?incanus*																				
Malvaceae	*Corchorus incanus* subsp. *incanus*	+	+	+	+	+	+					+			+		+	+			+
Malvaceae	*Corchorus ?incanus* subsp. *incanus*									+	+					+					+
Malvaceae	*Corchorus laniflorus*																				
Malvaceae	*Corchorus lasiocarpus* subsp. *lasiocarpus*																				
Malvaceae	*Corchorus parviflorus*																				
Malvaceae	*Corchorus ?parviflorus*																				
Malvaceae	*Corchorus* sp. 1																				
Malvaceae	*Corchorus* sp. 2																				
Malvaceae	*Corchorus tridens*																				
Malvaceae	*Corchorus trilocularis*																				
Malvaceae	*Corchorus walcottii*																				

Family	Taxa	EP25	EP26	EP27	EP28	EP29	EP30	EP31	EP32	EP33	EP34	EP35	EP36	EP37	EP38	EP39	EP40	EP41R	EP42	EP43	EP44
Malvaceae	*Gossypium australe*					+		+			+										
Malvaceae	*Gossypium robinsonii*																				
Malvaceae	*Hibiscus austrinus* var. *austrinus*																				
Malvaceae	*Hibiscus brachychlaenus*																				
Malvaceae	*Hibiscus burtonii*																				
Malvaceae	*Hibiscus coatesii*								+												
Malvaceae	*Hibiscus goldsworthii*																				
Malvaceae	*Hibiscus leptocladus*																				
Malvaceae	*Hibiscus sturtii*																				
Malvaceae	*Hibiscus* ?*sturtii*																				
Malvaceae	?*Hibiscus sturtii*																				
Malvaceae	*Hibiscus sturtii* var. *campylochlamys*																				
Malvaceae	*Hibiscus sturtii* var. *platychlamys*																				
Malvaceae	MALVACEAE sp. 1																				
Malvaceae	MALVACEAE sp. 2																				
Malvaceae	MALVACEAE sp. 3																				
Malvaceae	**Malvastrum americanum*																				
Malvaceae	*Melhania oblongifolia*																				
Malvaceae	*Seringia nephrosperma*																				
Malvaceae	*Sida arenicola*																				
Malvaceae	*Sida arsiniata*																				
Malvaceae	*Sida cardiophylla*																				
Malvaceae	*Sida clementii*																				
Malvaceae	*Sida echinocarpa*																				
Malvaceae	*Sida* ?*echinocarpa*																				
Malvaceae	*Sida fibulifera*																				
Malvaceae	*Sida* ?*fibulifera*																				
Malvaceae	*Sida macropoda*																				
Malvaceae	*Sida* ?*macropoda*																				
Malvaceae	*Sida platycalyx*																				
Malvaceae	*Sida rohlenae* subsp. *rohlenae*							+													
Malvaceae	*Sida* sp. 1																				
Malvaceae	*Sida* sp. 2																				
Malvaceae	*Sida* sp. 3																				
Malvaceae	*Sida* sp. articulation below (A.A. Mitchell PRP 1605)						+														
Malvaceae	*Sida* sp. Excedentifolia (J.L. Egan 1925)																				
Malvaceae	*Sida* sp. Pilbara (A.A. Mitchell PRP 1543)	+																			
Malvaceae	*Sida* sp. spiciform panicles (E. Leyland s.n. 14/8/90)																				
Malvaceae	*Sida spinosa*																				

Family	Taxa	EP25	EP26	EP27	EP28	EP29	EP30	EP31	EP32	EP33	EP34	EP35	EP36	EP37	EP38	EP39	EP40	EP41R	EP42	EP43	EP44
Malvaceae	*Triumfetta appendiculata*																				
Malvaceae	*Triumfetta* ? *appendiculata*		+																		
Malvaceae	*Triumfetta chaetocarpa*													+		+					
Malvaceae	*Triumfetta clementii*		+	+							+		+								
Malvaceae	*Triumfetta johnstonii*																				
Malvaceae	*Triumfetta leptacantha*																				
Malvaceae	*Triumfetta maconochieana*						+			+											
Malvaceae	*Triumfetta propinqua*																				
Malvaceae	*Triumfetta ramosa*						+														
Malvaceae	*Triumfetta* sp. 1																				
Malvaceae	*Triumfetta* sp. 2																				
Malvaceae	*Waltheria indica*																				
Malvaceae	*Waltheria virgata*																				
Marsileaceae	*Marsilea exarata*																				
Marsileaceae	*Marsilea hirsuta*																				
Marsileaceae	*Marsilea* sp. 1																				
Marsileaceae	*Marsilea* sp. 2																				
Menispermaceae	*Tinospora smilacina*																				
Molluginaceae	*Hypertelis cerviana*																				
Molluginaceae	*Trigastrotheca molluginea*	+			+																
Montiaceae	*Calandrinia ptychosperma*																				
Montiaceae	*Calandrinia* ? *pumila*																				
Montiaceae	*Calandrinia* ? *stagnensis*																				
Montiaceae	*Calandrinia tepperiana*											+									
Moraceae	*Ficus aculeata* var. *indecora*																				
Moraceae	*Ficus brachypoda*																				
Myrtaceae	*Corymbia candida* subsp. *candida*																				
Myrtaceae	*Corymbia* ? *candida* subsp. *candida*																				
Myrtaceae	*Corymbia flavescens*																				
Myrtaceae	*Corymbia hamersleyana*			+		+					+						+			+	+
Myrtaceae	*Corymbia* ? *hamersleyana*																				
Myrtaceae	? *Corymbia hamersleyana*																				
Myrtaceae	? *Corymbia* sp.																				
Myrtaceae	*Corymbia* sp. 1																				
Myrtaceae	*Corymbia* sp. 2																				
Myrtaceae	*Corymbia* sp. 3																				
Myrtaceae	*Eucalyptus camaldulensis*																				
Myrtaceae	*Eucalyptus* ? *camaldulensis*																				
Myrtaceae	*Eucalyptus camaldulensis* subsp. *refulgens*											+									
Myrtaceae	*Eucalyptus camaldulensis* ?subsp. *refulgens*																				
Myrtaceae	*Eucalyptus leucophloia*																				

Family	Taxa	EP25	EP26	EP27	EP28	EP29	EP30	EP31	EP32	EP33	EP34	EP35	EP36	EP37	EP38	EP39	EP40	EP41R	EP42	EP43	EP44
Myrtaceae	*Eucalyptus leucophloia* subsp. *leucophloia*						+							+	+						
Myrtaceae	*Eucalyptus* ? *leucophloia* subsp. *leucophloia*																				
Myrtaceae	*Eucalyptus* sp. 1																				
Myrtaceae	*Eucalyptus* sp. 2																				
Myrtaceae	*Eucalyptus victrix*					+		+													
Myrtaceae	*Melaleuca argentea*											+									
Myrtaceae	*Melaleuca bracteata*																				
Myrtaceae	*Melaleuca glomerata*		+									+									
Myrtaceae	*Melaleuca* ? *glomerata*																				
Myrtaceae	*Melaleuca linophylla*							+				+									
Myrtaceae	*Melaleuca* ? *linophylla*																				
Nyctaginaceae	*Boerhavia burbidgeana*																				
Nyctaginaceae	*Boerhavia coccinea*																				
Nyctaginaceae	*Boerhavia* ? *coccinea*																				
Nyctaginaceae	*Boerhavia gardneri*		+	+		+		+			+					+					+
Nyctaginaceae	*Boerhavia* sp.																				
Oleaceae	*Jasminum didymum* subsp. *lineare*																				
Onagraceae	*Ludwigia perennis*																				
Papaveraceae	* *Argemone ochroleuca* subsp. *ochroleuca*																				
Pedaliaceae	*Josephinia eugeniae*																				
Pedaliaceae	*Josephinia* sp. Mt Edgar Station (N.T. Burbidge 1194)																				
Phyllanthaceae	*Cathetus* sp.																				
Phyllanthaceae	*Cathetus virgatus*							+													
Phyllanthaceae	*Flueggea virosa* subsp. *melanthesoides*																				
Phyllanthaceae	*Kirganelia baccata*																				
Phyllanthaceae	*Nellica maderaspatensis*											+									
Phyllanthaceae	*Notoleptopus decaisnei*																				
Phyllanthaceae	*Phyllanthus hebecarpus* **(P3)**																				
Pittosporaceae	*Pittosporum angustifolium*																				
Plantaginaceae	*Stemodia grossa*		+	+		+		+				+					+				+
Plantaginaceae	*Stemodia kingii*											+									
Plantaginaceae	*Stemodia viscosa*											+									
Poaceae	*Aristida burbidgeae*																				
Poaceae	*Aristida contorta*																				
Poaceae	? *Aristida contorta*																				
Poaceae	*Aristida holathera* var. *holathera*	+																			+
Poaceae	*Aristida inaequiglumis*																				
Poaceae	* *Cenchrus ciliaris*		+			+						+					+	+			
Poaceae	* *Cenchrus setiger*																	+			
Poaceae	*Cenchrus* sp.																				

Family	Taxa	EP25	EP26	EP27	EP28	EP29	EP30	EP31	EP32	EP33	EP34	EP35	EP36	EP37	EP38	EP39	EP40	EP41R	EP42	EP43	EP44
Poaceae	*Chloris barbata*																				
Poaceae	*Chloris pumilio*																				
Poaceae	*Chloris virgata*																				
Poaceae	*Chrysopogon fallax*	+						+									+				
Poaceae	*Cymbopogon ambiguus*			+			+	+			+										
Poaceae	*Cymbopogon obtectus*																				
Poaceae	*Cymbopogon procerus*																				
Poaceae	*Cynodon convergens*																				
Poaceae	*Cynodon dactylon*											+									
Poaceae	*Cynodon prostratus*																				
Poaceae	*Dactyloctenium radulans*																				
Poaceae	*Dichanthium fecundum*																				
Poaceae	*Dichanthium sericeum* subsp. *humilius*																				
Poaceae	*Digitaria brownii*																				
Poaceae	*Digitaria ctenantha*																				
Poaceae	*Diplachne fusca* subsp. *fusca*																				
Poaceae	*Echinochloa colona*																				
Poaceae	*Enneapogon caerulescens*			+																	
Poaceae	*Enneapogon ?caerulescens*																				
Poaceae	*Enneapogon lindleyanus*					+															
Poaceae	*Enneapogon polyphyllus*																				
Poaceae	*Enneapogon* sp.																				
Poaceae	*Eragrostis crateriformis* **(P3)**																				
Poaceae	*Eragrostis cumingii*																				
Poaceae	*Eragrostis desertorum*																				
Poaceae	*Eragrostis dielsii*																				
Poaceae	*Eragrostis eriopoda*	+																			
Poaceae	*Eragrostis exigua*																				
Poaceae	*Eragrostis minor*																				
Poaceae	*Eragrostis olida*																				
Poaceae	*Eragrostis* sp. 1																				
Poaceae	*Eragrostis* sp. 2																				
Poaceae	*Eragrostis tenellula*																				
Poaceae	*Eragrostis ?tenellula*																				
Poaceae	*Eriachne aristidea*																				
Poaceae	*Eriachne benthamii*																				
Poaceae	*Eriachne ciliata*																				
Poaceae	*Eriachne flaccida*																				
Poaceae	*Eriachne helmsii*																				
Poaceae	*Eriachne melicacea*																				
Poaceae	*Eriachne mucronata*		+				+			+			+								+

Family	Taxa	EP25	EP26	EP27	EP28	EP29	EP30	EP31	EP32	EP33	EP34	EP35	EP36	EP37	EP38	EP39	EP40	EP41R	EP42	EP43	EP44
Poaceae	*Eriachne obtusa*																				
Poaceae	*Eriachne pulchella*																				
Poaceae	*Eriachne pulchella* subsp. *dominii*																				
Poaceae	*Eriachne pulchella* subsp. *pulchella*	+		+	+				+	+	+					+					
Poaceae	*Eriachne* sp. 1																				
Poaceae	*Eriachne* sp. 2																				
Poaceae	*Eriachne* sp. 3																				
Poaceae	*Eriachne* sp. 4																				
Poaceae	*Eriachne* sp. Dugald River (B.K. Simon+ 3007)							+		+				+	+			+			
Poaceae	*Eriachne tenuiculmis*		+			+		+													
Poaceae	*Eulalia aurea*																				
Poaceae	*Iseilema dolichotrichum*																				
Poaceae	*Iseilema membranaceum*																				
Poaceae	*Panicum australiense*																				
Poaceae	*Panicum australiense* var. *australiense*																				
Poaceae	*Paraneurachne muelleri*	+																			
Poaceae	*Paspalidium basicladum*																				
Poaceae	*Paspalidium clementii*										+				+						
Poaceae	*Paspalidium jubiflorum*																				
Poaceae	*Paspalidium rarum*																				
Poaceae	*Perotis rara*																				
Poaceae	POACEAE sp. 1																				
Poaceae	POACEAE sp. 2																				
Poaceae	POACEAE sp. 3																				
Poaceae	*Schizachyrium fragile*																				
Poaceae	**Setaria verticillata*																				
Poaceae	*Sporobolus actinocladus*																				
Poaceae	*Sporobolus australasicus*																+				
Poaceae	*Sporobolus ramigerus*																				
Poaceae	*Themeda triandra*							+													
Poaceae	*Themeda ? triandra*																				
Poaceae	*Triodia angusta*																			+	
Poaceae	*Triodia ? angusta*																				
Poaceae	*Triodia brizoides*			+			+		+		+			+	+	+					
Poaceae	*Triodia ? brizoides*																				
Poaceae	*Triodia epactia*	+	+	+	+			+	+	+	+		+		+						
Poaceae	*Triodia ? epactia*						+														
Poaceae	*Triodia lanigera*																				
Poaceae	*Triodia longiceps*											+					+				+
Poaceae	*Triodia secunda*																				
Poaceae	*Triodia wiseana*		+		+	+										+			+	+	+

Family	Taxa	EP25	EP26	EP27	EP28	EP29	EP30	EP31	EP32	EP33	EP34	EP35	EP36	EP37	EP38	EP39	EP40	EP41R	EP42	EP43	EP44
Poaceae	*Triodia ? wiseana*																				
Poaceae	*Tripogonella loliiformis*																				
Poaceae	*Whiteochloa cymbiformis*																				
Polygalaceae	*Polygala glaucifolia*			+										+							
Polygalaceae	*Polygala isingii*																				
Polygalaceae	*Polygala* sp.								+												
Portulacaceae	*Portulaca filifolia*																				
Portulacaceae	*Portulaca oleracea*																				
Potamogetonaceae	*Potamogeton tepperi*																				
Proteaceae	*Grevillea pyramidalis* subsp. *leucadendron*		+																		
Proteaceae	*Grevillea wickhamii*						+														+
Proteaceae	*Grevillea wickhamii* subsp. *aprica*																				
Proteaceae	*Grevillea wickhamii* subsp. *hispidula*			+		+		+		+				+	+						
Proteaceae	*Hakea lorea* subsp. *lorea*																	+			+
Pteridaceae	*Cheilanthes sieberi* subsp. *Sieberi*																				
Pteridaceae	*Cheilanthes* sp.																				
Rubiaceae	*Dolichocarpa crouchiana*		+	+			+				+					+			+		+
Rubiaceae	*Synaptantha tillaeacea* var. *tillaeacea*					+															
Sapindaceae	*Atalaya hemiglauca*		+			+		+				+						+			
Sapindaceae	*Dodonaea coriacea*									+											
Scrophulariaceae	*Eremophila latrobei* subsp. *glabra*																				
Scrophulariaceae	*Eremophila latrobei* ?subsp. *glabra*																				
Scrophulariaceae	*Eremophila latrobei* subsp. *latrobei*																				
Scrophulariaceae	*Eremophila longifolia*																				
Solanaceae	*Nicotiana benthamiana*																				
Solanaceae	*Nicotiana bilybara*																				
Solanaceae	*Nicotiana occidentalis*																				
Solanaceae	**Physalis angulata*																				
Solanaceae	*Solanum ? centrale*	+																			
Solanaceae	*Solanum cleistogamum*																				
Solanaceae	*Solanum diversiflorum*	+	+			+		+													
Solanaceae	*Solanum gabrielae*																				
Solanaceae	*Solanum horridum*			+						+	+										
Solanaceae	*Solanum lasiophyllum*																				
Solanaceae	*Solanum lucani*																				
Solanaceae	**Solanum nigrum*																				
Solanaceae	*Solanum phlomoides*								+	+											
Solanaceae	*Solanum ? phlomoides*																				
Solanaceae	*Solanum* sp.																				
Stylidiaceae	*Stylidium desertorum*																				
Typhaceae	*Typha domingensis*																				

Family	Taxa	EP25	EP26	EP27	EP28	EP29	EP30	EP31	EP32	EP33	EP34	EP35	EP36	EP37	EP38	EP39	EP40	EP41R	EP42	EP43	EP44
Violaceae	*Afrohybanthus aurantiacus*		+			+		+									+				
Violaceae	*Afrohybanthus ?aurantiacus*																				
Violaceae	?*Afrohybanthus* sp.																				
Zygophyllaceae	*Tribulus hirsutus*	+			+					+						+			+		
Zygophyllaceae	*Tribulus occidentalis*																				
Zygophyllaceae	*Tribulus platypterus*	+		+			+		+		+				+	+					
Zygophyllaceae	*Tribulus ?platypterus*																				
Zygophyllaceae	*Tribulus suberosus*																				

Sites EP45-EP66

Family	Taxa	EP45	EP46	EP47	EP48	EP49	EP50	EP51	EP52	EP53	EP54	EP55	EP56	EP58	EP59	EP61	EP62	EP63	EP64	EP65	EP66
Acanthaceae	*Rostellularia adscendens* var. *clementii*																				
Aizoaceae	*Trianthema pilosum*																				
Aizoaceae	* *Trianthema portulacastrum*																				
Aizoaceae	*Trianthema triquetrum*	+																			
Aizoaceae	*Trianthema turgidifolium*																				
Aizoaceae	*Zaleya galericulata* subsp. *galericulata*																				
Amaranthaceae	*Achyranthes aspera*																				
Amaranthaceae	* *Aerva javanica*				+			+										+	+		
Amaranthaceae	*Alternanthera denticulata*																				
Amaranthaceae	*Alternanthera denticulata* var. *denticulata*																				
Amaranthaceae	*Alternanthera nana*																				
Amaranthaceae	*Amaranthus cuspidifolius*																				
Amaranthaceae	*Amaranthus undulatus*					+						+	+	+							
Amaranthaceae	*Gomphrena canescens*																				
Amaranthaceae	*Gomphrena cunninghamii*			+		+	+				+	+	+	+							
Amaranthaceae	*Gomphrena kanisii*																				
Amaranthaceae	*Gomphrena lanata*																				
Amaranthaceae	*Gomphrena leptoclada* subsp. *leptoclada*																				
Amaranthaceae	*Ptilotus astrolasius*						+														
Amaranthaceae	*Ptilotus auriculifolius*		+	+	+	+	+	+	+	+			+	+			+	+		+	
Amaranthaceae	*Ptilotus axillaris*																				
Amaranthaceae	*Ptilotus calostachyus*		+			+							+	+							
Amaranthaceae	*Ptilotus clementii*																				
Amaranthaceae	*Ptilotus exaltatus*			+													+	+			
Amaranthaceae	*Ptilotus fusiformis*											+									
Amaranthaceae	*Ptilotus gomphrenoides*																				
Amaranthaceae	*Ptilotus incanus*																				
Amaranthaceae	*Ptilotus mollis* **(P4)**																				
Amaranthaceae	*Ptilotus obovatus*																				
Amaranthaceae	*Ptilotus* sp.																				
Amaranthaceae	? *Ptilotus* sp.																				
Apocynaceae	* *Calotropis procera*																				
Apocynaceae	*Carissa lanceolata*																				
Apocynaceae	*Cynanchum floribundum*																				
Apocynaceae	*Cynanchum viminale* subsp. *australe*																				
Apocynaceae	*Gymnanthera cunninghamii* **(P3)**																				
Apocynaceae	*Gymnema erectum*																				
Apocynaceae	*Vincetoxicum flexuosum*																				
Araliaceae	*Trachymene oleracea*																				

Family	Taxa	EP45	EP46	EP47	EP48	EP49	EP50	EP51	EP52	EP53	EP54	EP55	EP56	EP58	EP59	EP61	EP62	EP63	EP64	EP65	EP66
Araliaceae	*Trachymene oleracea* subsp. *oleracea*					+		+					+								
Araliaceae	*Trachymene pilbarensis*																				
Asteraceae	*Blumea tenella*																				
Asteraceae	*Centipeda minima* subsp. *macrocephala*																				
Asteraceae	*Chrysocephalum apiculatum* subsp. *pilbarense*																				
Asteraceae	*Chrysocephalum* sp.																				
Asteraceae	**Flaveria trinervia*																				
Asteraceae	*Olearia fluvialis*																				
Asteraceae	*Pentalepis trichodesmoides* subsp. *trichodesmoides*			+			+					+	+								
Asteraceae	*Pluchea dentex*																				
Asteraceae	*Pluchea ferdinandi-muelleri*	+														+					+
Asteraceae	*Pluchea rubelliflora*																				
Asteraceae	*?Pluchea rubelliflora*																				
Asteraceae	*Pluchea tetranthera*																				+
Asteraceae	*Pterocaulon serrulatum* var. *velutinum*																				
Asteraceae	*Pterocaulon sphacelatum*																				
Asteraceae	**Sonchus oleraceus*																				
Asteraceae	*Streptoglossa ?bubakii*																				
Asteraceae	*Streptoglossa decurrens*			+																	
Asteraceae	*Streptoglossa ?decurrens*																				
Asteraceae	*Vittadinia dissecta* var. *hirta*																				
Bixaceae	*Cochlospermum macnamarae* **(P1)**																				
Boraginaceae	*Ehretia saligna* var. *saligna*																				
Boraginaceae	*Euploca chrysocarpa*																				
Boraginaceae	*Euploca ?chrysocarpa*																				
Boraginaceae	*Euploca conocarpa*																				
Boraginaceae	*Euploca cunninghamii*		+	+		+	+		+				+	+		+					
Boraginaceae	*Euploca ?cunninghamii*																				
Boraginaceae	*Euploca heterantha*						+													+	
Boraginaceae	*Euploca pachyphylla*																				
Boraginaceae	*Euploca ?pachyphylla*																				
Boraginaceae	*Euploca skeleton*																				
Boraginaceae	*Euploca tanythrix*																				
Boraginaceae	*Euploca tenuifolia*																				
Boraginaceae	*Heliotropium crispatum*	+		+	+							+	+	+							
Boraginaceae	*Heliotropium murinum* **(P3)**																			+	
Boraginaceae	*Heliotropium ?murinum* **(P3)**																				
Boraginaceae	*Heliotropium* sp. 1																				
Boraginaceae	*Heliotropium* sp. 2																				

Family	Taxa	EP45	EP46	EP47	EP48	EP49	EP50	EP51	EP52	EP53	EP54	EP55	EP56	EP58	EP59	EP61	EP62	EP63	EP64	EP65	EP66
Boraginaceae	*Trichodesma zeylanicum*			+				+		+		+	+	+							
Boraginaceae	*Trichodesma zeylanicum* var. *zeylanicum*																				
Brassicaceae	*Lepidium pedicellosum*																				
Byblidaceae	*Byblis pilbarana*																				
Campanulaceae	*Wahlenbergia tumidifructa*																				
Capparaceae	*Capparis spinosa* subsp. *nummularia*																				
Caryophyllaceae	*Polycarpaea corymbosa* var. *corymbosa*			+								+								+	
Caryophyllaceae	*Polycarpaea holtzei*			+								+								+	
Caryophyllaceae	*Polycarpaea longiflora*							+													+
Celastraceae	*Stackhousia intermedia*															+					
Celastraceae	*Stackhousia ? intermedia*																				
Celastraceae	*Stackhousia muricata*																				
Chenopodiaceae	*Dysphania kalpari*						+														
Chenopodiaceae	*Dysphania plantaginella*																				
Chenopodiaceae	*Dysphania rhadinostachya*																				
Chenopodiaceae	*Dysphania rhadinostachya* subsp. *inflata*																		+		
Chenopodiaceae	*Dysphania rhadinostachya* subsp. *rhadinostachya*																				
Chenopodiaceae	*Dysphania* sp.																				
Chenopodiaceae	? *Dysphania* sp.																				
Chenopodiaceae	*Dysphania sphaerosperma*																				
Chenopodiaceae	*Sclerolaena costata*																				
Chenopodiaceae	*Sclerolaena densiflora*																				
Chenopodiaceae	*Sclerolaena hostilis*																				
Cleomaceae	*Arivela viscosa*		+	+	+	+	+	+	+		+	+	+	+				+		+	
Combretaceae	*Terminalia circumalata*																				
Combretaceae	*Terminalia* sp.																				
Combretaceae	? *Terminalia* sp. 1																				
Combretaceae	? *Terminalia* sp. 2																				
Combretaceae	? *Terminalia* sp. 3																				
Combretaceae	? *Terminalia* sp. 4																				
Commelinaceae	*Commelina ensifolia*																				
Convolvulaceae	*Bonamia alatisemina*																				
Convolvulaceae	*Bonamia ? alatisemina*																				
Convolvulaceae	*Bonamia erecta*				+	+			+											+	+
Convolvulaceae	*Bonamia linearis*																			+	
Convolvulaceae	*Bonamia media*																				
Convolvulaceae	*Bonamia ? media*																				
Convolvulaceae	*Bonamia pannosa*																				
Convolvulaceae	*Bonamia pilbarensis*		+					+					+	+						+	
Convolvulaceae	*Bonamia ? pilbarensis*																				

Family	Taxa	EP45	EP46	EP47	EP48	EP49	EP50	EP51	EP52	EP53	EP54	EP55	EP56	EP58	EP59	EP61	EP62	EP63	EP64	EP65	EP66
Convolvulaceae	*Bonamia* sp. 1																				
Convolvulaceae	*Bonamia* sp. 2																				
Convolvulaceae	*Evolvulus alsinoides*																				
Convolvulaceae	*Evolvulus alsinoides* var. *villosicalyx*											+									
Convolvulaceae	*Ipomoea coptica*																				
Convolvulaceae	*Ipomoea lonchophylla*																				
Convolvulaceae	*Ipomoea muelleri*																				
Convolvulaceae	*Ipomoea polymorpha*																				
Convolvulaceae	*Operculina aequisepala*																				
Convolvulaceae	*Polymeria ambigua*					+															
Convolvulaceae	*Polymeria calycina*							+													
Convolvulaceae	*Polymeria lanata*			+																	
Convolvulaceae	*Polymeria mollis*																				
Convolvulaceae	*Polymeria ? mollis*																				
Cucurbitaceae	*Austrobryonia pilbarensis*																				
Cucurbitaceae	**Citrullus colocynthis*																				
Cucurbitaceae	*Cucumis melo*																				
Cucurbitaceae	**Cucumis myriocarpus* subsp. *myriocarpus*																				
Cucurbitaceae	*Cucumis* sp. Chichester Range (A.A. Mitchell et al. AAM 10691)										+										
Cucurbitaceae	*Cucumis variabilis*			+				+		+		+	+					+		+	+
Cucurbitaceae	*Trichosanthes cucumerina* var. *cucumerina*																				
Cyperaceae	*Bulbostylis barbata*			+		+						+							+	+	
Cyperaceae	*Bulbostylis burbidgeae* **(P4)**																				
Cyperaceae	*Bulbostylis turbinata*																				
Cyperaceae	*Cyperus bifax*																				
Cyperaceae	*Cyperus bulbosus*																				
Cyperaceae	*Cyperus cunninghamii* subsp. *cunninghamii*																				
Cyperaceae	*Cyperus dactylotes*																				
Cyperaceae	*Cyperus difformis*																				
Cyperaceae	*Cyperus hesperius*																				
Cyperaceae	*Cyperus ixiocarpus*																				
Cyperaceae	*Cyperus microcephalus* subsp. *microcephalus*																				
Cyperaceae	*Cyperus* sp. 1																				
Cyperaceae	*Cyperus* sp. 2																				
Cyperaceae	*Cyperus squarrosus*																				
Cyperaceae	*Cyperus vaginatus*				+			+													
Cyperaceae	*Fimbristylis dichotoma*									+											+
Cyperaceae	*Fimbristylis elegans*																				
Cyperaceae	*Fimbristylis simulans*																				
Cyperaceae	*Fimbristylis* sp.																				

Family	Taxa	EP45	EP46	EP47	EP48	EP49	EP50	EP51	EP52	EP53	EP54	EP55	EP56	EP58	EP59	EP61	EP62	EP63	EP64	EP65	EP66
Cyperaceae	*Fuirena ciliaris*																				
Elatinaceae	*Bergia pedicellaris*																				
Euphorbiaceae	*Adriana tomentosa*																				
Euphorbiaceae	*Adriana tomentosa* var. *tomentosa*																				
Euphorbiaceae	*Adriana tomentosa* ?var. *tomentosa*																				
Euphorbiaceae	*Euphorbia ? australis*																				
Euphorbiaceae	*Euphorbia australis* var. *subtomentosa*						+	+				+							+	+	+
Euphorbiaceae	*Euphorbia biconvexa*																				
Euphorbiaceae	*Euphorbia boophthona*																				
Euphorbiaceae	*Euphorbia careyi*									+			+								
Euphorbiaceae	*Euphorbia coghlanii*				+		+	+													
Euphorbiaceae	*Euphorbia inappendiculata* var. *inappendiculata* **(P3)**																				
Euphorbiaceae	*Euphorbia* sp. 1																				
Euphorbiaceae	*Euphorbia* sp. 2																				
Euphorbiaceae	*Euphorbia tannensis* subsp. *eremophila*			+		+				+		+									
Euphorbiaceae	*Euphorbia ? tannensis* subsp. *eremophila*										+										
Euphorbiaceae	*Euphorbia trigonosperma*																				
Euphorbiaceae	*Mallotus nesophilus*																				
Fabaceae	*Acacia acradenia*					+	+		+		+										
Fabaceae	*Acacia adoxa* var. *adoxa*																				
Fabaceae	*Acacia adsurgens*																				
Fabaceae	*Acacia ampliceps*							+													
Fabaceae	*Acacia ampliceps x sclerosperma* subsp. *sclerosperma*																				
Fabaceae	*Acacia ancistrocarpa*																				+
Fabaceae	*Acacia aptaneura*																				
Fabaceae	*Acacia arida*																				
Fabaceae	*Acacia bivenosa*	+														+	+				
Fabaceae	*Acacia ? bivenosa*																				
Fabaceae	*Acacia colei*																				
Fabaceae	*Acacia colei* var. *colei*																				
Fabaceae	*Acacia colei* ?var. *colei*																				
Fabaceae	*Acacia coriacea* subsp. *pendens*																				
Fabaceae	*Acacia elachantha*																				
Fabaceae	*Acacia eriopoda*																				
Fabaceae	*Acacia eriopoda x trachycarpa*																				
Fabaceae	*Acacia hilliana*																				
Fabaceae	*Acacia holosericea*																				
Fabaceae	*Acacia inaequilatera*		+	+		+	+		+	+		+	+	+					+	+	
Fabaceae	*Acacia levata* **(P3)**																				

Family	Taxa	EP45	EP46	EP47	EP48	EP49	EP50	EP51	EP52	EP53	EP54	EP55	EP56	EP58	EP59	EP61	EP62	EP63	EP64	EP65	EP66
Fabaceae	*Acacia maitlandii*																				
Fabaceae	*Acacia monticola*																				
Fabaceae	*Acacia orthocarpa*					+				+											
Fabaceae	*Acacia pruinocarpa*																				
Fabaceae	*Acacia ptychophylla*																				
Fabaceae	*Acacia pyrifolia*									+		+				+					
Fabaceae	*Acacia pyrifolia* var. *morrisonii*																				
Fabaceae	*Acacia pyrifolia* var. *pyrifolia*							+			+										
Fabaceae	*Acacia retivenea* subsp. *clandestina*																				
Fabaceae	*Acacia sericophylla*							+													
Fabaceae	*Acacia sibirica*																				
Fabaceae	*Acacia* sp. 1																				
Fabaceae	*Acacia* sp. 2																				
Fabaceae	*Acacia* sp. 3																				
Fabaceae	*Acacia* sp. 4																				
Fabaceae	*Acacia* sp. 5																				
Fabaceae	*Acacia* sp. 6																				
Fabaceae	*Acacia* sp. 7																				
Fabaceae	*Acacia* sp. 8																				
Fabaceae	*Acacia* sp. 9																				
Fabaceae	*Acacia sphaerostachya*																				
Fabaceae	*Acacia spondylophylla*																				
Fabaceae	*Acacia stellaticeps*	+																			+
Fabaceae	*Acacia synchronicia*		+																		
Fabaceae	*Acacia trachycarpa*							+													
Fabaceae	*Acacia trachycarpa x tumida* var. *pilbarensis*																				
Fabaceae	*Acacia tumida* var. *pilbarensis*																				
Fabaceae	*Acacia victoriae* subsp. *victoriae*																				
Fabaceae	*Alysicarpus muelleri*				+					+		+									
Fabaceae	*Cajanus cinereus*																				
Fabaceae	*Cajanus* ? *cinereus*																				
Fabaceae	*Cajanus pubescens*																	+			
Fabaceae	*Cajanus* sp. 1																				
Fabaceae	*Cajanus* sp. 2																				
Fabaceae	*Cajanus* sp. 3																				
Fabaceae	*Crotalaria cunninghamii* subsp. *sturtii*			+																	
Fabaceae	*Crotalaria* ? *cunninghamii* subsp. *sturtii*																				
Fabaceae	*Crotalaria medicaginea* var. *neglecta*			+			+			+		+									
Fabaceae	*Crotalaria novae-hollandiae* subsp. *novae-hollandiae*																				
Fabaceae	*Cullen lachnostachys*																				

Family	Taxa	EP45	EP46	EP47	EP48	EP49	EP50	EP51	EP52	EP53	EP54	EP55	EP56	EP58	EP59	EP61	EP62	EP63	EP64	EP65	EP66
Fabaceae	*Cullen leucanthum*																				
Fabaceae	*Cullen leucochaites*									+		+									
Fabaceae	*Cullen martinii*																				
Fabaceae	*Cullen pallidum*																				
Fabaceae	*Cullen pogonocarpum*																				
Fabaceae	*Cullen pustulatum*																				
Fabaceae	*Cullen* ?*pustulatum*																				
Fabaceae	*Cullen* sp. 1																				
Fabaceae	*Cullen* sp. 2																				
Fabaceae	*Cullen stipulaceum*																				
Fabaceae	*Dichrostachys spicata*																				
Fabaceae	*Erythrina vespertilio*																				
Fabaceae	*Glycine canescens*																				
Fabaceae	*Grona filiformis*																				
Fabaceae	*Indigastrum parviflorum*																				
Fabaceae	*Indigofera colutea*																				+
Fabaceae	*Indigofera deserticola*																				
Fabaceae	*Indigofera hirsuta*																				
Fabaceae	*Indigofera linifolia*																		+		
Fabaceae	*Indigofera linnaei*																				
Fabaceae	*Indigofera monophylla*		+	+	+		+		+	+				+		+		+		+	+
Fabaceae	*Indigofera rugosa*			+								+									
Fabaceae	**Indigofera sessiliflora*																				
Fabaceae	*Indigofera* sp. 1																				
Fabaceae	*Indigofera* sp. 2																				
Fabaceae	*Indigofera* sp. 3																				
Fabaceae	*Indigofera trita*																				
Fabaceae	*Indigofera trita* subsp. *trita*							+			+										
Fabaceae	*Indigofera trita* ?subsp. *trita*																				
Fabaceae	*Isotropis atropurpurea*																				
Fabaceae	*Neptunia* sp.																				
Fabaceae	*Petalostylis labicheoides*				+																
Fabaceae	*Rhynchosia australis*																				
Fabaceae	*Rhynchosia minima*			+	+		+	+		+	+	+								+	+
Fabaceae	*Rhynchosia* sp. 1																				
Fabaceae	*Rhynchosia* sp. 2																				
Fabaceae	*Rhynchosia* sp. 3																				
Fabaceae	*Rhynchosia* sp. 4																				
Fabaceae	*Rhynchosia* sp. 5																				
Fabaceae	*Rhynchosia* sp. 6																				
Fabaceae	*Senna artemisioides* subsp. *helmsii*																				

Family	Taxa	EP45	EP46	EP47	EP48	EP49	EP50	EP51	EP52	EP53	EP54	EP55	EP56	EP58	EP59	EP61	EP62	EP63	EP64	EP65	EP66
Fabaceae	*Senna artemisioides* subsp. *helmsii x oligophylla*																				
Fabaceae	*Senna artemisioides* subsp. *oligophylla*				+					+							+		+	+	
Fabaceae	*Senna ferraria*																				
Fabaceae	*Senna glaucifolia*																				
Fabaceae	*Senna glutinosa*																				
Fabaceae	*Senna ? glutinosa*																				
Fabaceae	*Senna glutinosa* subsp. *glutinosa*			+		+		+		+	+		+								
Fabaceae	*Senna glutinosa* subsp. *pruinosa*						+														
Fabaceae	*Senna glutinosa* subsp. *x luerssenii*																				
Fabaceae	*Senna notabilis*				+	+	+	+													+
Fabaceae	*Senna symonii*															+	+	+	+		
Fabaceae	*Senna venusta*																				
Fabaceae	*Sesbania cannabina*																				
Fabaceae	*Sesbania formosa*																				
Fabaceae	*Swainsona decurrens*									+											
Fabaceae	*Swainsona formosa*																				
Fabaceae	*Swainsona ? formosa*																				
Fabaceae	*Swainsona* sp. 1																				
Fabaceae	*Swainsona* sp. 2																				
Fabaceae	*Swainsona stenodonta*																				
Fabaceae	*Templetonia hookeri*																				
Fabaceae	*Tephrosia clementii*																				
Fabaceae	*Tephrosia densa*						+														
Fabaceae	*Tephrosia leptoclada*																				
Fabaceae	*Tephrosia rosea*																				
Fabaceae	*Tephrosia rosea* var. *clementii*							+			+										
Fabaceae	*Tephrosia rosea* ?var. *clementii*																				
Fabaceae	? *Tephrosia* sp.																				
Fabaceae	*Tephrosia* sp. 1																				
Fabaceae	*Tephrosia* sp. 2																				
Fabaceae	*Tephrosia* sp. B Kimberley Flora (C.A. Gardner 7300)																				
Fabaceae	*Tephrosia* sp. Bungaroo Creek (M.E. Trudgen 11601)						+														
Fabaceae	*Tephrosia* sp. clay soils (S. van Leeuwen et al. PBS 0273)																				
Fabaceae	*Tephrosia* sp. D Kimberley Flora (R.D. Royce 1848)																				
Fabaceae	*Tephrosia* sp. Newman (A.A. Mitchell PRP 29)																				

Family	Taxa	EP45	EP46	EP47	EP48	EP49	EP50	EP51	EP52	EP53	EP54	EP55	EP56	EP58	EP59	EP61	EP62	EP63	EP64	EP65	EP66
Fabaceae	*Tephrosia* sp. *NW Eremaean (S. van Leeuwen et al. PBS 0356)*																			+	
Fabaceae	*Tephrosia supina*																				
Fabaceae	*Tephrosia* ? *supina*																				
Fabaceae	*Tephrosia virens*																				
Fabaceae	*Tephrosia* ? *virens*																				
Fabaceae	* *Vachellia farnesiana* var. *farnesiana*																				
Fabaceae	*Vigna lanceolata* var. *lanceolata*																				
Fabaceae	*Vigna* sp. Hamersley Clay (A.A. Mitchell PRP 113)			+								+									
Fabaceae	*Zornia albiflora*																				
Goodeniaceae	*Dampiera candicans*					+															
Goodeniaceae	*Dampiera* sp.																				
Goodeniaceae	*Goodenia armitiana*																				
Goodeniaceae	*Goodenia cusackiana*																				
Goodeniaceae	*Goodenia* ? *cusackiana*																				
Goodeniaceae	*Goodenia lamprosperma*																				
Goodeniaceae	*Goodenia microptera*			+																+	+
Goodeniaceae	*Goodenia muelleriana*		+	+	+	+	+						+				+				
Goodeniaceae	*Goodenia* ? *muelleriana*																				
Goodeniaceae	*Goodenia nuda*																				
Goodeniaceae	*Goodenia scaevolina*																				
Goodeniaceae	*Goodenia* sp. 1																				
Goodeniaceae	*Goodenia* sp. 2																				
Goodeniaceae	*Goodenia stobbsiana*									+	+			+							
Goodeniaceae	*Goodeniaceae* sp.																				
Goodeniaceae	*Scaevola amblyanthera* var. *centralis*									+											
Goodeniaceae	*Scaevola* ? *amblyanthera* var. *centralis*																				
Goodeniaceae	*Scaevola browniana* subsp. *browniana*																				
Goodeniaceae	*Scaevola parvifolia*																				
Goodeniaceae	*Scaevola* sp.																				
Gyrostemonaceae	*Codonocarpus cotinifolius*																				
Haloragaceae	*Gonocarpus ephemerus*																				
Haloragaceae	*Haloragis* ? *gossei*																				
Haloragaceae	*Haloragis gossei* var. *gossei*																				
Haloragaceae	*Haloragis gossei* ? var. *gossei*																				
Haloragaceae	*Haloragis* sp. 1																				
Haloragaceae	*Haloragis* sp. 2																				
Lamiaceae	*Basilicum polystachyon*																				
Lamiaceae	*Clerodendrum floribundum* var. *angustifolium*																				

Family	Taxa	EP45	EP46	EP47	EP48	EP49	EP50	EP51	EP52	EP53	EP54	EP55	EP56	EP58	EP59	EP61	EP62	EP63	EP64	EP65	EP66
Lamiaceae	*Clerodendrum floribundum* var. ?*angustifolium*																				
Lamiaceae	*Clerodendrum tomentosum* var. *lanceolatum*																				
Lamiaceae	*Clerodendrum tomentosum* var. *tomentosum*																				
Lamiaceae	*Quoya zonalis* **(T)**																				
Lauraceae	*Cassytha capillaris*																				
Lauraceae	*Cassytha filiformis*																				+
Lauraceae	*Cassytha* sp. 1																				
Lauraceae	*Cassytha* sp. 2																				
Lauraceae	*Cassytha* sp. 3																				
Loganiaceae	*Mitrasacme connata*																				
Loranthaceae	*Lysiana casuarinae*																				
Lythraceae	*Ammannia baccifera*																				
Lythraceae	*Ammannia multiflora*																				
Lythraceae	*Ammannia* sp. 1																				
Lythraceae	*Ammannia* sp. 2																				
Lythraceae	*Ammannia* sp. 3																				
Lythraceae	*Ammannia* sp. 4																				
Malvaceae	*Abutilon fraseri* subsp. *fraseri*																				
Malvaceae	*Abutilon lepidum*																				
Malvaceae	*Abutilon* ?*leucopetalum*																				
Malvaceae	*Abutilon macrum*																				
Malvaceae	*Abutilon* sp. 1																				
Malvaceae	*Abutilon* sp. 2																				
Malvaceae	*Abutilon* sp. 3																				
Malvaceae	*Abutilon* sp. Dioicum (A.A. Mitchell PRP 1618)																				
Malvaceae	*Abutilon* sp. Pilbara (W.R. Barker 2025)																				
Malvaceae	*Brachychiton acuminatus*																				
Malvaceae	*Corchorus incanus*																				
Malvaceae	*Corchorus* ?*incanus*																				
Malvaceae	*Corchorus incanus* subsp. *incanus*		+			+	+	+	+	+	+	+		+	+		+	+	+		
Malvaceae	*Corchorus* ?*incanus* subsp. *incanus*			+									+								
Malvaceae	*Corchorus laniflorus*																				
Malvaceae	*Corchorus lasiocarpus* subsp. *lasiocarpus*																				
Malvaceae	*Corchorus parviflorus*																			+	
Malvaceae	*Corchorus* ?*parviflorus*																				
Malvaceae	*Corchorus* sp. 1																				
Malvaceae	*Corchorus* sp. 2																				
Malvaceae	*Corchorus tridens*																				

Family	Taxa	EP45	EP46	EP47	EP48	EP49	EP50	EP51	EP52	EP53	EP54	EP55	EP56	EP58	EP59	EP61	EP62	EP63	EP64	EP65	EP66
Malvaceae	*Corchorus trilocularis*																				
Malvaceae	*Corchorus walcottii*																				+
Malvaceae	*Gossypium australe*									+	+	+									
Malvaceae	*Gossypium robinsonii*																				
Malvaceae	*Hibiscus austrinus* var. *austrinus*																				
Malvaceae	*Hibiscus brachychlaenus*																				
Malvaceae	*Hibiscus burtonii*																				
Malvaceae	*Hibiscus coatesii*									+			+								
Malvaceae	*Hibiscus goldsworthii*																				
Malvaceae	*Hibiscus leptocladus*																				
Malvaceae	*Hibiscus sturtii*																				
Malvaceae	*Hibiscus ? sturtii*																				
Malvaceae	*? Hibiscus sturtii*							+													
Malvaceae	*Hibiscus sturtii* var. *campylochlamys*																		+		+
Malvaceae	*Hibiscus sturtii* var. *platychlamys*																				
Malvaceae	MALVACEAE sp. 1																				
Malvaceae	MALVACEAE sp. 2																				
Malvaceae	MALVACEAE sp. 3																				
Malvaceae	**Malvastrum americanum*																				
Malvaceae	*Melhania oblongifolia*																				
Malvaceae	*Seringia nephrosperma*																				
Malvaceae	*Sida arenicola*																				
Malvaceae	*Sida arsiniata*																				
Malvaceae	*Sida cardiophylla*																			+	
Malvaceae	*Sida clementii*																		+		+
Malvaceae	*Sida echinocarpa*																				
Malvaceae	*Sida ? echinocarpa*																				
Malvaceae	*Sida fibulifera*																				
Malvaceae	*Sida ? fibulifera*																				
Malvaceae	*Sida macropoda*																				
Malvaceae	*Sida ? macropoda*																				
Malvaceae	*Sida platycalyx*																				
Malvaceae	*Sida rohlenae* subsp. *rohlenae*																				
Malvaceae	*Sida* sp. 1																				
Malvaceae	*Sida* sp. 2																				
Malvaceae	*Sida* sp. 3																				
Malvaceae	*Sida* sp. articulation below (A.A. Mitchell PRP 1605)																				
Malvaceae	*Sida* sp. Excedentifolia (J.L. Egan 1925)																				
Malvaceae	*Sida* sp. Pilbara (A.A. Mitchell PRP 1543)						+														+

Family	Taxa	EP45	EP46	EP47	EP48	EP49	EP50	EP51	EP52	EP53	EP54	EP55	EP56	EP58	EP59	EP61	EP62	EP63	EP64	EP65	EP66
Malvaceae	*Sida* sp. spiciform panicles (E. Leyland s.n. 14/8/90)																				
Malvaceae	*Sida spinosa*																				
Malvaceae	*Triumfetta appendiculata*				+						+										
Malvaceae	*Triumfetta* ? *appendiculata*																				
Malvaceae	*Triumfetta chaetocarpa*			+						+		+		+							+
Malvaceae	*Triumfetta clementii*			+		+	+						+								
Malvaceae	*Triumfetta johnstonii*																				
Malvaceae	*Triumfetta leptacantha*																				
Malvaceae	*Triumfetta maconochieana*																				
Malvaceae	*Triumfetta propinqua*																				
Malvaceae	*Triumfetta ramosa*																				
Malvaceae	*Triumfetta* sp. 1																				
Malvaceae	*Triumfetta* sp. 2																				
Malvaceae	*Waltheria indica*																				
Malvaceae	*Waltheria virgata*																				
Marsileaceae	*Marsilea exarata*																				
Marsileaceae	*Marsilea hirsuta*																				
Marsileaceae	*Marsilea* sp. 1																				
Marsileaceae	*Marsilea* sp. 2																				
Menispermaceae	*Tinospora smilacina*																				
Molluginaceae	*Hypertelis cerviana*																				
Molluginaceae	*Trigastrotheca molluginea*			+										+				+		+	+
Montiaceae	*Calandrinia ptychosperma*																				
Montiaceae	*Calandrinia* ? *pumila*																				
Montiaceae	*Calandrinia* ? *stagnensis*																				
Montiaceae	*Calandrinia tepperiana*																				
Moraceae	*Ficus aculeata* var. *indecora*																				
Moraceae	*Ficus brachypoda*																				
Myrtaceae	*Corymbia candida* subsp. *candida*																				
Myrtaceae	*Corymbia* ? *candida* subsp. *candida*																				
Myrtaceae	*Corymbia flavescens*																				
Myrtaceae	*Corymbia hamersleyana*	+			+			+		+	+					+	+				
Myrtaceae	*Corymbia* ? *hamersleyana*																				
Myrtaceae	? *Corymbia hamersleyana*																				
Myrtaceae	? *Corymbia* sp.																				
Myrtaceae	*Corymbia* sp. 1																				
Myrtaceae	*Corymbia* sp. 2																				
Myrtaceae	*Corymbia* sp. 3																				
Myrtaceae	*Eucalyptus camaldulensis*																				
Myrtaceae	*Eucalyptus* ? *camaldulensis*																				

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Myrtaceae	*Eucalyptus camaldulensis* subsp. *refulgens*				+																
Myrtaceae	*Eucalyptus camaldulensis* ?subsp. *refulgens*																				
Myrtaceae	*Eucalyptus leucophloia*																				
Myrtaceae	*Eucalyptus leucophloia* subsp. *leucophloia*																				
Myrtaceae	*Eucalyptus* ? *leucophloia* subsp. *leucophloia*																				
Myrtaceae	*Eucalyptus* sp. 1																				
Myrtaceae	*Eucalyptus* sp. 2																				
Myrtaceae	*Eucalyptus victrix*							+			+										
Myrtaceae	*Melaleuca argentea*																				
Myrtaceae	*Melaleuca bracteata*																				
Myrtaceae	*Melaleuca glomerata*																				
Myrtaceae	*Melaleuca* ? *glomerata*																				
Myrtaceae	*Melaleuca linophylla*							+													
Myrtaceae	*Melaleuca* ? *linophylla*																				
Nyctaginaceae	*Boerhavia burbidgeana*																				
Nyctaginaceae	*Boerhavia coccinea*																				
Nyctaginaceae	*Boerhavia* ? *coccinea*																				
Nyctaginaceae	*Boerhavia gardneri*		+	+	+	+	+	+	+		+	+		+			+	+		+	
Nyctaginaceae	*Boerhavia* sp.																				
Oleaceae	*Jasminum didymum* subsp. *lineare*																				
Onagraceae	*Ludwigia perennis*																				
Papaveraceae	**Argemone ochroleuca* subsp. *ochroleuca*																				
Pedaliaceae	*Josephinia eugeniae*																				
Pedaliaceae	*Josephinia* sp. Mt Edgar Station (N.T. Burbidge 1194)																				
Phyllanthaceae	*Cathetus* sp.																				
Phyllanthaceae	*Cathetus virgatus*																				
Phyllanthaceae	*Flueggea virosa* subsp. *melanthesoides*																				
Phyllanthaceae	*Kirganelia baccata*										+										
Phyllanthaceae	*Nellica maderaspatensis*										+										
Phyllanthaceae	*Notoleptopus decaisnei*							+													
Phyllanthaceae	*Phyllanthus hebecarpus* **(P3)**																				
Pittosporaceae	*Pittosporum angustifolium*																				
Plantaginaceae	*Stemodia grossa*	+								+	+										
Plantaginaceae	*Stemodia kingii*																				
Plantaginaceae	*Stemodia viscosa*																				
Poaceae	*Aristida burbidgeae*																				
Poaceae	*Aristida contorta*						+														+
Poaceae	?*Aristida contorta*																				
Poaceae	*Aristida holathera* var. *holathera*			+		+															+
Poaceae	*Aristida inaequiglumis*																				

Family	Taxa	EP45	EP46	EP47	EP48	EP49	EP50	EP51	EP52	EP53	EP54	EP55	EP56	EP58	EP59	EP61	EP62	EP63	EP64	EP65	EP66
Poaceae	*Cenchrus ciliaris				+			+										+		+	
Poaceae	*Cenchrus setiger																				
Poaceae	*Cenchrus* sp.																				
Poaceae	*Chloris barbata																				
Poaceae	*Chloris pumilio*																				
Poaceae	*Chloris virgata																				
Poaceae	*Chrysopogon fallax*				+		+														
Poaceae	*Cymbopogon ambiguus*			+	+			+		+	+	+	+	+							
Poaceae	*Cymbopogon obtectus*																				
Poaceae	*Cymbopogon procerus*																				
Poaceae	*Cynodon convergens*																				
Poaceae	*Cynodon dactylon*																				
Poaceae	*Cynodon prostratus*																				
Poaceae	*Dactyloctenium radulans*	+																			
Poaceae	*Dichanthium fecundum*																				
Poaceae	*Dichanthium sericeum* subsp. *humilius*																				
Poaceae	*Digitaria brownii*																				
Poaceae	*Digitaria ctenantha*																				
Poaceae	*Diplachne fusca* subsp. *fusca*																				
Poaceae	*Echinochloa colona																				
Poaceae	*Enneapogon caerulescens*			+																	
Poaceae	*Enneapogon ? caerulescens*																				
Poaceae	*Enneapogon lindleyanus*													+							
Poaceae	*Enneapogon polyphyllus*																				
Poaceae	*Enneapogon* sp.																				
Poaceae	*Eragrostis crateriformis* **(P3)**																				
Poaceae	*Eragrostis cumingii*																				
Poaceae	*Eragrostis desertorum*																		+		+
Poaceae	*Eragrostis dielsii*																				
Poaceae	*Eragrostis eriopoda*																				+
Poaceae	*Eragrostis exigua*																				
Poaceae	*Eragrostis minor*																				
Poaceae	*Eragrostis olida*																				
Poaceae	*Eragrostis* sp. 1																				
Poaceae	*Eragrostis* sp. 2																				
Poaceae	*Eragrostis tenellula*																				
Poaceae	*Eragrostis ? tenellula*																				
Poaceae	*Eriachne aristidea*																				
Poaceae	*Eriachne benthamii*																				
Poaceae	*Eriachne ciliata*																				
Poaceae	*Eriachne flaccida*																				

Family	Taxa	EP45	EP46	EP47	EP48	EP49	EP50	EP51	EP52	EP53	EP54	EP55	EP56	EP58	EP59	EP61	EP62	EP63	EP64	EP65	EP66
Poaceae	*Eriachne helmsii*																				
Poaceae	*Eriachne melicacea*																				
Poaceae	*Eriachne mucronata*			+										+			+				
Poaceae	*Eriachne obtusa*																				
Poaceae	*Eriachne pulchella*																				
Poaceae	*Eriachne pulchella* subsp. *dominii*																				
Poaceae	*Eriachne pulchella* subsp. *pulchella*			+			+	+	+												
Poaceae	*Eriachne* sp. 1																				
Poaceae	*Eriachne* sp. 2																				
Poaceae	*Eriachne* sp. 3																				
Poaceae	*Eriachne* sp. 4																				
Poaceae	*Eriachne* sp. Dugald River (B.K. Simon+ 3007)	+																			
Poaceae	*Eriachne tenuiculmis*				+			+		+	+										
Poaceae	*Eulalia aurea*																				
Poaceae	*Iseilema dolichotrichum*																				
Poaceae	*Iseilema membranaceum*																				
Poaceae	*Panicum australiense*																				
Poaceae	*Panicum australiense* var. *australiense*																				+
Poaceae	*Paraneurachne muelleri*																				+
Poaceae	*Paspalidium basicladum*																				
Poaceae	*Paspalidium clementii*																				
Poaceae	*Paspalidium jubiflorum*																				
Poaceae	*Paspalidium rarum*																				
Poaceae	*Perotis rara*																				
Poaceae	POACEAE sp. 1																				
Poaceae	POACEAE sp. 2																				
Poaceae	POACEAE sp. 3																				
Poaceae	*Schizachyrium fragile*																			+	
Poaceae	**Setaria verticillata*																				
Poaceae	*Sporobolus actinocladus*	+																			
Poaceae	*Sporobolus australasicus*						+													+	
Poaceae	*Sporobolus ramigerus*																				
Poaceae	*Themeda triandra*				+						+										
Poaceae	*Themeda ? triandra*																				
Poaceae	*Triodia angusta*		+													+	+				
Poaceae	*Triodia ? angusta*																				
Poaceae	*Triodia brizoides*			+		+						+	+								
Poaceae	*Triodia ? brizoides*																				
Poaceae	*Triodia epactia*							+			+	+	+	+						+	+
Poaceae	*Triodia ? epactia*																				
Poaceae	*Triodia lanigera*																				

Family	Taxa	EP45	EP46	EP47	EP48	EP49	EP50	EP51	EP52	EP53	EP54	EP55	EP56	EP58	EP59	EP61	EP62	EP63	EP64	EP65	EP66
Poaceae	*Triodia longiceps*	+																			+
Poaceae	*Triodia secunda*																				
Poaceae	*Triodia wiseana*		+	+	+	+	+		+	+		+		+	+	+	+	+	+		
Poaceae	*Triodia ? wiseana*																				
Poaceae	*Tripogonella loliiformis*																				
Poaceae	*Whiteochloa cymbiformis*																				
Polygalaceae	*Polygala glaucifolia*			+						+											
Polygalaceae	*Polygala isingii*																				
Polygalaceae	*Polygala* sp.																				
Portulacaceae	*Portulaca filifolia*																				
Portulacaceae	*Portulaca oleracea*		+				+														
Potamogetonaceae	*Potamogeton tepperi*																				
Proteaceae	*Grevillea pyramidalis* subsp. *leucadendron*									+			+							+	
Proteaceae	*Grevillea wickhamii*																				
Proteaceae	*Grevillea wickhamii* subsp. *aprica*							+	+		+										+
Proteaceae	*Grevillea wickhamii* subsp. *hispidula*					+											+	+			
Proteaceae	*Hakea lorea* subsp. *lorea*							+								+					+
Pteridaceae	*Cheilanthes sieberi* subsp. *Sieberi*									+											
Pteridaceae	*Cheilanthes* sp.																				
Rubiaceae	*Dolichocarpa crouchiana*		+	+		+	+		+			+	+	+			+	+			
Rubiaceae	*Synaptantha tillaeacea* var. *tillaeacea*																				
Sapindaceae	*Atalaya hemiglauca*				+			+					+								
Sapindaceae	*Dodonaea coriacea*																				
Scrophulariaceae	*Eremophila latrobei* subsp. *glabra*																				
Scrophulariaceae	*Eremophila latrobei* ?subsp. *glabra*																				
Scrophulariaceae	*Eremophila latrobei* subsp. *latrobei*																				
Scrophulariaceae	*Eremophila longifolia*																				
Solanaceae	*Nicotiana benthamiana*																				
Solanaceae	*Nicotiana bilybara*																				
Solanaceae	*Nicotiana occidentalis*																				
Solanaceae	**Physalis angulata*																				
Solanaceae	*Solanum ? centrale*																				
Solanaceae	*Solanum cleistogamum*																				
Solanaceae	*Solanum diversiflorum*						+	+		+	+										
Solanaceae	*Solanum gabrielae*																				
Solanaceae	*Solanum horridum*			+			+			+			+								
Solanaceae	*Solanum lasiophyllum*																				
Solanaceae	*Solanum lucani*																				
Solanaceae	**Solanum nigrum*																			+	
Solanaceae	*Solanum phlomoides*											+	+						+	+	
Solanaceae	*Solanum ? phlomoides*																				

Family	Taxa	EP45	EP46	EP47	EP48	EP49	EP50	EP51	EP52	EP53	EP54	EP55	EP56	EP58	EP59	EP61	EP62	EP63	EP64	EP65	EP66
Solanaceae	*Solanum* sp.																				
Stylidiaceae	*Stylidium desertorum*																				
Typhaceae	*Typha domingensis*																				
Violaceae	*Afrohybanthus aurantiacus*				+		+	+		+	+	+		+							
Violaceae	*Afrohybanthus ?aurantiacus*																				
Violaceae	*?Afrohybanthus* sp.																				
Zygophyllaceae	*Tribulus hirsutus*	+	+		+		+					+	+						+		
Zygophyllaceae	*Tribulus occidentalis*																				
Zygophyllaceae	*Tribulus platypterus*						+					+	+					+			
Zygophyllaceae	*Tribulus ?platypterus*																				
Zygophyllaceae	*Tribulus suberosus*																				

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Family	Taxa	EP67	EP70R	EP71	EP79	EP80	EP81	F001	F002	F003	F004	F005	F007	F011	F012	F013	F014	F015	F016	F017	F018
Acanthaceae	*Rostellularia adscendens* var. *clementii*																				
Aizoaceae	*Trianthema pilosum*																				
Aizoaceae	**Trianthema portulacastrum*																				
Aizoaceae	*Trianthema triquetrum*								+												
Aizoaceae	*Trianthema turgidifolium*																				
Aizoaceae	*Zaleya galericulata* subsp. *galericulata*																				
Amaranthaceae	*Achyranthes aspera*																				
Amaranthaceae	**Aerva javanica*	+														+	+				
Amaranthaceae	*Alternanthera denticulata*																				
Amaranthaceae	*Alternanthera denticulata* var. *denticulata*																				
Amaranthaceae	*Alternanthera nana*																				
Amaranthaceae	*Amaranthus cuspidifolius*																				
Amaranthaceae	*Amaranthus undulatus*																				
Amaranthaceae	*Gomphrena canescens*																				
Amaranthaceae	*Gomphrena cunninghamii*	+	+		+										+						
Amaranthaceae	*Gomphrena kanisii*																				
Amaranthaceae	*Gomphrena lanata*																				
Amaranthaceae	*Gomphrena leptoclada* subsp. *leptoclada*																				
Amaranthaceae	*Ptilotus astrolasius*																				
Amaranthaceae	*Ptilotus auriculifolius*	+	+					+													
Amaranthaceae	*Ptilotus axillaris*																				
Amaranthaceae	*Ptilotus calostachyus*							+				+						+			
Amaranthaceae	*Ptilotus clementii*																				
Amaranthaceae	*Ptilotus exaltatus*																				
Amaranthaceae	*Ptilotus fusiformis*																				
Amaranthaceae	*Ptilotus gomphrenoides*																				
Amaranthaceae	*Ptilotus incanus*																				
Amaranthaceae	*Ptilotus mollis* **(P4)**																				
Amaranthaceae	*Ptilotus obovatus*													+							
Amaranthaceae	*Ptilotus* sp.																				
Amaranthaceae	*?Ptilotus* sp.																				
Apocynaceae	**Calotropis procera*															+	+				
Apocynaceae	*Carissa lanceolata*																				
Apocynaceae	*Cynanchum floribundum*																				
Apocynaceae	*Cynanchum viminale* subsp. *australe*																				
Apocynaceae	*Gymnanthera cunninghamii* **(P3)**																				
Apocynaceae	*Gymnema erectum*																				
Apocynaceae	*Vincetoxicum flexuosum*																				
Araliaceae	*Trachymene oleracea*																				

Family	Taxa	EP67	EP70R	EP71	EP79	EP80	EP81	F001	F002	F003	F004	F005	F007	F011	F012	F013	F014	F015	F016	F017	F018
Araliaceae	*Trachymene oleracea* subsp. *oleracea*																				
Araliaceae	*Trachymene pilbarensis*																				
Asteraceae	*Blumea tenella*																				
Asteraceae	*Centipeda minima* subsp. *macrocephala*																				
Asteraceae	*Chrysocephalum apiculatum* subsp. *pilbarense*																				
Asteraceae	*Chrysocephalum* sp.																				
Asteraceae	**Flaveria trinervia*																				
Asteraceae	*Olearia fluvialis*																				
Asteraceae	*Pentalepis trichodesmoides* subsp. *trichodesmoides*														+						
Asteraceae	*Pluchea dentex*																				
Asteraceae	*Pluchea ferdinandi-muelleri*																				+
Asteraceae	*Pluchea rubelliflora*																				
Asteraceae	*?Pluchea rubelliflora*																				
Asteraceae	*Pluchea tetranthera*			+																	
Asteraceae	*Pterocaulon serrulatum* var. *velutinum*																				
Asteraceae	*Pterocaulon sphacelatum*																				
Asteraceae	**Sonchus oleraceus*																				
Asteraceae	*Streptoglossa ?bubakii*																				
Asteraceae	*Streptoglossa decurrens*							+													
Asteraceae	*Streptoglossa ?decurrens*																				
Asteraceae	*Vittadinia dissecta* var. *hirta*																				
Bixaceae	*Cochlospermum macnamarae* **(P1)**																				
Boraginaceae	*Ehretia saligna* var. *saligna*																				
Boraginaceae	*Euploca chrysocarpa*																				
Boraginaceae	*Euploca ?chrysocarpa*																				
Boraginaceae	*Euploca conocarpa*																				
Boraginaceae	*Euploca cunninghamii*					+	+											+			
Boraginaceae	*Euploca ?cunninghamii*																				
Boraginaceae	*Euploca heterantha*																				
Boraginaceae	*Euploca pachyphylla*																				
Boraginaceae	*Euploca ?pachyphylla*																				
Boraginaceae	*Euploca skeleton*																				
Boraginaceae	*Euploca tanythrix*																				
Boraginaceae	*Euploca tenuifolia*																				
Boraginaceae	*Heliotropium crispatum*						+	+	+												
Boraginaceae	*Heliotropium murinum* **(P3)**	+																			
Boraginaceae	*Heliotropium ?murinum* **(P3)**																				
Boraginaceae	*Heliotropium* sp. 1																				
Boraginaceae	*Heliotropium* sp. 2																				

Family	Taxa	EP67	EP70R	EP71	EP79	EP80	EP81	F001	F002	F003	F004	F005	F007	F011	F012	F013	F014	F015	F016	F017	F018
Boraginaceae	*Trichodesma zeylanicum*							+													
Boraginaceae	*Trichodesma zeylanicum* var. *zeylanicum*																				
Brassicaceae	*Lepidium pedicellosum*																				
Byblidaceae	*Byblis pilbarana*																				
Campanulaceae	*Wahlenbergia tumidifructa*																				
Capparaceae	*Capparis spinosa* subsp. *nummularia*																				
Caryophyllaceae	*Polycarpaea corymbosa* var. *corymbosa*				+		+			+											
Caryophyllaceae	*Polycarpaea holtzei*				+		+				+										
Caryophyllaceae	*Polycarpaea longiflora*	+																			
Celastraceae	*Stackhousia intermedia*																				
Celastraceae	*Stackhousia ?intermedia*																				
Celastraceae	*Stackhousia muricata*																				
Chenopodiaceae	*Dysphania kalpari*						+														
Chenopodiaceae	*Dysphania plantaginella*																				
Chenopodiaceae	*Dysphania rhadinostachya*																				
Chenopodiaceae	*Dysphania rhadinostachya* subsp. *inflata*																				
Chenopodiaceae	*Dysphania rhadinostachya* subsp. *rhadinostachya*																				
Chenopodiaceae	*Dysphania* sp.																				
Chenopodiaceae	?*Dysphania* sp.																				
Chenopodiaceae	*Dysphania sphaerosperma*																				
Chenopodiaceae	*Sclerolaena costata*																				
Chenopodiaceae	*Sclerolaena densiflora*										+										
Chenopodiaceae	*Sclerolaena hostilis*																				
Cleomaceae	*Arivela viscosa*	+	+		+	+	+		+								+				
Combretaceae	*Terminalia circumalata*																				
Combretaceae	*Terminalia* sp.																				
Combretaceae	?*Terminalia* sp. 1																				
Combretaceae	?*Terminalia* sp. 2																				
Combretaceae	?*Terminalia* sp. 3																				
Combretaceae	?*Terminalia* sp. 4																				
Commelinaceae	*Commelina ensifolia*																				
Convolvulaceae	*Bonamia alatisemina*																				+
Convolvulaceae	*Bonamia ?alatisemina*																				
Convolvulaceae	*Bonamia erecta*																				
Convolvulaceae	*Bonamia linearis*																				
Convolvulaceae	*Bonamia media*																				
Convolvulaceae	*Bonamia ?media*																				
Convolvulaceae	*Bonamia pannosa*										+										
Convolvulaceae	*Bonamia pilbarensis*			+	+		+	+				+				+		+	+	+	
Convolvulaceae	*Bonamia ?pilbarensis*																				

Family	Taxa	EP67	EP70R	EP71	EP79	EP80	EP81	F001	F002	F003	F004	F005	F007	F011	F012	F013	F014	F015	F016	F017	F018
Convolvulaceae	*Bonamia* sp. 1																				
Convolvulaceae	*Bonamia* sp. 2																				
Convolvulaceae	*Evolvulus alsinoides*																				
Convolvulaceae	*Evolvulus alsinoides* var. *villosicalyx*									+	+										
Convolvulaceae	*Ipomoea coptica*																				
Convolvulaceae	*Ipomoea lonchophylla*																				
Convolvulaceae	*Ipomoea muelleri*												+				+				
Convolvulaceae	*Ipomoea polymorpha*																				
Convolvulaceae	*Operculina aequisepala*																				
Convolvulaceae	*Polymeria ambigua*																				
Convolvulaceae	*Polymeria calycina*																				
Convolvulaceae	*Polymeria lanata*																				
Convolvulaceae	*Polymeria mollis*																				
Convolvulaceae	*Polymeria* ? *mollis*																				
Cucurbitaceae	*Austrobryonia pilbarensis*																				
Cucurbitaceae	* *Citrullus colocynthis*																				
Cucurbitaceae	*Cucumis melo*																				
Cucurbitaceae	* *Cucumis myriocarpus* subsp. *myriocarpus*																				
Cucurbitaceae	*Cucumis* sp. Chichester Range (A.A. Mitchell et al. AAM 10691)																				
Cucurbitaceae	*Cucumis variabilis*							+	+												
Cucurbitaceae	*Trichosanthes cucumerina* var. *cucumerina*																				
Cyperaceae	*Bulbostylis barbata*	+		+	+		+				+										
Cyperaceae	*Bulbostylis burbidgeae* **(P4)**																				
Cyperaceae	*Bulbostylis turbinata*										+										
Cyperaceae	*Cyperus bifax*																				
Cyperaceae	*Cyperus bulbosus*																				
Cyperaceae	*Cyperus cunninghamii* subsp. *cunninghamii*																				
Cyperaceae	*Cyperus dactylotes*																				
Cyperaceae	*Cyperus difformis*																				
Cyperaceae	*Cyperus hesperius*																				
Cyperaceae	*Cyperus ixiocarpus*																				
Cyperaceae	*Cyperus microcephalus* subsp. *microcephalus*																				
Cyperaceae	*Cyperus* sp. 1																				
Cyperaceae	*Cyperus* sp. 2																				
Cyperaceae	*Cyperus squarrosus*																				
Cyperaceae	*Cyperus vaginatus*		+						+				+			+	+				
Cyperaceae	*Fimbristylis dichotoma*			+	+																
Cyperaceae	*Fimbristylis elegans*																				
Cyperaceae	*Fimbristylis simulans*																				
Cyperaceae	*Fimbristylis* sp.																				

Family	Taxa	EP67	EP70R	EP71	EP79	EP80	EP81	F001	F002	F003	F004	F005	F007	F011	F012	F013	F014	F015	F016	F017	F018
Cyperaceae	*Fuirena ciliaris*																				
Elatinaceae	*Bergia pedicellaris*																				
Euphorbiaceae	*Adriana tomentosa*																				
Euphorbiaceae	*Adriana tomentosa* var. *tomentosa*																				
Euphorbiaceae	*Adriana tomentosa* ?var. *tomentosa*																				
Euphorbiaceae	*Euphorbia ? australis*																				
Euphorbiaceae	*Euphorbia australis* var. *subtomentosa*	+			+		+	+	+							+	+				
Euphorbiaceae	*Euphorbia biconvexa*																				
Euphorbiaceae	*Euphorbia boophthona*																				
Euphorbiaceae	*Euphorbia careyi*																				
Euphorbiaceae	*Euphorbia coghlanii*								+							+	+				
Euphorbiaceae	*Euphorbia inappendiculata* var. *inappendiculata* **(P3)**																				
Euphorbiaceae	*Euphorbia* sp. 1																				
Euphorbiaceae	*Euphorbia* sp. 2																				
Euphorbiaceae	*Euphorbia tannensis* subsp. *eremophila*				+			+													
Euphorbiaceae	*Euphorbia ? tannensis* subsp. *eremophila*																				
Euphorbiaceae	*Euphorbia trigonosperma*																				
Euphorbiaceae	*Mallotus nesophilus*																				
Fabaceae	*Acacia acradenia*																		+		
Fabaceae	*Acacia adoxa* var. *adoxa*																				
Fabaceae	*Acacia adsurgens*																				
Fabaceae	*Acacia ampliceps*																+				
Fabaceae	*Acacia ampliceps x sclerosperma* subsp. *sclerosperma*																				
Fabaceae	*Acacia ancistrocarpa*																				+
Fabaceae	*Acacia aptaneura*																				
Fabaceae	*Acacia arida*																				
Fabaceae	*Acacia bivenosa*			+		+			+	+	+										
Fabaceae	*Acacia ? bivenosa*																				
Fabaceae	*Acacia colei*								+												
Fabaceae	*Acacia colei* var. *colei*																				
Fabaceae	*Acacia colei* ?var. *colei*																				
Fabaceae	*Acacia coriacea* subsp. *pendens*																				
Fabaceae	*Acacia elachantha*																				
Fabaceae	*Acacia eriopoda*		+						+												
Fabaceae	*Acacia eriopoda x trachycarpa*																				
Fabaceae	*Acacia hilliana*																				
Fabaceae	*Acacia holosericea*																				
Fabaceae	*Acacia inaequilatera*	+		+	+	+	+	+	+			+			+			+	+	+	
Fabaceae	*Acacia levata* **(P3)**									+	+										

Family	Taxa	EP67	EP70R	EP71	EP79	EP80	EP81	F001	F002	F003	F004	F005	F007	F011	F012	F013	F014	F015	F016	F017	F018
Fabaceae	*Acacia maitlandii*																				
Fabaceae	*Acacia monticola*																				
Fabaceae	*Acacia orthocarpa*																				
Fabaceae	*Acacia pruinocarpa*																				
Fabaceae	*Acacia ptychophylla*							+			+										
Fabaceae	*Acacia pyrifolia*															+	+				
Fabaceae	*Acacia pyrifolia* var. *morrisonii*																				+
Fabaceae	*Acacia pyrifolia* var. *pyrifolia*							+	+												
Fabaceae	*Acacia retivenea* subsp. *clandestina*																				
Fabaceae	*Acacia sericophylla*															+	+				
Fabaceae	*Acacia sibirica*																				
Fabaceae	*Acacia* sp. 1									+											
Fabaceae	*Acacia* sp. 2																				
Fabaceae	*Acacia* sp. 3																				
Fabaceae	*Acacia* sp. 4																				
Fabaceae	*Acacia* sp. 5																				
Fabaceae	*Acacia* sp. 6																				
Fabaceae	*Acacia* sp. 7																				
Fabaceae	*Acacia* sp. 8																				
Fabaceae	*Acacia* sp. 9																				
Fabaceae	*Acacia sphaerostachya*																				
Fabaceae	*Acacia spondylophylla*																				
Fabaceae	*Acacia stellaticeps*										+										
Fabaceae	*Acacia synchronicia*																				
Fabaceae	*Acacia trachycarpa*			+												+	+				
Fabaceae	*Acacia trachycarpa x tumida* var. *pilbarensis*																				
Fabaceae	*Acacia tumida* var. *pilbarensis*																				
Fabaceae	*Acacia victoriae* subsp. *victoriae*																				
Fabaceae	*Alysicarpus muelleri*																				
Fabaceae	*Cajanus cinereus*																				
Fabaceae	*Cajanus* ? *cinereus*																				
Fabaceae	*Cajanus pubescens*																				
Fabaceae	*Cajanus* sp. 1																				
Fabaceae	*Cajanus* sp. 2																				
Fabaceae	*Cajanus* sp. 3																				
Fabaceae	*Crotalaria cunninghamii* subsp. *sturtii*																				
Fabaceae	*Crotalaria* ? *cunninghamii* subsp. *sturtii*																				
Fabaceae	*Crotalaria medicaginea* var. *neglecta*					+			+						+						
Fabaceae	*Crotalaria novae-hollandiae* subsp. *novae-hollandiae*														+						
Fabaceae	*Cullen lachnostachys*																				

Family	Taxa	EP67	EP70R	EP71	EP79	EP80	EP81	F001	F002	F003	F004	F005	F007	F011	F012	F013	F014	F015	F016	F017	F018
Fabaceae	*Cullen leucanthum*																+				
Fabaceae	*Cullen leucochaites*																				
Fabaceae	*Cullen martinii*																				
Fabaceae	*Cullen pallidum*																				
Fabaceae	*Cullen pogonocarpum*																				
Fabaceae	*Cullen pustulatum*																				
Fabaceae	*Cullen* ?*pustulatum*																				
Fabaceae	*Cullen* sp. 1																				
Fabaceae	*Cullen* sp. 2																				
Fabaceae	*Cullen stipulaceum*											+									
Fabaceae	*Dichrostachys spicata*																				
Fabaceae	*Erythrina vespertilio*																				
Fabaceae	*Glycine canescens*																				
Fabaceae	*Grona filiformis*																				
Fabaceae	*Indigastrum parviflorum*																				
Fabaceae	*Indigofera colutea*	+	+													+				+	
Fabaceae	*Indigofera deserticola*																				
Fabaceae	*Indigofera hirsuta*																				
Fabaceae	*Indigofera linifolia*	+				+															
Fabaceae	*Indigofera linnaei*																				
Fabaceae	*Indigofera monophylla*											+			+			+			+
Fabaceae	*Indigofera rugosa*						+													+	
Fabaceae	**Indigofera sessiliflora*																				
Fabaceae	*Indigofera* sp. 1																				
Fabaceae	*Indigofera* sp. 2																				
Fabaceae	*Indigofera* sp. 3																				
Fabaceae	*Indigofera trita*														+						
Fabaceae	*Indigofera trita* subsp. *trita*																				
Fabaceae	*Indigofera trita* ?subsp. *trita*																				
Fabaceae	*Isotropis atropurpurea*																				
Fabaceae	*Neptunia* sp.																				
Fabaceae	*Petalostylis labicheoides*															+	+				
Fabaceae	*Rhynchosia australis*																				
Fabaceae	*Rhynchosia minima*		+		+										+	+				+	
Fabaceae	*Rhynchosia* sp. 1																				
Fabaceae	*Rhynchosia* sp. 2																				
Fabaceae	*Rhynchosia* sp. 3																				
Fabaceae	*Rhynchosia* sp. 4																				
Fabaceae	*Rhynchosia* sp. 5																				
Fabaceae	*Rhynchosia* sp. 6																				
Fabaceae	*Senna artemisioides* subsp. *helmsii*																				

Family	Taxa	EP67	EP70R	EP71	EP79	EP80	EP81	F001	F002	F003	F004	F005	F007	F011	F012	F013	F014	F015	F016	F017	F018
Fabaceae	*Senna artemisioides* subsp. *helmsii x oligophylla*																				
Fabaceae	*Senna artemisioides* subsp. *oligophylla*																		+	+	
Fabaceae	*Senna ferraria*																				
Fabaceae	*Senna glaucifolia*																				
Fabaceae	*Senna glutinosa*																				
Fabaceae	*Senna* ? *glutinosa*																				
Fabaceae	*Senna glutinosa* subsp. *glutinosa*		+				+				+	+			+				+		
Fabaceae	*Senna glutinosa* subsp. *pruinosa*									+									+		
Fabaceae	*Senna glutinosa* subsp. *x luerssenii*																				
Fabaceae	*Senna notabilis*	+			+		+	+	+						+	+	+				
Fabaceae	*Senna symonii*	+	+								+	+			+			+			
Fabaceae	*Senna venusta*																				
Fabaceae	*Sesbania cannabina*												+			+					
Fabaceae	*Sesbania formosa*																				
Fabaceae	*Swainsona decurrens*																				
Fabaceae	*Swainsona formosa*																				
Fabaceae	*Swainsona* ? *formosa*																				
Fabaceae	*Swainsona* sp. 1																				
Fabaceae	*Swainsona* sp. 2					+															
Fabaceae	*Swainsona stenodonta*																				
Fabaceae	*Templetonia hookeri*																				
Fabaceae	*Tephrosia clementii*																				
Fabaceae	*Tephrosia densa*																				
Fabaceae	*Tephrosia leptoclada*																				
Fabaceae	*Tephrosia rosea*																				
Fabaceae	*Tephrosia rosea* var. *clementii*																				
Fabaceae	*Tephrosia rosea* ?var. *clementii*																				
Fabaceae	? *Tephrosia* sp.																				
Fabaceae	*Tephrosia* sp. 1																				
Fabaceae	*Tephrosia* sp. 2																				
Fabaceae	*Tephrosia* sp. B Kimberley Flora (C.A. Gardner 7300)																				
Fabaceae	*Tephrosia* sp. Bungaroo Creek (M.E. Trudgen 11601)				+																
Fabaceae	*Tephrosia* sp. clay soils (S. van Leeuwen et al. PBS 0273)																				
Fabaceae	*Tephrosia* sp. D Kimberley Flora (R.D. Royce 1848)																				
Fabaceae	*Tephrosia* sp. Newman (A.A. Mitchell PRP 29)																				

Family	Taxa	EP67	EP70R	EP71	EP79	EP80	EP81	F001	F002	F003	F004	F005	F007	F011	F012	F013	F014	F015	F016	F017	F018
Fabaceae	*Tephrosia* sp. *NW Eremaean (S. van Leeuwen et al. PBS 0356)*				+		+											+			
Fabaceae	*Tephrosia supina*														+					+	
Fabaceae	*Tephrosia* ? *supina*																				
Fabaceae	*Tephrosia virens*							+													
Fabaceae	*Tephrosia* ? *virens*																				
Fabaceae	* *Vachellia farnesiana* var. *farnesiana*								+												
Fabaceae	*Vigna lanceolata* var. *lanceolata*															+	+				
Fabaceae	*Vigna* sp. Hamersley Clay (A.A. Mitchell PRP 113)																				
Fabaceae	*Zornia albiflora*																				
Goodeniaceae	*Dampiera candicans*							+													
Goodeniaceae	*Dampiera* sp.																				
Goodeniaceae	*Goodenia armitiana*																				
Goodeniaceae	*Goodenia cusackiana*							+		+	+										
Goodeniaceae	*Goodenia* ? *cusackiana*																				
Goodeniaceae	*Goodenia lamprosperma*																				
Goodeniaceae	*Goodenia microptera*	+					+														
Goodeniaceae	*Goodenia muelleriana*																				
Goodeniaceae	*Goodenia* ? *muelleriana*																				
Goodeniaceae	*Goodenia nuda*																				
Goodeniaceae	*Goodenia scaevolina*																				
Goodeniaceae	*Goodenia* sp. 1																				
Goodeniaceae	*Goodenia* sp. 2																	+			
Goodeniaceae	*Goodenia stobbsiana*							+											+		
Goodeniaceae	*Goodeniaceae* sp.																				
Goodeniaceae	*Scaevola amblyanthera* var. *centralis*	+																			
Goodeniaceae	*Scaevola* ? *amblyanthera* var. *centralis*																				
Goodeniaceae	*Scaevola browniana* subsp. *browniana*																				
Goodeniaceae	*Scaevola parvifolia*																				
Goodeniaceae	*Scaevola* sp.																				
Gyrostemonaceae	*Codonocarpus cotinifolius*																				
Haloragaceae	*Gonocarpus ephemerus*																				
Haloragaceae	*Haloragis* ? *gossei*									+	+										
Haloragaceae	*Haloragis gossei* var. *gossei*																				
Haloragaceae	*Haloragis gossei* ?var. *gossei*																				
Haloragaceae	*Haloragis* sp. 1																				
Haloragaceae	*Haloragis* sp. 2																				
Lamiaceae	*Basilicum polystachyon*																				
Lamiaceae	*Clerodendrum floribundum* var. *angustifolium*																				

Family	Taxa	EP67	EP70R	EP71	EP79	EP80	EP81	F001	F002	F003	F004	F005	F007	F011	F012	F013	F014	F015	F016	F017	F018
Lamiaceae	*Clerodendrum floribundum* var. ?*angustifolium*																				
Lamiaceae	*Clerodendrum tomentosum* var. *lanceolatum*																				
Lamiaceae	*Clerodendrum tomentosum* var. *tomentosum*																				
Lamiaceae	*Quoya zonalis* **(T)**																				
Lauraceae	*Cassytha capillaris*																				
Lauraceae	*Cassytha filiformis*																				
Lauraceae	*Cassytha* sp. 1																				
Lauraceae	*Cassytha* sp. 2																				
Lauraceae	*Cassytha* sp. 3																				
Loganiaceae	*Mitrasacme connata*																				
Loranthaceae	*Lysiana casuarinae*																				
Lythraceae	*Ammannia baccifera*																				
Lythraceae	*Ammannia multiflora*																				
Lythraceae	*Ammannia* sp. 1																				
Lythraceae	*Ammannia* sp. 2																				
Lythraceae	*Ammannia* sp. 3																				
Lythraceae	*Ammannia* sp. 4																				
Malvaceae	*Abutilon fraseri* subsp. *fraseri*																				
Malvaceae	*Abutilon lepidum*											+									
Malvaceae	*Abutilon* ?*leucopetalum*																				
Malvaceae	*Abutilon macrum*																				
Malvaceae	*Abutilon* sp. 1																				
Malvaceae	*Abutilon* sp. 2																				
Malvaceae	*Abutilon* sp. 3																				
Malvaceae	*Abutilon* sp. Dioicum (A.A. Mitchell PRP 1618)				+																
Malvaceae	*Abutilon* sp. Pilbara (W.R. Barker 2025)																				
Malvaceae	*Brachychiton acuminatus*																				
Malvaceae	*Corchorus incanus*																				
Malvaceae	*Corchorus* ?*incanus*																				
Malvaceae	*Corchorus incanus* subsp. *incanus*		+			+															
Malvaceae	*Corchorus* ?*incanus* subsp. *incanus*																				
Malvaceae	*Corchorus laniflorus*			+																	
Malvaceae	*Corchorus lasiocarpus* subsp. *lasiocarpus*																				
Malvaceae	*Corchorus parviflorus*	+			+		+	+	+			+	+		+	+		+		+	+
Malvaceae	*Corchorus* ?*parviflorus*																				
Malvaceae	*Corchorus* sp. 1																				
Malvaceae	*Corchorus* sp. 2																				
Malvaceae	*Corchorus tridens*																				

Family	Taxa	EP67	EP70R	EP71	EP79	EP80	EP81	F001	F002	F003	F004	F005	F007	F011	F012	F013	F014	F015	F016	F017	F018
Malvaceae	*Corchorus trilocularis*																				
Malvaceae	*Corchorus walcottii*																				
Malvaceae	*Gossypium australe*		+		+		+				+										
Malvaceae	*Gossypium robinsonii*																				
Malvaceae	*Hibiscus austrinus* var. *austrinus*																				
Malvaceae	*Hibiscus brachychlaenus*																				
Malvaceae	*Hibiscus burtonii*																				
Malvaceae	*Hibiscus coatesii*																				
Malvaceae	*Hibiscus goldsworthii*																				
Malvaceae	*Hibiscus leptocladus*																				
Malvaceae	*Hibiscus sturtii*																				
Malvaceae	*Hibiscus* ? *sturtii*																				
Malvaceae	? *Hibiscus sturtii*																				
Malvaceae	*Hibiscus sturtii* var. *campylochlamys*																				
Malvaceae	*Hibiscus sturtii* var. *platychlamys*																				
Malvaceae	MALVACEAE sp. 1																				
Malvaceae	MALVACEAE sp. 2																				
Malvaceae	MALVACEAE sp. 3																				
Malvaceae	* *Malvastrum americanum*																				
Malvaceae	*Melhania oblongifolia*																				
Malvaceae	*Seringia nephrosperma*																				
Malvaceae	*Sida arenicola*																				
Malvaceae	*Sida arsiniata*																				
Malvaceae	*Sida cardiophylla*			+			+												+		
Malvaceae	*Sida clementii*	+																			
Malvaceae	*Sida echinocarpa*																				
Malvaceae	*Sida* ? *echinocarpa*																				
Malvaceae	*Sida fibulifera*																				
Malvaceae	*Sida* ? *fibulifera*																				
Malvaceae	*Sida macropoda*																				
Malvaceae	*Sida* ? *macropoda*																				
Malvaceae	*Sida platycalyx*																				
Malvaceae	*Sida rohlenae* subsp. *rohlenae*																				
Malvaceae	*Sida* sp. 1																				
Malvaceae	*Sida* sp. 2																				
Malvaceae	*Sida* sp. 3																				
Malvaceae	*Sida* sp. articulation below (A.A. Mitchell PRP 1605)																				
Malvaceae	*Sida* sp. Excedentifolia (J.L. Egan 1925)																				
Malvaceae	*Sida* sp. Pilbara (A.A. Mitchell PRP 1543)																				

Family	Taxa	EP67	EP70R	EP71	EP79	EP80	EP81	F001	F002	F003	F004	F005	F007	F011	F012	F013	F014	F015	F016	F017	F018
Malvaceae	*Sida* sp. spiciform panicles (E. Leyland s.n. 14/8/90)																				
Malvaceae	*Sida spinosa*																				
Malvaceae	*Triumfetta appendiculata*											+									
Malvaceae	*Triumfetta* ? *appendiculata*																				
Malvaceae	*Triumfetta chaetocarpa*									+	+				+						
Malvaceae	*Triumfetta clementii*				+																
Malvaceae	*Triumfetta johnstonii*																				
Malvaceae	*Triumfetta leptacantha*																				
Malvaceae	*Triumfetta maconochieana*							+													
Malvaceae	*Triumfetta propinqua*																				
Malvaceae	*Triumfetta ramosa*																				
Malvaceae	*Triumfetta* sp. 1																				
Malvaceae	*Triumfetta* sp. 2																				
Malvaceae	*Waltheria indica*																				
Malvaceae	*Waltheria virgata*																				
Marsileaceae	*Marsilea exarata*																				
Marsileaceae	*Marsilea hirsuta*																				
Marsileaceae	*Marsilea* sp. 1																				
Marsileaceae	*Marsilea* sp. 2																				
Menispermaceae	*Tinospora smilacina*						+														
Molluginaceae	*Hypertelis cerviana*																				
Molluginaceae	*Trigastrotheca molluginea*	+		+	+		+								+			+			
Montiaceae	*Calandrinia ptychosperma*																				
Montiaceae	*Calandrinia* ? *pumila*																				
Montiaceae	*Calandrinia* ? *stagnensis*																				
Montiaceae	*Calandrinia tepperiana*																+				
Moraceae	*Ficus aculeata* var. *indecora*																				
Moraceae	*Ficus brachypoda*													+							
Myrtaceae	*Corymbia candida* subsp. *candida*																				
Myrtaceae	*Corymbia* ? *candida* subsp. *candida*													+							
Myrtaceae	*Corymbia flavescens*																				
Myrtaceae	*Corymbia hamersleyana*			+		+			+			+									
Myrtaceae	*Corymbia* ? *hamersleyana*																				
Myrtaceae	? *Corymbia hamersleyana*																				
Myrtaceae	? *Corymbia* sp.																				+
Myrtaceae	*Corymbia* sp. 1																				
Myrtaceae	*Corymbia* sp. 2																				
Myrtaceae	*Corymbia* sp. 3																				
Myrtaceae	*Eucalyptus camaldulensis*																				
Myrtaceae	*Eucalyptus* ? *camaldulensis*																				

Family	Taxa	EP67	EP70R	EP71	EP79	EP80	EP81	F001	F002	F003	F004	F005	F007	F011	F012	F013	F014	F015	F016	F017	F018
Myrtaceae	*Eucalyptus camaldulensis* subsp. *refulgens*		+													+					
Myrtaceae	*Eucalyptus camaldulensis* ?subsp. *refulgens*																				
Myrtaceae	*Eucalyptus leucophloia*																				
Myrtaceae	*Eucalyptus leucophloia* subsp. *leucophloia*																				
Myrtaceae	*Eucalyptus* ? *leucophloia* subsp. *leucophloia*																				
Myrtaceae	*Eucalyptus* sp. 1																				
Myrtaceae	*Eucalyptus* sp. 2																				
Myrtaceae	*Eucalyptus victrix*								+		+		+				+				
Myrtaceae	*Melaleuca argentea*												+			+	+				
Myrtaceae	*Melaleuca bracteata*																				
Myrtaceae	*Melaleuca glomerata*		+						+				+			+	+				
Myrtaceae	*Melaleuca* ? *glomerata*																				
Myrtaceae	*Melaleuca linophylla*												+			+	+				
Myrtaceae	*Melaleuca* ? *linophylla*																				
Nyctaginaceae	*Boerhavia burbidgeana*																				
Nyctaginaceae	*Boerhavia coccinea*																				+
Nyctaginaceae	*Boerhavia* ? *coccinea*																				
Nyctaginaceae	*Boerhavia gardneri*	+	+				+								+	+		+			
Nyctaginaceae	*Boerhavia* sp.																				
Oleaceae	*Jasminum didymum* subsp. *lineare*																				
Onagraceae	*Ludwigia perennis*																				
Papaveraceae	**Argemone ochroleuca* subsp. *ochroleuca*																				
Pedaliaceae	*Josephinia eugeniae*																				
Pedaliaceae	*Josephinia* sp. Mt Edgar Station (N.T. Burbidge 1194)																				
Phyllanthaceae	*Cathetus* sp.																				
Phyllanthaceae	*Cathetus virgatus*																				
Phyllanthaceae	*Flueggea virosa* subsp. *melanthesoides*																+				
Phyllanthaceae	*Kirganelia baccata*																				
Phyllanthaceae	*Nellica maderaspatensis*		+										+			+					
Phyllanthaceae	*Notoleptopus decaisnei*	+																			
Phyllanthaceae	*Phyllanthus hebecarpus* **(P3)**																				
Pittosporaceae	*Pittosporum angustifolium*																				
Plantaginaceae	*Stemodia grossa*															+					
Plantaginaceae	*Stemodia kingii*																				
Plantaginaceae	*Stemodia viscosa*																				
Poaceae	*Aristida burbidgeae*																				
Poaceae	*Aristida contorta*				+		+				+										
Poaceae	?*Aristida contorta*																				
Poaceae	*Aristida holathera* var. *holathera*																				
Poaceae	*Aristida inaequiglumis*																				

Family	Taxa	EP67	EP70R	EP71	EP79	EP80	EP81	F001	F002	F003	F004	F005	F007	F011	F012	F013	F014	F015	F016	F017	F018
Poaceae	*Cenchrus ciliaris		+			+			+				+			+	+				+
Poaceae	*Cenchrus setiger															+					
Poaceae	*Cenchrus* sp.																				
Poaceae	*Chloris barbata															+					
Poaceae	*Chloris pumilio*																				
Poaceae	*Chloris virgata																				
Poaceae	*Chrysopogon fallax*																				
Poaceae	*Cymbopogon ambiguus*		+				+					+		+	+	+					
Poaceae	*Cymbopogon obtectus*																				
Poaceae	*Cymbopogon procerus*																				
Poaceae	*Cynodon convergens*																				
Poaceae	*Cynodon dactylon												+			+					
Poaceae	*Cynodon prostratus*																				
Poaceae	*Dactyloctenium radulans*															+					
Poaceae	*Dichanthium fecundum*																				
Poaceae	*Dichanthium sericeum* subsp. *humilius*																				
Poaceae	*Digitaria brownii*																				
Poaceae	*Digitaria ctenantha*																				
Poaceae	*Diplachne fusca* subsp. *fusca*																				
Poaceae	*Echinochloa colona															+					
Poaceae	*Enneapogon caerulescens*	+	+		+																
Poaceae	*Enneapogon ?caerulescens*																				
Poaceae	*Enneapogon lindleyanus*						+														
Poaceae	*Enneapogon polyphyllus*																				
Poaceae	*Enneapogon* sp.																				
Poaceae	*Eragrostis crateriformis* **(P3)**																				
Poaceae	*Eragrostis cumingii*															+					
Poaceae	*Eragrostis desertorum*																				
Poaceae	*Eragrostis dielsii*																				
Poaceae	*Eragrostis eriopoda*																				
Poaceae	*Eragrostis exigua*																				
Poaceae	*Eragrostis minor*															+					
Poaceae	*Eragrostis olida*																				
Poaceae	*Eragrostis* sp. 1																				
Poaceae	*Eragrostis* sp. 2																				
Poaceae	*Eragrostis tenellula*																				
Poaceae	*Eragrostis ?tenellula*																				
Poaceae	*Eriachne aristidea*																				
Poaceae	*Eriachne benthamii*																				
Poaceae	*Eriachne ciliata*																				
Poaceae	*Eriachne flaccida*																				

Family	Taxa	EP67	EP70R	EP71	EP79	EP80	EP81	F001	F002	F003	F004	F005	F007	F011	F012	F013	F014	F015	F016	F017	F018
Poaceae	*Eriachne helmsii*																				
Poaceae	*Eriachne melicacea*																				
Poaceae	*Eriachne mucronata*						+							+							
Poaceae	*Eriachne obtusa*																				
Poaceae	*Eriachne pulchella*																				
Poaceae	*Eriachne pulchella* subsp. *dominii*																				
Poaceae	*Eriachne pulchella* subsp. *pulchella*			+	+																
Poaceae	*Eriachne* sp. 1																				
Poaceae	*Eriachne* sp. 2																				
Poaceae	*Eriachne* sp. 3																				
Poaceae	*Eriachne* sp. 4																				
Poaceae	*Eriachne* sp. Dugald River (B.K. Simon+ 3007)						+														
Poaceae	*Eriachne tenuiculmis*		+										+			+	+				
Poaceae	*Eulalia aurea*																				
Poaceae	*Iseilema dolichotrichum*																				
Poaceae	*Iseilema membranaceum*																				
Poaceae	*Panicum australiense*										+										
Poaceae	*Panicum australiense* var. *australiense*																				
Poaceae	*Paraneurachne muelleri*																				
Poaceae	*Paspalidium basicladum*																				
Poaceae	*Paspalidium clementii*																				
Poaceae	*Paspalidium jubiflorum*																				
Poaceae	*Paspalidium rarum*																				
Poaceae	*Perotis rara*						+														
Poaceae	POACEAE sp. 1																				
Poaceae	POACEAE sp. 2																				
Poaceae	POACEAE sp. 3																				
Poaceae	*Schizachyrium fragile*						+														
Poaceae	**Setaria verticillata*																				
Poaceae	*Sporobolus actinocladus*																				
Poaceae	*Sporobolus australasicus*										+										
Poaceae	*Sporobolus ramigerus*												+			+	+				
Poaceae	*Themeda triandra*								+												
Poaceae	*Themeda ? triandra*																				
Poaceae	*Triodia angusta*																				
Poaceae	*Triodia ? angusta*																				
Poaceae	*Triodia brizoides*														+			+			
Poaceae	*Triodia ? brizoides*																				
Poaceae	*Triodia epactia*			+	+		+	+		+	+	+		+	+		+	+	+		+
Poaceae	*Triodia ? epactia*																				
Poaceae	*Triodia lanigera*																				

Family	Taxa	EP67	EP70R	EP71	EP79	EP80	EP81	F001	F002	F003	F004	F005	F007	F011	F012	F013	F014	F015	F016	F017	F018
Poaceae	*Triodia longiceps*										+		+			+					
Poaceae	*Triodia secunda*																				
Poaceae	*Triodia wiseana*	+	+			+															
Poaceae	*Triodia ? wiseana*																			+	
Poaceae	*Tripogonella loliiformis*				+																
Poaceae	*Whiteochloa cymbiformis*																				
Polygalaceae	*Polygala glaucifolia*																				
Polygalaceae	*Polygala isingii*									+	+										
Polygalaceae	*Polygala* sp.																				
Portulacaceae	*Portulaca filifolia*																				
Portulacaceae	*Portulaca oleracea*	+					+				+										
Potamogetonaceae	*Potamogeton tepperi*																				
Proteaceae	*Grevillea pyramidalis* subsp. *leucadendron*	+		+	+	+	+	+				+									+
Proteaceae	*Grevillea wickhamii*																				
Proteaceae	*Grevillea wickhamii* subsp. *aprica*											+						+	+		+
Proteaceae	*Grevillea wickhamii* subsp. *hispidula*			+	+		+														
Proteaceae	*Hakea lorea* subsp. *lorea*																	+			
Pteridaceae	*Cheilanthes sieberi* subsp. *Sieberi*																				
Pteridaceae	*Cheilanthes* sp.																				
Rubiaceae	*Dolichocarpa crouchiana*							+													
Rubiaceae	*Synaptantha tillaeacea* var. *tillaeacea*										+										+
Sapindaceae	*Atalaya hemiglauca*		+													+	+				
Sapindaceae	*Dodonaea coriacea*																				
Scrophulariaceae	*Eremophila latrobei* subsp. *glabra*									+									+		
Scrophulariaceae	*Eremophila latrobei* ?subsp. *glabra*																				
Scrophulariaceae	*Eremophila latrobei* subsp. *latrobei*																				
Scrophulariaceae	*Eremophila longifolia*																				
Solanaceae	*Nicotiana benthamiana*																				
Solanaceae	*Nicotiana bilybara*																				
Solanaceae	*Nicotiana occidentalis*																				
Solanaceae	**Physalis angulata*																				
Solanaceae	*Solanum ? centrale*																				
Solanaceae	*Solanum cleistogamum*																				
Solanaceae	*Solanum diversiflorum*							+	+							+					
Solanaceae	*Solanum gabrielae*																				
Solanaceae	*Solanum horridum*				+			+						+							
Solanaceae	*Solanum lasiophyllum*																				
Solanaceae	*Solanum lucani*																				
Solanaceae	**Solanum nigrum*																				
Solanaceae	*Solanum phlomoides*											+			+			+	+		+
Solanaceae	*Solanum ? phlomoides*																				

Family	Taxa	EP67	EP70R	EP71	EP79	EP80	EP81	F001	F002	F003	F004	F005	F007	F011	F012	F013	F014	F015	F016	F017	F018
Solanaceae	*Solanum* sp.																			+	
Stylidiaceae	*Stylidium desertorum*																				
Typhaceae	*Typha domingensis*																				
Violaceae	*Afrohybanthus aurantiacus*		+			+			+						+	+	+				
Violaceae	*Afrohybanthus ?aurantiacus*																				
Violaceae	*?Afrohybanthus* sp.																				
Zygophyllaceae	*Tribulus hirsutus*	+					+														
Zygophyllaceae	*Tribulus occidentalis*																				
Zygophyllaceae	*Tribulus platypterus*	+			+			+							+			+			
Zygophyllaceae	*Tribulus ?platypterus*																				
Zygophyllaceae	*Tribulus suberosus*																				

Sites F019-K20

Family	Taxa	F019	F020	F021	F022	F023	F024	F025	K02	K03	K05	K06	K07	K08	K09	K10	K11	K13	K14	K15	K17	K18	K20
Acanthaceae	*Rostellularia adscendens* var. *clementii*																						
Aizoaceae	*Trianthema pilosum*																						
Aizoaceae	**Trianthema portulacastrum*																						
Aizoaceae	*Trianthema triquetrum*																						
Aizoaceae	*Trianthema turgidifolium*																						
Aizoaceae	*Zaleya galericulata* subsp. *galericulata*																						
Amaranthaceae	*Achyranthes aspera*																						
Amaranthaceae	**Aerva javanica*	+		+													+				+		
Amaranthaceae	*Alternanthera denticulata*																						
Amaranthaceae	*Alternanthera denticulata* var. *denticulata*																+						
Amaranthaceae	*Alternanthera nana*																						
Amaranthaceae	*Amaranthus cuspidifolius*																						
Amaranthaceae	*Amaranthus undulatus*			+											+		+						
Amaranthaceae	*Gomphrena canescens*																						
Amaranthaceae	*Gomphrena cunninghamii*									+		+		+	+		+						
Amaranthaceae	*Gomphrena kanisii*																						
Amaranthaceae	*Gomphrena lanata*																						
Amaranthaceae	*Gomphrena leptoclada* subsp. *leptoclada*											+					+			+			
Amaranthaceae	*Ptilotus astrolasius*														+								
Amaranthaceae	*Ptilotus auriculifolius*									+				+	+	+			+	+	+	+	
Amaranthaceae	*Ptilotus axillaris*																						
Amaranthaceae	*Ptilotus calostachyus*																						
Amaranthaceae	*Ptilotus clementii*													+									
Amaranthaceae	*Ptilotus exaltatus*							+															
Amaranthaceae	*Ptilotus fusiformis*															+							
Amaranthaceae	*Ptilotus gomphrenoides*																						
Amaranthaceae	*Ptilotus incanus*									+					+								
Amaranthaceae	*Ptilotus mollis* **(P4)**																						
Amaranthaceae	*Ptilotus obovatus*						+																
Amaranthaceae	*Ptilotus* sp.																						
Amaranthaceae	?*Ptilotus* sp.																						
Apocynaceae	**Calotropis procera*	+			+												+						
Apocynaceae	*Carissa lanceolata*																						
Apocynaceae	*Cynanchum floribundum*																						
Apocynaceae	*Cynanchum viminale* subsp. *australe*																						
Apocynaceae	*Gymnanthera cunninghamii* **(P3)**																						
Apocynaceae	*Gymnema erectum*																						
Apocynaceae	*Vincetoxicum flexuosum*																						

Family	Taxa	F019	F020	F021	F022	F023	F024	F025	K02	K03	K05	K06	K07	K08	K09	K10	K11	K13	K14	K15	K17	K18	K20
Araliaceae	*Trachymene oleracea*																						
Araliaceae	*Trachymene oleracea* subsp. *oleracea*											+		+									
Araliaceae	*Trachymene pilbarensis*																						
Asteraceae	*Blumea tenella*																						
Asteraceae	*Centipeda minima* subsp. *macrocephala*																+						
Asteraceae	*Chrysocephalum apiculatum* subsp. *pilbarense*																						
Asteraceae	*Chrysocephalum* sp.																						
Asteraceae	**Flaveria trinervia*																+						
Asteraceae	*Olearia fluvialis*																						
Asteraceae	*Pentalepis trichodesmoides* subsp. *trichodesmoides*																						
Asteraceae	*Pluchea dentex*														+								
Asteraceae	*Pluchea ferdinandi-muelleri*						+											+					
Asteraceae	*Pluchea rubelliflora*	+															+	+					
Asteraceae	*?Pluchea rubelliflora*																						
Asteraceae	*Pluchea tetranthera*						+													+			+
Asteraceae	*Pterocaulon serrulatum* var. *velutinum*					+																	
Asteraceae	*Pterocaulon sphacelatum*				+																		
Asteraceae	**Sonchus oleraceus*																+						
Asteraceae	*Streptoglossa ?bubakii*																						
Asteraceae	*Streptoglossa decurrens*							+					+		+								
Asteraceae	*Streptoglossa ?decurrens*	+																					
Asteraceae	*Vittadinia dissecta* var. *hirta*																						
Bixaceae	*Cochlospermum macnamarae* **(P1)**																						
Boraginaceae	*Ehretia saligna* var. *saligna*																+						
Boraginaceae	*Euploca chrysocarpa*																						
Boraginaceae	*Euploca ?chrysocarpa*																						
Boraginaceae	*Euploca conocarpa*																						
Boraginaceae	*Euploca cunninghamii*														+								
Boraginaceae	*Euploca ?cunninghamii*																						
Boraginaceae	*Euploca heterantha*																						
Boraginaceae	*Euploca pachyphylla*																		+	+			
Boraginaceae	*Euploca ?pachyphylla*																						
Boraginaceae	*Euploca skeleton*																						
Boraginaceae	*Euploca tanythrix*																						
Boraginaceae	*Euploca tenuifolia*																						
Boraginaceae	*Heliotropium crispatum*														+		+	+					
Boraginaceae	*Heliotropium murinum* **(P3)**																						
Boraginaceae	*Heliotropium ?murinum* **(P3)**																						
Boraginaceae	*Heliotropium* sp. 1																						
Boraginaceae	*Heliotropium* sp. 2																						

Family	Taxa	F019	F020	F021	F022	F023	F024	F025	K02	K03	K05	K06	K07	K08	K09	K10	K11	K13	K14	K15	K17	K18	K20
Boraginaceae	*Trichodesma zeylanicum*			+						+					+		+					+	
Boraginaceae	*Trichodesma zeylanicum* var. *zeylanicum*																						
Brassicaceae	*Lepidium pedicellosum*											+						+					
Byblidaceae	*Byblis pilbarana*																						
Campanulaceae	*Wahlenbergia tumidifructa*																						
Capparaceae	*Capparis spinosa* subsp. *nummularia*																						
Caryophyllaceae	*Polycarpaea corymbosa* var. *corymbosa*																						
Caryophyllaceae	*Polycarpaea holtzei*									+		+		+		+				+	+	+	
Caryophyllaceae	*Polycarpaea longiflora*									+		+			+		+						
Celastraceae	*Stackhousia intermedia*																						
Celastraceae	*Stackhousia ?intermedia*																						
Celastraceae	*Stackhousia muricata*																		+				
Chenopodiaceae	*Dysphania kalpari*															+	+			+			
Chenopodiaceae	*Dysphania plantaginella*																						
Chenopodiaceae	*Dysphania rhadinostachya*																						
Chenopodiaceae	*Dysphania rhadinostachya* subsp. *inflata*																						
Chenopodiaceae	*Dysphania rhadinostachya* subsp. *rhadinostachya*																						
Chenopodiaceae	*Dysphania* sp.																						
Chenopodiaceae	?*Dysphania* sp.																						
Chenopodiaceae	*Dysphania sphaerosperma*																		+				
Chenopodiaceae	*Sclerolaena costata*																						
Chenopodiaceae	*Sclerolaena densiflora*																						
Chenopodiaceae	*Sclerolaena hostilis*																	+					
Cleomaceae	*Arivela viscosa*	+								+				+	+		+	+	+	+	+	+	
Combretaceae	*Terminalia circumalata*														+		+						
Combretaceae	*Terminalia* sp.																						
Combretaceae	?*Terminalia* sp. 1																						
Combretaceae	?*Terminalia* sp. 2																						
Combretaceae	?*Terminalia* sp. 3																						
Combretaceae	?*Terminalia* sp. 4																						
Commelinaceae	*Commelina ensifolia*																						
Convolvulaceae	*Bonamia alatisemina*																						
Convolvulaceae	*Bonamia ?alatisemina*																						
Convolvulaceae	*Bonamia erecta*																				+	+	
Convolvulaceae	*Bonamia linearis*		+																	+			
Convolvulaceae	*Bonamia media*														+						+		
Convolvulaceae	*Bonamia ?media*																						
Convolvulaceae	*Bonamia pannosa*		+																				
Convolvulaceae	*Bonamia pilbarensis*		+																				
Convolvulaceae	*Bonamia ?pilbarensis*																						

Family	Taxa	F019	F020	F021	F022	F023	F024	F025	K02	K03	K05	K06	K07	K08	K09	K10	K11	K13	K14	K15	K17	K18	K20
Convolvulaceae	*Bonamia* sp. 1																						
Convolvulaceae	*Bonamia* sp. 2																						
Convolvulaceae	*Evolvulus alsinoides*																						
Convolvulaceae	*Evolvulus alsinoides* var. *villosicalyx*					+	+														+	+	
Convolvulaceae	*Ipomoea coptica*	+																					
Convolvulaceae	*Ipomoea lonchophylla*																						
Convolvulaceae	*Ipomoea muelleri*	+																					
Convolvulaceae	*Ipomoea polymorpha*																						
Convolvulaceae	*Operculina aequisepala*																+						
Convolvulaceae	*Polymeria ambigua*	+															+						
Convolvulaceae	*Polymeria calycina*																						
Convolvulaceae	*Polymeria lanata*																						
Convolvulaceae	*Polymeria mollis*																						
Convolvulaceae	*Polymeria* ? *mollis*																						
Cucurbitaceae	*Austrobryonia pilbarensis*																						
Cucurbitaceae	* *Citrullus colocynthis*																						
Cucurbitaceae	*Cucumis melo*																						
Cucurbitaceae	* *Cucumis myriocarpus* subsp. *myriocarpus*																						
Cucurbitaceae	*Cucumis* sp. Chichester Range (A.A. Mitchell et al. AAM 10691)																						
Cucurbitaceae	*Cucumis variabilis*			+											+			+		+	+	+	+
Cucurbitaceae	*Trichosanthes cucumerina* var. *cucumerina*																						
Cyperaceae	*Bulbostylis barbata*					+		+						+		+			+	+	+	+	
Cyperaceae	*Bulbostylis burbidgeae* **(P4)**																						
Cyperaceae	*Bulbostylis turbinata*																						
Cyperaceae	*Cyperus bifax*																						
Cyperaceae	*Cyperus bulbosus*																						
Cyperaceae	*Cyperus cunninghamii* subsp. *cunninghamii*					+																	
Cyperaceae	*Cyperus dactylotes*																						
Cyperaceae	*Cyperus difformis*																						
Cyperaceae	*Cyperus hesperius*																						
Cyperaceae	*Cyperus ixiocarpus*																						
Cyperaceae	*Cyperus microcephalus* subsp. *microcephalus*																						
Cyperaceae	*Cyperus* sp. 1																						
Cyperaceae	*Cyperus* sp. 2																						
Cyperaceae	*Cyperus squarrosus*																						
Cyperaceae	*Cyperus vaginatus*	+															+						+
Cyperaceae	*Fimbristylis dichotoma*																						
Cyperaceae	*Fimbristylis elegans*																						
Cyperaceae	*Fimbristylis simulans*																						
Cyperaceae	*Fimbristylis* sp.											+	+										

Family	Taxa	F019	F020	F021	F022	F023	F024	F025	K02	K03	K05	K06	K07	K08	K09	K10	K11	K13	K14	K15	K17	K18	K20
Cyperaceae	*Fuirena ciliaris*																						
Elatinaceae	*Bergia pedicellaris*																						
Euphorbiaceae	*Adriana tomentosa*																						
Euphorbiaceae	*Adriana tomentosa* var. *tomentosa*																						
Euphorbiaceae	*Adriana tomentosa* ?var. *tomentosa*																						
Euphorbiaceae	*Euphorbia* ?*australis*																						
Euphorbiaceae	*Euphorbia australis* var. *subtomentosa*					+	+	+				+			+		+			+	+	+	+
Euphorbiaceae	*Euphorbia biconvexa*																						
Euphorbiaceae	*Euphorbia boophthona*																						
Euphorbiaceae	*Euphorbia careyi*									+													
Euphorbiaceae	*Euphorbia coghlanii*														+		+						+
Euphorbiaceae	*Euphorbia inappendiculata* var. *inappendiculata* **(P3)**																						
Euphorbiaceae	*Euphorbia* sp. 1																						
Euphorbiaceae	*Euphorbia* sp. 2																						
Euphorbiaceae	*Euphorbia tannensis* subsp. *eremophila*													+	+								+
Euphorbiaceae	*Euphorbia* ?*tannensis* subsp. *eremophila*																						
Euphorbiaceae	*Euphorbia trigonosperma*																						
Euphorbiaceae	*Mallotus nesophilus*																						
Fabaceae	*Acacia acradenia*													+	+								
Fabaceae	*Acacia adoxa* var. *adoxa*																						
Fabaceae	*Acacia adsurgens*																						
Fabaceae	*Acacia ampliceps*	+											+				+						
Fabaceae	*Acacia ampliceps x sclerosperma* subsp. *sclerosperma*																						
Fabaceae	*Acacia ancistrocarpa*		+				+							+								+	
Fabaceae	*Acacia aptaneura*																						
Fabaceae	*Acacia arida*																						
Fabaceae	*Acacia bivenosa*													+	+			+					
Fabaceae	*Acacia* ?*bivenosa*																						
Fabaceae	*Acacia colei*																						
Fabaceae	*Acacia colei* var. *colei*																						
Fabaceae	*Acacia colei* ?var. *colei*																						
Fabaceae	*Acacia coriacea* subsp. *pendens*																						
Fabaceae	*Acacia elachantha*								+														
Fabaceae	*Acacia eriopoda*															+	+						
Fabaceae	*Acacia eriopoda x trachycarpa*																						
Fabaceae	*Acacia hilliana*											+	+										
Fabaceae	*Acacia holosericea*																						
Fabaceae	*Acacia inaequilatera*		+				+			+	+			+					+	+	+	+	
Fabaceae	*Acacia levata* **(P3)**																						

Family	Taxa	F019	F020	F021	F022	F023	F024	F025	K02	K03	K05	K06	K07	K08	K09	K10	K11	K13	K14	K15	K17	K18	K20
Fabaceae	*Acacia maitlandii*																						
Fabaceae	*Acacia monticola*																						
Fabaceae	*Acacia orthocarpa*								+			+	+										
Fabaceae	*Acacia pruinocarpa*																						
Fabaceae	*Acacia ptychophylla*													+									
Fabaceae	*Acacia pyrifolia*																						
Fabaceae	*Acacia pyrifolia* var. *morrisonii*	+																					
Fabaceae	*Acacia pyrifolia* var. *pyrifolia*													+	+		+	+					+
Fabaceae	*Acacia retivenea* subsp. *clandestina*																						
Fabaceae	*Acacia sericophylla*			+																			
Fabaceae	*Acacia sibirica*																						
Fabaceae	*Acacia* sp. 1																						
Fabaceae	*Acacia* sp. 2																						
Fabaceae	*Acacia* sp. 3																						
Fabaceae	*Acacia* sp. 4																						
Fabaceae	*Acacia* sp. 5																						
Fabaceae	*Acacia* sp. 6																						
Fabaceae	*Acacia* sp. 7																						
Fabaceae	*Acacia* sp. 8																						
Fabaceae	*Acacia* sp. 9																						
Fabaceae	*Acacia sphaerostachya*		+																				
Fabaceae	*Acacia spondylophylla*																						
Fabaceae	*Acacia stellaticeps*											+	+										
Fabaceae	*Acacia synchronicia*																	+					
Fabaceae	*Acacia trachycarpa*	+					+				+		+		+		+				+		+
Fabaceae	*Acacia trachycarpa x tumida* var. *pilbarensis*														+								
Fabaceae	*Acacia tumida* var. *pilbarensis*														+	+	+						
Fabaceae	*Acacia victoriae* subsp. *victoriae*																						
Fabaceae	*Alysicarpus muelleri*																	+					
Fabaceae	*Cajanus cinereus*																						
Fabaceae	*Cajanus* ? *cinereus*																						
Fabaceae	*Cajanus pubescens*														+		+						
Fabaceae	*Cajanus* sp. 1																						
Fabaceae	*Cajanus* sp. 2																						
Fabaceae	*Cajanus* sp. 3									+													
Fabaceae	*Crotalaria cunninghamii* subsp. *sturtii*	+																					
Fabaceae	*Crotalaria* ? *cunninghamii* subsp. *sturtii*																						
Fabaceae	*Crotalaria medicaginea* var. *neglecta*										+				+							+	
Fabaceae	*Crotalaria novae-hollandiae* subsp. *novae-hollandiae*																						
Fabaceae	*Cullen lachnostachys*																						

Family	Taxa	F019	F020	F021	F022	F023	F024	F025	K02	K03	K05	K06	K07	K08	K09	K10	K11	K13	K14	K15	K17	K18	K20
Fabaceae	*Cullen leucanthum*																						
Fabaceae	*Cullen leucochaites*							+															
Fabaceae	*Cullen martinii*																						
Fabaceae	*Cullen pallidum*																						
Fabaceae	*Cullen pogonocarpum*																	+				+	
Fabaceae	*Cullen pustulatum*																						
Fabaceae	*Cullen* ?*pustulatum*																						
Fabaceae	*Cullen* sp. 1																						
Fabaceae	*Cullen* sp. 2																						
Fabaceae	*Cullen stipulaceum*																						
Fabaceae	*Dichrostachys spicata*																						
Fabaceae	*Erythrina vespertilio*																						
Fabaceae	*Glycine canescens*																						
Fabaceae	*Grona filiformis*																						
Fabaceae	*Indigastrum parviflorum*																						
Fabaceae	*Indigofera colutea*							+										+	+				
Fabaceae	*Indigofera deserticola*																						
Fabaceae	*Indigofera hirsuta*																						
Fabaceae	*Indigofera linifolia*							+			+								+				
Fabaceae	*Indigofera linnaei*																						
Fabaceae	*Indigofera monophylla*		+				+			+		+		+	+					+	+		
Fabaceae	*Indigofera rugosa*																						
Fabaceae	**Indigofera sessiliflora*																						
Fabaceae	*Indigofera* sp. 1																						
Fabaceae	*Indigofera* sp. 2																						
Fabaceae	*Indigofera* sp. 3																						
Fabaceae	*Indigofera trita*			+														+					
Fabaceae	*Indigofera trita* subsp. *trita*																						
Fabaceae	*Indigofera trita* ?subsp. *trita*																						
Fabaceae	*Isotropis atropurpurea*																						
Fabaceae	*Neptunia* sp.																						
Fabaceae	*Petalostylis labicheoides*								+								+						
Fabaceae	*Rhynchosia australis*																						
Fabaceae	*Rhynchosia minima*			+						+				+	+			+			+	+	
Fabaceae	*Rhynchosia* sp. 1																						
Fabaceae	*Rhynchosia* sp. 2																						
Fabaceae	*Rhynchosia* sp. 3																						
Fabaceae	*Rhynchosia* sp. 4																						
Fabaceae	*Rhynchosia* sp. 5																						
Fabaceae	*Rhynchosia* sp. 6																						
Fabaceae	*Senna artemisioides* subsp. *helmsii*				+																		

Family	Taxa	F019	F020	F021	F022	F023	F024	F025	K02	K03	K05	K06	K07	K08	K09	K10	K11	K13	K14	K15	K17	K18	K20
Fabaceae	*Senna artemisioides* subsp. *helmsii x oligophylla*																						
Fabaceae	*Senna artemisioides* subsp. *oligophylla*										+			+					+				
Fabaceae	*Senna ferraria*																						
Fabaceae	*Senna glaucifolia*																						
Fabaceae	*Senna glutinosa*				+																		
Fabaceae	*Senna* ? *glutinosa*																						
Fabaceae	*Senna glutinosa* subsp. *glutinosa*									+				+	+								
Fabaceae	*Senna glutinosa* subsp. *pruinosa*																						
Fabaceae	*Senna glutinosa* subsp. *x luerssenii*																						
Fabaceae	*Senna notabilis*	+													+			+		+	+	+	
Fabaceae	*Senna symonii*											+		+									
Fabaceae	*Senna venusta*																+						
Fabaceae	*Sesbania cannabina*	+															+						
Fabaceae	*Sesbania formosa*																						
Fabaceae	*Swainsona decurrens*																						
Fabaceae	*Swainsona formosa*										+												
Fabaceae	*Swainsona* ? *formosa*																						
Fabaceae	*Swainsona* sp. 1																						
Fabaceae	*Swainsona* sp. 2																						
Fabaceae	*Swainsona stenodonta*										+			+					+		+		
Fabaceae	*Templetonia hookeri*																						
Fabaceae	*Tephrosia clementii*																						
Fabaceae	*Tephrosia densa*																						
Fabaceae	*Tephrosia leptoclada*																						
Fabaceae	*Tephrosia rosea*																						
Fabaceae	*Tephrosia rosea* var. *clementii*														+		+						
Fabaceae	*Tephrosia rosea* ?var. *clementii*																						
Fabaceae	? *Tephrosia* sp.																						
Fabaceae	*Tephrosia* sp. 1																						
Fabaceae	*Tephrosia* sp. 2																						
Fabaceae	*Tephrosia* sp. B Kimberley Flora (C.A. Gardner 7300)										+												
Fabaceae	*Tephrosia* sp. Bungaroo Creek (M.E. Trudgen 11601)														+								
Fabaceae	*Tephrosia* sp. clay soils (S. van Leeuwen et al. PBS 0273)																						
Fabaceae	*Tephrosia* sp. D Kimberley Flora (R.D. Royce 1848)																						
Fabaceae	*Tephrosia* sp. Newman (A.A. Mitchell PRP 29)																						

Family	Taxa	F019	F020	F021	F022	F023	F024	F025	K02	K03	K05	K06	K07	K08	K09	K10	K11	K13	K14	K15	K17	K18	K20
Fabaceae	*Tephrosia* sp. *NW Eremaean (S. van Leeuwen et al. PBS 0356)*																			+	+	+	
Fabaceae	*Tephrosia supina*		+				+																
Fabaceae	*Tephrosia ? supina*																						
Fabaceae	*Tephrosia virens*																						
Fabaceae	*Tephrosia ? virens*																						
Fabaceae	* *Vachellia farnesiana* var. *farnesiana*	+																					
Fabaceae	*Vigna lanceolata* var. *lanceolata*																+						+
Fabaceae	*Vigna* sp. Hamersley Clay (A.A. Mitchell PRP 113)																						
Fabaceae	*Zornia albiflora*																						
Goodeniaceae	*Dampiera candicans*								+							+							
Goodeniaceae	*Dampiera* sp.																						
Goodeniaceae	*Goodenia armitiana*															+				+	+	+	
Goodeniaceae	*Goodenia cusackiana*							+															
Goodeniaceae	*Goodenia ? cusackiana*																						
Goodeniaceae	*Goodenia lamprosperma*																						
Goodeniaceae	*Goodenia microptera*																						
Goodeniaceae	*Goodenia muelleriana*									+									+			+	
Goodeniaceae	*Goodenia ? muelleriana*																						
Goodeniaceae	*Goodenia nuda*																						
Goodeniaceae	*Goodenia scaevolina*																						
Goodeniaceae	*Goodenia* sp. 1																						
Goodeniaceae	*Goodenia* sp. 2																						
Goodeniaceae	*Goodenia stobbsiana*								+														
Goodeniaceae	*Goodeniaceae* sp.																						
Goodeniaceae	*Scaevola amblyanthera* var. *centralis*																						
Goodeniaceae	*Scaevola ? amblyanthera* var. *centralis*																						
Goodeniaceae	*Scaevola browniana* subsp. *browniana*																						
Goodeniaceae	*Scaevola parvifolia*																						
Goodeniaceae	*Scaevola* sp.																						
Gyrostemonaceae	*Codonocarpus cotinifolius*																						
Haloragaceae	*Gonocarpus ephemerus*																						
Haloragaceae	*Haloragis ? gossei*	+		+																			
Haloragaceae	*Haloragis gossei* var. *gossei*																						
Haloragaceae	*Haloragis gossei* ?var. *gossei*																						
Haloragaceae	*Haloragis* sp. 1																						
Haloragaceae	*Haloragis* sp. 2																						
Lamiaceae	*Basilicum polystachyon*																						
Lamiaceae	*Clerodendrum floribundum* var. *angustifolium*	+		+	+																		
Lamiaceae	*Clerodendrum floribundum* var. *? angustifolium*																						

Family	Taxa	F019	F020	F021	F022	F023	F024	F025	K02	K03	K05	K06	K07	K08	K09	K10	K11	K13	K14	K15	K17	K18	K20
Lamiaceae	*Clerodendrum tomentosum* var. *lanceolatum*																						
Lamiaceae	*Clerodendrum tomentosum* var. *tomentosum*																						
Lamiaceae	*Quoya zonalis* **(T)**																						
Lauraceae	*Cassytha capillaris*																						
Lauraceae	*Cassytha filiformis*																						
Lauraceae	*Cassytha* sp. 1																						
Lauraceae	*Cassytha* sp. 2																						
Lauraceae	*Cassytha* sp. 3												+										
Loganiaceae	*Mitrasacme connata*											+											
Loranthaceae	*Lysiana casuarinae*																						
Lythraceae	*Ammannia baccifera*	+															+						
Lythraceae	*Ammannia multiflora*																						
Lythraceae	*Ammannia* sp. 1																						
Lythraceae	*Ammannia* sp. 2																						
Lythraceae	*Ammannia* sp. 3																						
Lythraceae	*Ammannia* sp. 4																						
Malvaceae	*Abutilon fraseri* subsp. *fraseri*																+						
Malvaceae	*Abutilon lepidum*																						
Malvaceae	*Abutilon* ? *leucopetalum*																						
Malvaceae	*Abutilon macrum*																						
Malvaceae	*Abutilon* sp. 1																						
Malvaceae	*Abutilon* sp. 2																						
Malvaceae	*Abutilon* sp. 3																						
Malvaceae	*Abutilon* sp. Dioicum (A.A. Mitchell PRP 1618)																						
Malvaceae	*Abutilon* sp. Pilbara (W.R. Barker 2025)																						
Malvaceae	*Brachychiton acuminatus*																						
Malvaceae	*Corchorus incanus*						+																
Malvaceae	*Corchorus* ? *incanus*																						
Malvaceae	*Corchorus incanus* subsp. *incanus*										+	+	+				+						
Malvaceae	*Corchorus* ? *incanus* subsp. *incanus*																						
Malvaceae	*Corchorus laniflorus*																			+			
Malvaceae	*Corchorus lasiocarpus* subsp. *lasiocarpus*																						
Malvaceae	*Corchorus parviflorus*		+				+	+						+	+				+	+	+	+	+
Malvaceae	*Corchorus* ? *parviflorus*																						
Malvaceae	*Corchorus* sp. 1																						
Malvaceae	*Corchorus* sp. 2																						
Malvaceae	*Corchorus tridens*																						
Malvaceae	*Corchorus trilocularis*																						
Malvaceae	*Corchorus walcottii*																						
Malvaceae	*Gossypium australe*		+				+			+					+							+	
Malvaceae	*Gossypium robinsonii*																						

Family	Taxa	F019	F020	F021	F022	F023	F024	F025	K02	K03	K05	K06	K07	K08	K09	K10	K11	K13	K14	K15	K17	K18	K20
Malvaceae	*Hibiscus austrinus* var. *austrinus*	+																					
Malvaceae	*Hibiscus brachychlaenus*																						
Malvaceae	*Hibiscus burtonii*																						
Malvaceae	*Hibiscus coatesii*																						
Malvaceae	*Hibiscus goldsworthii*				+																		
Malvaceae	*Hibiscus leptocladus*																						
Malvaceae	*Hibiscus sturtii*																						
Malvaceae	*Hibiscus* ? *sturtii*																						
Malvaceae	? *Hibiscus sturtii*																						
Malvaceae	*Hibiscus sturtii* var. *campylochlamys*																						
Malvaceae	*Hibiscus sturtii* var. *platychlamys*																						
Malvaceae	MALVACEAE sp. 1																						
Malvaceae	MALVACEAE sp. 2																						
Malvaceae	MALVACEAE sp. 3																						
Malvaceae	* *Malvastrum americanum*																						+
Malvaceae	*Melhania oblongifolia*																						
Malvaceae	*Seringia nephrosperma*																						
Malvaceae	*Sida arenicola*		+																				
Malvaceae	*Sida arsiniata*																						
Malvaceae	*Sida cardiophylla*								+											+	+		
Malvaceae	*Sida clementii*																						
Malvaceae	*Sida echinocarpa*														+						+		
Malvaceae	*Sida* ? *echinocarpa*																						
Malvaceae	*Sida fibulifera*																	+					
Malvaceae	*Sida* ? *fibulifera*																						
Malvaceae	*Sida macropoda*																						
Malvaceae	*Sida* ? *macropoda*																						
Malvaceae	*Sida platycalyx*																						
Malvaceae	*Sida rohlenae* subsp. *rohlenae*	+																					+
Malvaceae	*Sida* sp. 1																						
Malvaceae	*Sida* sp. 2																						
Malvaceae	*Sida* sp. 3																						
Malvaceae	*Sida* sp. articulation below (A.A. Mitchell PRP 1605)								+														
Malvaceae	*Sida* sp. Excedentifolia (J.L. Egan 1925)																						
Malvaceae	*Sida* sp. Pilbara (A.A. Mitchell PRP 1543)																			+			
Malvaceae	*Sida* sp. spiciform panicles (E. Leyland s.n. 14/8/90)																						
Malvaceae	*Sida spinosa*																						
Malvaceae	*Triumfetta appendiculata*																						
Malvaceae	*Triumfetta* ? *appendiculata*																						

Family	Taxa	F019	F020	F021	F022	F023	F024	F025	K02	K03	K05	K06	K07	K08	K09	K10	K11	K13	K14	K15	K17	K18	K20
Malvaceae	*Triumfetta chaetocarpa*	+																					+
Malvaceae	*Triumfetta clementii*																					+	
Malvaceae	*Triumfetta johnstonii*																						
Malvaceae	*Triumfetta leptacantha*																						
Malvaceae	*Triumfetta maconochieana*					+				+													
Malvaceae	*Triumfetta propinqua*									+										+	+	+	
Malvaceae	*Triumfetta ramosa*																						
Malvaceae	*Triumfetta* sp. 1																						
Malvaceae	*Triumfetta* sp. 2																						
Malvaceae	*Waltheria indica*																						
Malvaceae	*Waltheria virgata*																						
Marsileaceae	*Marsilea exarata*																						
Marsileaceae	*Marsilea hirsuta*																+						
Marsileaceae	*Marsilea* sp. 1																						
Marsileaceae	*Marsilea* sp. 2																						
Menispermaceae	*Tinospora smilacina*																						
Molluginaceae	*Hypertelis cerviana*																						
Molluginaceae	*Trigastrotheca molluginea*		+					+				+				+				+	+		
Montiaceae	*Calandrinia ptychosperma*																						
Montiaceae	*Calandrinia ? pumila*																						
Montiaceae	*Calandrinia ? stagnensis*											+											
Montiaceae	*Calandrinia tepperiana*	+															+						
Moraceae	*Ficus aculeata* var. *indecora*				+																		
Moraceae	*Ficus brachypoda*					+																	
Myrtaceae	*Corymbia candida* subsp. *candida*																						
Myrtaceae	*Corymbia ? candida* subsp. *candida*																						
Myrtaceae	*Corymbia flavescens*																						
Myrtaceae	*Corymbia hamersleyana*	+							+		+		+	+	+	+		+	+				
Myrtaceae	*Corymbia ? hamersleyana*		+			+																	
Myrtaceae	*? Corymbia hamersleyana*																						
Myrtaceae	*? Corymbia* sp.																						
Myrtaceae	*Corymbia* sp. 1																						
Myrtaceae	*Corymbia* sp. 2																						
Myrtaceae	*Corymbia* sp. 3																						
Myrtaceae	*Eucalyptus camaldulensis*																						
Myrtaceae	*Eucalyptus ? camaldulensis*																						
Myrtaceae	*Eucalyptus camaldulensis* subsp. *refulgens*																						
Myrtaceae	*Eucalyptus camaldulensis* ?subsp. *refulgens*																						
Myrtaceae	*Eucalyptus leucophloia*																						
Myrtaceae	*Eucalyptus leucophloia* subsp. *leucophloia*								+	+				+		+							
Myrtaceae	*Eucalyptus ? leucophloia* subsp. *leucophloia*																						

Family	Taxa	F019	F020	F021	F022	F023	F024	F025	K02	K03	K05	K06	K07	K08	K09	K10	K11	K13	K14	K15	K17	K18	K20
Myrtaceae	*Eucalyptus* sp. 1																						
Myrtaceae	*Eucalyptus* sp. 2																						
Myrtaceae	*Eucalyptus victrix*														+		+						+
Myrtaceae	*Melaleuca argentea*																						
Myrtaceae	*Melaleuca bracteata*																						
Myrtaceae	*Melaleuca glomerata*	+													+		+						+
Myrtaceae	*Melaleuca ? glomerata*																						
Myrtaceae	*Melaleuca linophylla*																+						
Myrtaceae	*Melaleuca ? linophylla*												+										
Nyctaginaceae	*Boerhavia burbidgeana*																+						
Nyctaginaceae	*Boerhavia coccinea*		+							+				+	+		+			+	+		+
Nyctaginaceae	*Boerhavia ? coccinea*																						
Nyctaginaceae	*Boerhavia gardneri*							+															
Nyctaginaceae	*Boerhavia* sp.																						
Oleaceae	*Jasminum didymum* subsp. *lineare*																						
Onagraceae	*Ludwigia perennis*																						
Papaveraceae	**Argemone ochroleuca* subsp. *ochroleuca*																+						
Pedaliaceae	*Josephinia eugeniae*																						
Pedaliaceae	*Josephinia* sp. Mt Edgar Station (N.T. Burbidge 1194)																			+			
Phyllanthaceae	*Cathetus* sp.																						
Phyllanthaceae	*Cathetus virgatus*																						
Phyllanthaceae	*Flueggea virosa* subsp. *melanthesoides*																+						
Phyllanthaceae	*Kirganelia baccata*																						
Phyllanthaceae	*Nellica maderaspatensis*														+		+						+
Phyllanthaceae	*Notoleptopus decaisnei*													+									+
Phyllanthaceae	*Phyllanthus hebecarpus* **(P3)**																						
Pittosporaceae	*Pittosporum angustifolium*																						
Plantaginaceae	*Stemodia grossa*												+		+		+						
Plantaginaceae	*Stemodia kingii*																						
Plantaginaceae	*Stemodia viscosa*																						
Poaceae	*Aristida burbidgeae*			+																			
Poaceae	*Aristida contorta*		+		+		+	+			+	+								+	+		
Poaceae	*? Aristida contorta*																						
Poaceae	*Aristida holathera* var. *holathera*		+								+	+									+		
Poaceae	*Aristida inaequiglumis*																						
Poaceae	**Cenchrus ciliaris*	+		+											+		+	+					+
Poaceae	**Cenchrus setiger*														+		+	+					+
Poaceae	*Cenchrus* sp.																						
Poaceae	**Chloris barbata*																						
Poaceae	*Chloris pumilio*																						

Family	Taxa	F019	F020	F021	F022	F023	F024	F025	K02	K03	K05	K06	K07	K08	K09	K10	K11	K13	K14	K15	K17	K18	K20
Poaceae	**Chloris virgata*																						
Poaceae	*Chrysopogon fallax*														+					+			
Poaceae	*Cymbopogon ambiguus*				+	+														+			
Poaceae	*Cymbopogon obtectus*														+		+						+
Poaceae	*Cymbopogon procerus*																						
Poaceae	*Cynodon convergens*																						
Poaceae	**Cynodon dactylon*																						
Poaceae	*Cynodon prostratus*																						
Poaceae	*Dactyloctenium radulans*																	+					
Poaceae	*Dichanthium fecundum*																						
Poaceae	*Dichanthium sericeum* subsp. *humilius*																						
Poaceae	*Digitaria brownii*																						
Poaceae	*Digitaria ctenantha*																						
Poaceae	*Diplachne fusca* subsp. *fusca*																+						
Poaceae	**Echinochloa colona*																						
Poaceae	*Enneapogon caerulescens*																				+		
Poaceae	*Enneapogon ?caerulescens*			+																			
Poaceae	*Enneapogon lindleyanus*														+								+
Poaceae	*Enneapogon polyphyllus*																			+	+		
Poaceae	*Enneapogon* sp.																						
Poaceae	*Eragrostis crateriformis* **(P3)**																						
Poaceae	*Eragrostis cumingii*														+		+						
Poaceae	*Eragrostis desertorum*																						
Poaceae	*Eragrostis dielsii*																						
Poaceae	*Eragrostis eriopoda*																		+	+	+		
Poaceae	*Eragrostis exigua*																						
Poaceae	**Eragrostis minor*																						
Poaceae	*Eragrostis olida*		+																				
Poaceae	*Eragrostis* sp. 1																						
Poaceae	*Eragrostis* sp. 2																						
Poaceae	*Eragrostis tenellula*																+						
Poaceae	*Eragrostis ?tenellula*																						
Poaceae	*Eriachne aristidea*																				+		
Poaceae	*Eriachne benthamii*																						
Poaceae	*Eriachne ciliata*									+		+											
Poaceae	*Eriachne flaccida*																						
Poaceae	*Eriachne helmsii*																						
Poaceae	*Eriachne melicacea*																						
Poaceae	*Eriachne mucronata*				+											+							
Poaceae	*Eriachne obtusa*																						
Poaceae	*Eriachne pulchella*																						

Family	Taxa	F019	F020	F021	F022	F023	F024	F025	K02	K03	K05	K06	K07	K08	K09	K10	K11	K13	K14	K15	K17	K18	K20
Poaceae	*Eriachne pulchella* subsp. *dominii*																						
Poaceae	*Eriachne pulchella* subsp. *pulchella*										+	+		+		+							
Poaceae	*Eriachne* sp. 1																						
Poaceae	*Eriachne* sp. 2											+			+		+						
Poaceae	*Eriachne* sp. 3									+													
Poaceae	*Eriachne* sp. 4																						+
Poaceae	*Eriachne* sp. Dugald River (B.K. Simon+ 3007)																						
Poaceae	*Eriachne tenuiculmis*																						
Poaceae	*Eulalia aurea*																						
Poaceae	*Iseilema dolichotrichum*																						
Poaceae	*Iseilema membranaceum*																						
Poaceae	*Panicum australiense*																						
Poaceae	*Panicum australiense* var. *australiense*																						
Poaceae	*Paraneurachne muelleri*																			+			
Poaceae	*Paspalidium basicladum*														+								
Poaceae	*Paspalidium clementii*																						
Poaceae	*Paspalidium jubiflorum*																						
Poaceae	*Paspalidium rarum*																						
Poaceae	*Perotis rara*																						
Poaceae	POACEAE sp. 1	+																					
Poaceae	POACEAE sp. 2																						
Poaceae	POACEAE sp. 3																						
Poaceae	*Schizachyrium fragile*																						
Poaceae	**Setaria verticillata*																						
Poaceae	*Sporobolus actinocladus*																						
Poaceae	*Sporobolus australasicus*												+		+	+	+	+					
Poaceae	*Sporobolus ramigerus*																						
Poaceae	*Themeda triandra*		+												+								
Poaceae	*Themeda ? triandra*																						
Poaceae	*Triodia angusta*																						
Poaceae	*Triodia ? angusta*																						
Poaceae	*Triodia brizoides*									+													
Poaceae	*Triodia ? brizoides*																						
Poaceae	*Triodia epactia*		+		+	+	+					+	+		+	+	+			+	+	+	
Poaceae	*Triodia ? epactia*				+																		
Poaceae	*Triodia lanigera*											+											
Poaceae	*Triodia longiceps*														+			+					
Poaceae	*Triodia secunda*																						
Poaceae	*Triodia wiseana*			+			+	+	+	+	+	+	+	+					+				+
Poaceae	*Triodia ? wiseana*																						
Poaceae	*Tripogonella loliiformis*																		+			+	

Family	Taxa	F019	F020	F021	F022	F023	F024	F025	K02	K03	K05	K06	K07	K08	K09	K10	K11	K13	K14	K15	K17	K18	K20
Poaceae	*Whiteochloa cymbiformis*																						
Polygalaceae	*Polygala glaucifolia*																						
Polygalaceae	*Polygala isingii*													+								+	
Polygalaceae	*Polygala* sp.																						
Portulacaceae	*Portulaca filifolia*																+						
Portulacaceae	*Portulaca oleracea*															+		+	+	+	+		+
Potamogetonaceae	*Potamogeton tepperi*																+						
Proteaceae	*Grevillea pyramidalis* subsp. *leucadendron*	+	+		+	+	+	+			+								+	+			+
Proteaceae	*Grevillea wickhamii*								+	+				+	+	+						+	+
Proteaceae	*Grevillea wickhamii* subsp. *aprica*																						
Proteaceae	*Grevillea wickhamii* subsp. *hispidula*																						
Proteaceae	*Hakea lorea* subsp. *lorea*						+	+	+					+	+							+	
Pteridaceae	*Cheilanthes sieberi* subsp. *Sieberi*																						
Pteridaceae	*Cheilanthes* sp.																						
Rubiaceae	*Dolichocarpa crouchiana*							+		+				+	+		+		+				
Rubiaceae	*Synaptantha tillaeacea* var. *tillaeacea*											+								+			
Sapindaceae	*Atalaya hemiglauca*														+		+						+
Sapindaceae	*Dodonaea coriacea*													+									
Scrophulariaceae	*Eremophila latrobei* subsp. *glabra*																						
Scrophulariaceae	*Eremophila latrobei* ?subsp. *glabra*																						
Scrophulariaceae	*Eremophila latrobei* subsp. *latrobei*																						
Scrophulariaceae	*Eremophila longifolia*														+								
Solanaceae	*Nicotiana benthamiana*																						
Solanaceae	*Nicotiana bilybara*																						
Solanaceae	*Nicotiana occidentalis*																						
Solanaceae	**Physalis angulata*	+															+						
Solanaceae	*Solanum ?centrale*																						
Solanaceae	*Solanum cleistogamum*																						
Solanaceae	*Solanum diversiflorum*														+			+			+		
Solanaceae	*Solanum gabrielae*																						
Solanaceae	*Solanum horridum*			+		+									+		+						+
Solanaceae	*Solanum lasiophyllum*									+				+									
Solanaceae	*Solanum lucani*																						
Solanaceae	**Solanum nigrum*																						
Solanaceae	*Solanum phlomoides*																		+	+	+	+	
Solanaceae	*Solanum ?phlomoides*																						
Solanaceae	*Solanum* sp.																						
Stylidiaceae	*Stylidium desertorum*																						
Typhaceae	*Typha domingensis*																						
Violaceae	*Afrohybanthus aurantiacus*										+				+								
Violaceae	*Afrohybanthus ?aurantiacus*																						

Family	Taxa	F019	F020	F021	F022	F023	F024	F025	K02	K03	K05	K06	K07	K08	K09	K10	K11	K13	K14	K15	K17	K18	K20
Violaceae	?*Afrohybanthus* sp.																						
Zygophyllaceae	*Tribulus hirsutus*							+							+			+		+			
Zygophyllaceae	*Tribulus occidentalis*																						
Zygophyllaceae	*Tribulus platypterus*													+									
Zygophyllaceae	*Tribulus* ?*platypterus*																						
Zygophyllaceae	*Tribulus suberosus*																						

Sites K21-MB009

Family	Taxa	K21	K22r	K23	K24	K25	K26	K27	K28	K29	K30	K31	K32	MB001	MB002	MB005	MB006	MB007	MB008	MB009
Acanthaceae	*Rostellularia adscendens* var. *clementii*																			
Aizoaceae	*Trianthema pilosum*																			
Aizoaceae	**Trianthema portulacastrum*																			
Aizoaceae	*Trianthema triquetrum*																			
Aizoaceae	*Trianthema turgidifolium*																			
Aizoaceae	*Zaleya galericulata* subsp. *galericulata*																			
Amaranthaceae	*Achyranthes aspera*																			
Amaranthaceae	**Aerva javanica*						+													
Amaranthaceae	*Alternanthera denticulata*																			
Amaranthaceae	*Alternanthera denticulata* var. *denticulata*						+													
Amaranthaceae	*Alternanthera nana*																			
Amaranthaceae	*Amaranthus cuspidifolius*																			
Amaranthaceae	*Amaranthus undulatus*						+													
Amaranthaceae	*Gomphrena canescens*																			
Amaranthaceae	*Gomphrena cunninghamii*														+					
Amaranthaceae	*Gomphrena kanisii*																			
Amaranthaceae	*Gomphrena lanata*																			
Amaranthaceae	*Gomphrena leptoclada* subsp. *leptoclada*																			
Amaranthaceae	*Ptilotus astrolasius*																			
Amaranthaceae	*Ptilotus auriculifolius*	+	+			+		+					+							
Amaranthaceae	*Ptilotus axillaris*							+												
Amaranthaceae	*Ptilotus calostachyus*									+				+			+			
Amaranthaceae	*Ptilotus clementii*																			
Amaranthaceae	*Ptilotus exaltatus*																+			
Amaranthaceae	*Ptilotus fusiformis*														+					
Amaranthaceae	*Ptilotus gomphrenoides*																			
Amaranthaceae	*Ptilotus incanus*																			
Amaranthaceae	*Ptilotus mollis* **(P4)**																			
Amaranthaceae	*Ptilotus obovatus*																+			
Amaranthaceae	*Ptilotus* sp.																			
Amaranthaceae	*? Ptilotus* sp.																			
Apocynaceae	**Calotropis procera*																			
Apocynaceae	*Carissa lanceolata*																			
Apocynaceae	*Cynanchum floribundum*																			
Apocynaceae	*Cynanchum viminale* subsp. *australe*																			
Apocynaceae	*Gymnanthera cunninghamii* **(P3)**																			
Apocynaceae	*Gymnema erectum*																			
Apocynaceae	*Vincetoxicum flexuosum*																			
Araliaceae	*Trachymene oleracea*																			

Family	Taxa	K21	K22r	K23	K24	K25	K26	K27	K28	K29	K30	K31	K32	MB001	MB002	MB005	MB006	MB007	MB008	MB009
Araliaceae	*Trachymene oleracea* subsp. *oleracea*	+											+							
Araliaceae	*Trachymene pilbarensis*																			
Asteraceae	*Blumea tenella*																			
Asteraceae	*Centipeda minima* subsp. *macrocephala*																			
Asteraceae	*Chrysocephalum apiculatum* subsp. *pilbarense*																			
Asteraceae	*Chrysocephalum* sp.																			
Asteraceae	**Flaveria trinervia*																			
Asteraceae	*Olearia fluvialis*																			
Asteraceae	*Pentalepis trichodesmoides* subsp. *trichodesmoides*																			
Asteraceae	*Pluchea dentex*																	+		
Asteraceae	*Pluchea ferdinandi-muelleri*					+	+				+	+								
Asteraceae	*Pluchea rubelliflora*						+													
Asteraceae	*?Pluchea rubelliflora*																			
Asteraceae	*Pluchea tetranthera*										+									
Asteraceae	*Pterocaulon serrulatum* var. *velutinum*	+						+					+							
Asteraceae	*Pterocaulon sphacelatum*																			
Asteraceae	**Sonchus oleraceus*																			
Asteraceae	*Streptoglossa ?bubakii*																			
Asteraceae	*Streptoglossa decurrens*							+			+									
Asteraceae	*Streptoglossa ?decurrens*																			
Asteraceae	*Vittadinia dissecta* var. *hirta*																			
Bixaceae	*Cochlospermum macnamarae* **(P1)**																			
Boraginaceae	*Ehretia saligna* var. *saligna*																			
Boraginaceae	*Euploca chrysocarpa*																			
Boraginaceae	*Euploca ?chrysocarpa*																			
Boraginaceae	*Euploca conocarpa*																			
Boraginaceae	*Euploca cunninghamii*	+						+												
Boraginaceae	*Euploca ?cunninghamii*																			
Boraginaceae	*Euploca heterantha*																			
Boraginaceae	*Euploca pachyphylla*							+												
Boraginaceae	*Euploca ?pachyphylla*																			
Boraginaceae	*Euploca skeleton*																			
Boraginaceae	*Euploca tanythrix*							+		+										
Boraginaceae	*Euploca tenuifolia*	+					+													
Boraginaceae	*Heliotropium crispatum*		+																	
Boraginaceae	*Heliotropium murinum* **(P3)**							+												
Boraginaceae	*Heliotropium ?murinum* **(P3)**																			
Boraginaceae	*Heliotropium* sp. 1																			
Boraginaceae	*Heliotropium* sp. 2																			
Boraginaceae	*Trichodesma zeylanicum*																			

Family	Taxa	K21	K22r	K23	K24	K25	K26	K27	K28	K29	K30	K31	K32	MB001	MB002	MB005	MB006	MB007	MB008	MB009
Boraginaceae	*Trichodesma zeylanicum* var. *zeylanicum*																			
Brassicaceae	*Lepidium pedicellosum*																			
Byblidaceae	*Byblis pilbarana*																			
Campanulaceae	*Wahlenbergia tumidifructa*																			
Capparaceae	*Capparis spinosa* subsp. *nummularia*																			
Caryophyllaceae	*Polycarpaea corymbosa* var. *corymbosa*																			
Caryophyllaceae	*Polycarpaea holtzei*							+		+					+					
Caryophyllaceae	*Polycarpaea longiflora*																	+		+
Celastraceae	*Stackhousia intermedia*																			
Celastraceae	*Stackhousia ? intermedia*														+					
Celastraceae	*Stackhousia muricata*	+																		
Chenopodiaceae	*Dysphania kalpari*												+							
Chenopodiaceae	*Dysphania plantaginella*																			
Chenopodiaceae	*Dysphania rhadinostachya*																			
Chenopodiaceae	*Dysphania rhadinostachya* subsp. *inflata*																			
Chenopodiaceae	*Dysphania rhadinostachya* subsp. *rhadinostachya*																			
Chenopodiaceae	*Dysphania* sp.																			
Chenopodiaceae	? *Dysphania* sp.																			
Chenopodiaceae	*Dysphania sphaerosperma*						+													
Chenopodiaceae	*Sclerolaena costata*																			
Chenopodiaceae	*Sclerolaena densiflora*																			
Chenopodiaceae	*Sclerolaena hostilis*																			
Cleomaceae	*Arivela viscosa*	+	+	+		+	+	+		+	+		+		+			+		
Combretaceae	*Terminalia circumalata*																	+		
Combretaceae	*Terminalia* sp.																			
Combretaceae	? *Terminalia* sp. 1																			
Combretaceae	? *Terminalia* sp. 2																			
Combretaceae	? *Terminalia* sp. 3																			
Combretaceae	? *Terminalia* sp. 4																			
Commelinaceae	*Commelina ensifolia*																			
Convolvulaceae	*Bonamia alatisemina*																			
Convolvulaceae	*Bonamia ? alatisemina*																			
Convolvulaceae	*Bonamia erecta*								+											
Convolvulaceae	*Bonamia linearis*																			
Convolvulaceae	*Bonamia media*					+														
Convolvulaceae	*Bonamia ? media*																			
Convolvulaceae	*Bonamia pannosa*												+							
Convolvulaceae	*Bonamia pilbarensis*	+	+													+				
Convolvulaceae	*Bonamia ? pilbarensis*																			
Convolvulaceae	*Bonamia* sp. 1																			

Family	Taxa	K21	K22r	K23	K24	K25	K26	K27	K28	K29	K30	K31	K32	MB001	MB002	MB005	MB006	MB007	MB008	MB009
Convolvulaceae	*Bonamia* sp. 2																			
Convolvulaceae	*Evolvulus alsinoides*																			
Convolvulaceae	*Evolvulus alsinoides* var. *villosicalyx*		+			+			+	+			+							
Convolvulaceae	*Ipomoea coptica*																			
Convolvulaceae	*Ipomoea lonchophylla*																			
Convolvulaceae	*Ipomoea muelleri*						+											+		
Convolvulaceae	*Ipomoea polymorpha*																			
Convolvulaceae	*Operculina aequisepala*		+																	
Convolvulaceae	*Polymeria ambigua*		+	+				+		+			+				+			
Convolvulaceae	*Polymeria calycina*																			
Convolvulaceae	*Polymeria lanata*																			
Convolvulaceae	*Polymeria mollis*																			
Convolvulaceae	*Polymeria ? mollis*																			
Cucurbitaceae	*Austrobryonia pilbarensis*																			
Cucurbitaceae	**Citrullus colocynthis*																			
Cucurbitaceae	*Cucumis melo*												+							
Cucurbitaceae	**Cucumis myriocarpus* subsp. *myriocarpus*						+													
Cucurbitaceae	*Cucumis* sp. Chichester Range (A.A. Mitchell et al. AAM 10691)																			
Cucurbitaceae	*Cucumis variabilis*					+	+		+				+							
Cucurbitaceae	*Trichosanthes cucumerina* var. *cucumerina*																			
Cyperaceae	*Bulbostylis barbata*				+	+	+	+	+	+	+		+		+	+	+			
Cyperaceae	*Bulbostylis burbidgeae* **(P4)**																			
Cyperaceae	*Bulbostylis turbinata*																			
Cyperaceae	*Cyperus bifax*																			
Cyperaceae	*Cyperus bulbosus*																			
Cyperaceae	*Cyperus cunninghamii* subsp. *cunninghamii*																			
Cyperaceae	*Cyperus dactylotes*																			
Cyperaceae	*Cyperus difformis*																			
Cyperaceae	*Cyperus hesperius*																			
Cyperaceae	*Cyperus ixiocarpus*																			
Cyperaceae	*Cyperus microcephalus* subsp. *microcephalus*																			
Cyperaceae	*Cyperus* sp. 1																			
Cyperaceae	*Cyperus* sp. 2																			
Cyperaceae	*Cyperus squarrosus*																			
Cyperaceae	*Cyperus vaginatus*		+	+			+													
Cyperaceae	*Fimbristylis dichotoma*																			
Cyperaceae	*Fimbristylis elegans*																			
Cyperaceae	*Fimbristylis simulans*															+				
Cyperaceae	*Fimbristylis* sp.				+	+														
Cyperaceae	*Fuirena ciliaris*																			

Family	Taxa	K21	K22r	K23	K24	K25	K26	K27	K28	K29	K30	K31	K32	MB001	MB002	MB005	MB006	MB007	MB008	MB009
Elatinaceae	*Bergia pedicellaris*																			
Euphorbiaceae	*Adriana tomentosa*																			
Euphorbiaceae	*Adriana tomentosa* var. *tomentosa*																			
Euphorbiaceae	*Adriana tomentosa* ?var. *tomentosa*																			
Euphorbiaceae	*Euphorbia ? australis*																			
Euphorbiaceae	*Euphorbia australis* var. *subtomentosa*		+	+		+	+	+	+		+	+	+					+		
Euphorbiaceae	*Euphorbia biconvexa*																			
Euphorbiaceae	*Euphorbia boophthona*																			
Euphorbiaceae	*Euphorbia careyi*																			
Euphorbiaceae	*Euphorbia coghlanii*		+				+					+								
Euphorbiaceae	*Euphorbia inappendiculata* var. *inappendiculata* **(P3)**																			
Euphorbiaceae	*Euphorbia* sp. 1																			
Euphorbiaceae	*Euphorbia* sp. 2																			
Euphorbiaceae	*Euphorbia tannensis* subsp. *eremophila*			+																
Euphorbiaceae	*Euphorbia ? tannensis* subsp. *eremophila*																			
Euphorbiaceae	*Euphorbia trigonosperma*																			
Euphorbiaceae	*Mallotus nesophilus*																			
Fabaceae	*Acacia acradenia*													+					+	+
Fabaceae	*Acacia adoxa* var. *adoxa*														+	+	+			
Fabaceae	*Acacia adsurgens*																			
Fabaceae	*Acacia ampliceps*																			
Fabaceae	*Acacia ampliceps x sclerosperma* subsp. *sclerosperma*																			
Fabaceae	*Acacia ancistrocarpa*					+			+	+										
Fabaceae	*Acacia aptaneura*																			
Fabaceae	*Acacia arida*													+			+			
Fabaceae	*Acacia bivenosa*	+																		
Fabaceae	*Acacia ? bivenosa*																			
Fabaceae	*Acacia colei*																			
Fabaceae	*Acacia colei* var. *colei*								+									+		
Fabaceae	*Acacia colei* ?var. *colei*																			
Fabaceae	*Acacia coriacea* subsp. *pendens*																			
Fabaceae	*Acacia elachantha*																			
Fabaceae	*Acacia eriopoda*		+				+													
Fabaceae	*Acacia eriopoda x trachycarpa*																			
Fabaceae	*Acacia hilliana*															+	+			
Fabaceae	*Acacia holosericea*												+							
Fabaceae	*Acacia inaequilatera*				+	+		+	+	+	+	+	+							+
Fabaceae	*Acacia levata* **(P3)**																			
Fabaceae	*Acacia maitlandii*																			

Family	Taxa	K21	K22r	K23	K24	K25	K26	K27	K28	K29	K30	K31	K32	MB001	MB002	MB005	MB006	MB007	MB008	MB009
Fabaceae	*Acacia monticola*																			
Fabaceae	*Acacia orthocarpa*	+			+													+		
Fabaceae	*Acacia pruinocarpa*																			
Fabaceae	*Acacia ptychophylla*													+						
Fabaceae	*Acacia pyrifolia*																			
Fabaceae	*Acacia pyrifolia* var. *morrisonii*																			
Fabaceae	*Acacia pyrifolia* var. *pyrifolia*		+	+		+	+											+		
Fabaceae	*Acacia retivenea* subsp. *clandestina*																			
Fabaceae	*Acacia sericophylla*																			
Fabaceae	*Acacia sibirica*																			
Fabaceae	*Acacia* sp. 1																			
Fabaceae	*Acacia* sp. 2																			
Fabaceae	*Acacia* sp. 3																			
Fabaceae	*Acacia* sp. 4																			
Fabaceae	*Acacia* sp. 5																			
Fabaceae	*Acacia* sp. 6																			
Fabaceae	*Acacia* sp. 7																			
Fabaceae	*Acacia* sp. 8																			
Fabaceae	*Acacia* sp. 9																			
Fabaceae	*Acacia sphaerostachya*																			
Fabaceae	*Acacia spondylophylla*														+					
Fabaceae	*Acacia stellaticeps*																+			
Fabaceae	*Acacia synchronicia*																			
Fabaceae	*Acacia trachycarpa*		+				+						+					+		
Fabaceae	*Acacia trachycarpa x tumida* var. *pilbarensis*																			
Fabaceae	*Acacia tumida* var. *pilbarensis*													+						
Fabaceae	*Acacia victoriae* subsp. *victoriae*																			
Fabaceae	*Alysicarpus muelleri*		+				+	+					+							
Fabaceae	*Cajanus cinereus*																	+	+	
Fabaceae	*Cajanus ? cinereus*																			
Fabaceae	*Cajanus pubescens*								+	+										
Fabaceae	*Cajanus* sp. 1																			
Fabaceae	*Cajanus* sp. 2																			
Fabaceae	*Cajanus* sp. 3																			
Fabaceae	*Crotalaria cunninghamii* subsp. *sturtii*						+													
Fabaceae	*Crotalaria ? cunninghamii* subsp. *sturtii*																			
Fabaceae	*Crotalaria medicaginea* var. *neglecta*			+		+							+							
Fabaceae	*Crotalaria novae-hollandiae* subsp. *novae-hollandiae*																			
Fabaceae	*Cullen lachnostachys*		+			+														
Fabaceae	*Cullen leucanthum*					+			+											

Family	Taxa	K21	K22r	K23	K24	K25	K26	K27	K28	K29	K30	K31	K32	MB001	MB002	MB005	MB006	MB007	MB008	MB009
Fabaceae	*Cullen leucochaites*																			
Fabaceae	*Cullen martinii*																			
Fabaceae	*Cullen pallidum*																			
Fabaceae	*Cullen pogonocarpum*					+		+					+							
Fabaceae	*Cullen pustulatum*																			
Fabaceae	*Cullen ?pustulatum*																			
Fabaceae	*Cullen* sp. 1																			
Fabaceae	*Cullen* sp. 2																			
Fabaceae	*Cullen stipulaceum*								+											
Fabaceae	*Dichrostachys spicata*						+													
Fabaceae	*Erythrina vespertilio*																			
Fabaceae	*Glycine canescens*																			
Fabaceae	*Grona filiformis*																			
Fabaceae	*Indigastrum parviflorum*																			
Fabaceae	*Indigofera colutea*					+	+	+					+							
Fabaceae	*Indigofera deserticola*	+			+															
Fabaceae	*Indigofera hirsuta*																			
Fabaceae	*Indigofera linifolia*		+	+				+			+	+	+							
Fabaceae	*Indigofera linnaei*												+							
Fabaceae	*Indigofera monophylla*					+				+					+					+
Fabaceae	*Indigofera rugosa*										+	+								
Fabaceae	**Indigofera sessiliflora*																			
Fabaceae	*Indigofera* sp. 1																			
Fabaceae	*Indigofera* sp. 2																			
Fabaceae	*Indigofera* sp. 3																			
Fabaceae	*Indigofera trita*																			
Fabaceae	*Indigofera trita* subsp. *trita*																			
Fabaceae	*Indigofera trita* ?subsp. *trita*																			
Fabaceae	*Isotropis atropurpurea*															+				
Fabaceae	*Neptunia* sp.																			
Fabaceae	*Petalostylis labicheoides*						+										+			
Fabaceae	*Rhynchosia australis*																			
Fabaceae	*Rhynchosia minima*		+	+				+					+							
Fabaceae	*Rhynchosia* sp. 1																			
Fabaceae	*Rhynchosia* sp. 2																			
Fabaceae	*Rhynchosia* sp. 3																			
Fabaceae	*Rhynchosia* sp. 4																			
Fabaceae	*Rhynchosia* sp. 5																			
Fabaceae	*Rhynchosia* sp. 6																			
Fabaceae	*Senna artemisioides* subsp. *helmsii*																			

Family	Taxa	K21	K22r	K23	K24	K25	K26	K27	K28	K29	K30	K31	K32	MB001	MB002	MB005	MB006	MB007	MB008	MB009
Fabaceae	*Senna artemisioides* subsp. *helmsii x oligophylla*																			
Fabaceae	*Senna artemisioides* subsp. *oligophylla*																			
Fabaceae	*Senna ferraria*																			
Fabaceae	*Senna glaucifolia*																			
Fabaceae	*Senna glutinosa*													+						+
Fabaceae	*Senna* ? *glutinosa*																			
Fabaceae	*Senna glutinosa* subsp. *glutinosa*			+	+												+			
Fabaceae	*Senna glutinosa* subsp. *pruinosa*																			
Fabaceae	*Senna glutinosa* subsp. *x luerssenii*																			
Fabaceae	*Senna notabilis*		+			+		+	+				+		+					
Fabaceae	*Senna symonii*	+														+	+			
Fabaceae	*Senna venusta*																			
Fabaceae	*Sesbania cannabina*		+				+													
Fabaceae	*Sesbania formosa*																			
Fabaceae	*Swainsona decurrens*																			
Fabaceae	*Swainsona formosa*		+																	
Fabaceae	*Swainsona* ? *formosa*																			
Fabaceae	*Swainsona* sp. 1																			
Fabaceae	*Swainsona* sp. 2																			
Fabaceae	*Swainsona stenodonta*	+	+		+						+									
Fabaceae	*Templetonia hookeri*																			
Fabaceae	*Tephrosia clementii*																			
Fabaceae	*Tephrosia densa*																			
Fabaceae	*Tephrosia leptoclada*																			
Fabaceae	*Tephrosia rosea*																			
Fabaceae	*Tephrosia rosea* var. *clementii*															+		+		
Fabaceae	*Tephrosia rosea* ?var. *clementii*																			
Fabaceae	? *Tephrosia* sp.																			
Fabaceae	*Tephrosia* sp. 1																			
Fabaceae	*Tephrosia* sp. 2									+										
Fabaceae	*Tephrosia* sp. B Kimberley Flora (C.A. Gardner 7300)																	+		
Fabaceae	*Tephrosia* sp. Bungaroo Creek (M.E. Trudgen 11601)			+						+										
Fabaceae	*Tephrosia* sp. clay soils (S. van Leeuwen et al. PBS 0273)																			
Fabaceae	*Tephrosia* sp. D Kimberley Flora (R.D. Royce 1848)																			
Fabaceae	*Tephrosia* sp. Newman (A.A. Mitchell PRP 29)							+		+										

Family	Taxa	K21	K22r	K23	K24	K25	K26	K27	K28	K29	K30	K31	K32	MB001	MB002	MB005	MB006	MB007	MB008	MB009
Fabaceae	*Tephrosia* sp. *NW Eremaean (S. van Leeuwen et al. PBS 0356)*		+					+					+							
Fabaceae	*Tephrosia supina*																	+		+
Fabaceae	*Tephrosia* ? *supina*																			
Fabaceae	*Tephrosia virens*																			
Fabaceae	*Tephrosia* ? *virens*																			
Fabaceae	* *Vachellia farnesiana* var. *farnesiana*																			
Fabaceae	*Vigna lanceolata* var. *lanceolata*						+													
Fabaceae	*Vigna* sp. Hamersley Clay (A.A. Mitchell PRP 113)																			
Fabaceae	*Zornia albiflora*																			
Goodeniaceae	*Dampiera candicans*														+					+
Goodeniaceae	*Dampiera* sp.																			
Goodeniaceae	*Goodenia armitiana*					+		+		+			+							
Goodeniaceae	*Goodenia cusackiana*																	+		
Goodeniaceae	*Goodenia* ? *cusackiana*																			
Goodeniaceae	*Goodenia lamprosperma*																			
Goodeniaceae	*Goodenia microptera*																			
Goodeniaceae	*Goodenia muelleriana*												+							
Goodeniaceae	*Goodenia* ? *muelleriana*																			
Goodeniaceae	*Goodenia nuda*																			
Goodeniaceae	*Goodenia scaevolina*																			
Goodeniaceae	*Goodenia* sp. 1																			
Goodeniaceae	*Goodenia* sp. 2																			
Goodeniaceae	*Goodenia stobbsiana*													+	+	+	+			
Goodeniaceae	*Goodeniaceae* sp.																			
Goodeniaceae	*Scaevola amblyanthera* var. *centralis*	+																		
Goodeniaceae	*Scaevola* ? *amblyanthera* var. *centralis*																			
Goodeniaceae	*Scaevola browniana* subsp. *browniana*																			
Goodeniaceae	*Scaevola parvifolia*																			
Goodeniaceae	*Scaevola* sp.																			
Gyrostemonaceae	*Codonocarpus cotinifolius*																			
Haloragaceae	*Gonocarpus ephemerus*																			
Haloragaceae	*Haloragis* ? *gossei*																			
Haloragaceae	*Haloragis gossei* var. *gossei*																			
Haloragaceae	*Haloragis gossei* ?var. *gossei*																			
Haloragaceae	*Haloragis* sp. 1																			
Haloragaceae	*Haloragis* sp. 2																			
Lamiaceae	*Basilicum polystachyon*																			
Lamiaceae	*Clerodendrum floribundum* var. *angustifolium*																			
Lamiaceae	*Clerodendrum floribundum* var. ? *angustifolium*																			

Family	Taxa	K21	K22r	K23	K24	K25	K26	K27	K28	K29	K30	K31	K32	MB001	MB002	MB005	MB006	MB007	MB008	MB009
Lamiaceae	*Clerodendrum tomentosum* var. *lanceolatum*																			
Lamiaceae	*Clerodendrum tomentosum* var. *tomentosum*																			
Lamiaceae	*Quoya zonalis* **(T)**																			
Lauraceae	*Cassytha capillaris*																+			
Lauraceae	*Cassytha filiformis*																			
Lauraceae	*Cassytha* sp. 1																			
Lauraceae	*Cassytha* sp. 2																			
Lauraceae	*Cassytha* sp. 3	+																		
Loganiaceae	*Mitrasacme connata*																			
Loranthaceae	*Lysiana casuarinae*																			
Lythraceae	*Ammannia baccifera*																			
Lythraceae	*Ammannia multiflora*																			
Lythraceae	*Ammannia* sp. 1																			
Lythraceae	*Ammannia* sp. 2																			
Lythraceae	*Ammannia* sp. 3																			
Lythraceae	*Ammannia* sp. 4																			
Malvaceae	*Abutilon fraseri* subsp. *fraseri*																			
Malvaceae	*Abutilon lepidum*			+		+		+	+			+	+					+		
Malvaceae	*Abutilon ? leucopetalum*																			
Malvaceae	*Abutilon macrum*																			
Malvaceae	*Abutilon* sp. 1																		+	
Malvaceae	*Abutilon* sp. 2																			
Malvaceae	*Abutilon* sp. 3																			
Malvaceae	*Abutilon* sp. Dioicum (A.A. Mitchell PRP 1618)																			
Malvaceae	*Abutilon* sp. Pilbara (W.R. Barker 2025)																			
Malvaceae	*Brachychiton acuminatus*																			
Malvaceae	*Corchorus incanus*																			
Malvaceae	*Corchorus ? incanus*																			
Malvaceae	*Corchorus incanus* subsp. *incanus*												+							
Malvaceae	*Corchorus ? incanus* subsp. *incanus*																			
Malvaceae	*Corchorus laniflorus*																			
Malvaceae	*Corchorus lasiocarpus* subsp. *lasiocarpus*																			
Malvaceae	*Corchorus parviflorus*	+		+		+	+	+		+	+	+	+		+		+	+		+
Malvaceae	*Corchorus ? parviflorus*																		+	
Malvaceae	*Corchorus* sp. 1																			
Malvaceae	*Corchorus* sp. 2																			
Malvaceae	*Corchorus tridens*																			
Malvaceae	*Corchorus trilocularis*																			
Malvaceae	*Corchorus walcottii*																			
Malvaceae	*Gossypium australe*			+		+		+	+	+	+		+							+
Malvaceae	*Gossypium robinsonii*																			

Family	Taxa	K21	K22r	K23	K24	K25	K26	K27	K28	K29	K30	K31	K32	MB001	MB002	MB005	MB006	MB007	MB008	MB009
Malvaceae	*Hibiscus austrinus* var. *austrinus*						+													
Malvaceae	*Hibiscus brachychlaenus*																			
Malvaceae	*Hibiscus burtonii*																			
Malvaceae	*Hibiscus coatesii*																			
Malvaceae	*Hibiscus goldsworthii*																			
Malvaceae	*Hibiscus leptocladus*																			
Malvaceae	*Hibiscus sturtii*																			
Malvaceae	*Hibiscus* ? *sturtii*																			
Malvaceae	? *Hibiscus sturtii*																			
Malvaceae	*Hibiscus sturtii* var. *campylochlamys*																			
Malvaceae	*Hibiscus sturtii* var. *platychlamys*																			
Malvaceae	MALVACEAE sp. 1																			
Malvaceae	MALVACEAE sp. 2																			
Malvaceae	MALVACEAE sp. 3																			
Malvaceae	* *Malvastrum americanum*																			
Malvaceae	*Melhania oblongifolia*																			
Malvaceae	*Seringia nephrosperma*																			
Malvaceae	*Sida arenicola*																			
Malvaceae	*Sida arsiniata*																			
Malvaceae	*Sida cardiophylla*																			
Malvaceae	*Sida clementii*																			
Malvaceae	*Sida echinocarpa*												+							
Malvaceae	*Sida* ? *echinocarpa*																			
Malvaceae	*Sida fibulifera*																			
Malvaceae	*Sida* ? *fibulifera*																			
Malvaceae	*Sida macropoda*																			
Malvaceae	*Sida* ? *macropoda*														+					
Malvaceae	*Sida platycalyx*																			
Malvaceae	*Sida rohlenae* subsp. *rohlenae*								+											
Malvaceae	*Sida* sp. 1																			
Malvaceae	*Sida* sp. 2																			
Malvaceae	*Sida* sp. 3																			
Malvaceae	*Sida* sp. articulation below (A.A. Mitchell PRP 1605)																			
Malvaceae	*Sida* sp. Excedentifolia (J.L. Egan 1925)																			
Malvaceae	*Sida* sp. Pilbara (A.A. Mitchell PRP 1543)												+							
Malvaceae	*Sida* sp. spiciform panicles (E. Leyland s.n. 14/8/90)																			
Malvaceae	*Sida spinosa*																			
Malvaceae	*Triumfetta appendiculata*																		+	
Malvaceae	*Triumfetta* ? *appendiculata*																			

Family	Taxa	K21	K22r	K23	K24	K25	K26	K27	K28	K29	K30	K31	K32	MB001	MB002	MB005	MB006	MB007	MB008	MB009
Malvaceae	*Triumfetta chaetocarpa*						+	+	+						+					
Malvaceae	*Triumfetta clementii*	+																		
Malvaceae	*Triumfetta johnstonii*																			
Malvaceae	*Triumfetta leptacantha*																			
Malvaceae	*Triumfetta maconochieana*														+					+
Malvaceae	*Triumfetta propinqua*												+							
Malvaceae	*Triumfetta ramosa*																			
Malvaceae	*Triumfetta* sp. 1																			
Malvaceae	*Triumfetta* sp. 2																			
Malvaceae	*Waltheria indica*						+						+							
Malvaceae	*Waltheria virgata*																			
Marsileaceae	*Marsilea exarata*																			
Marsileaceae	*Marsilea hirsuta*																			
Marsileaceae	*Marsilea* sp. 1																			
Marsileaceae	*Marsilea* sp. 2																			
Menispermaceae	*Tinospora smilacina*																		+	
Molluginaceae	*Hypertelis cerviana*																			
Molluginaceae	*Trigastrotheca molluginea*		+			+		+		+			+			+	+			
Montiaceae	*Calandrinia ptychosperma*																			
Montiaceae	*Calandrinia ? pumila*																			
Montiaceae	*Calandrinia ? stagnensis*																			
Montiaceae	*Calandrinia tepperiana*						+													
Moraceae	*Ficus aculeata* var. *indecora*																			
Moraceae	*Ficus brachypoda*																			
Myrtaceae	*Corymbia candida* subsp. *candida*																			
Myrtaceae	*Corymbia ? candida* subsp. *candida*																			
Myrtaceae	*Corymbia flavescens*																			
Myrtaceae	*Corymbia hamersleyana*	+			+															+
Myrtaceae	*Corymbia ? hamersleyana*														+					
Myrtaceae	*? Corymbia hamersleyana*																			
Myrtaceae	*? Corymbia* sp.																			
Myrtaceae	*Corymbia* sp. 1																			
Myrtaceae	*Corymbia* sp. 2																			
Myrtaceae	*Corymbia* sp. 3																			
Myrtaceae	*Eucalyptus camaldulensis*		+	+																
Myrtaceae	*Eucalyptus ? camaldulensis*																			
Myrtaceae	*Eucalyptus camaldulensis* subsp. *refulgens*						+											+		
Myrtaceae	*Eucalyptus camaldulensis* ?subsp. *refulgens*																			
Myrtaceae	*Eucalyptus leucophloia*																			
Myrtaceae	*Eucalyptus leucophloia* subsp. *leucophloia*													+						
Myrtaceae	*Eucalyptus ? leucophloia* subsp. *leucophloia*														+					

Family	Taxa	K21	K22r	K23	K24	K25	K26	K27	K28	K29	K30	K31	K32	MB001	MB002	MB005	MB006	MB007	MB008	MB009
Myrtaceae	*Eucalyptus* sp. 1																			
Myrtaceae	*Eucalyptus* sp. 2																			
Myrtaceae	*Eucalyptus victrix*																			
Myrtaceae	*Melaleuca argentea*																			
Myrtaceae	*Melaleuca bracteata*																			
Myrtaceae	*Melaleuca glomerata*		+	+			+											+		
Myrtaceae	*Melaleuca ? glomerata*																			
Myrtaceae	*Melaleuca linophylla*						+											+		
Myrtaceae	*Melaleuca ? linophylla*																			
Nyctaginaceae	*Boerhavia burbidgeana*																			
Nyctaginaceae	*Boerhavia coccinea*			+	+	+	+	+										+		
Nyctaginaceae	*Boerhavia ? coccinea*																			
Nyctaginaceae	*Boerhavia gardneri*																			
Nyctaginaceae	*Boerhavia* sp.																			
Oleaceae	*Jasminum didymum* subsp. *lineare*																			
Onagraceae	*Ludwigia perennis*																			
Papaveraceae	**Argemone ochroleuca* subsp. *ochroleuca*						+													
Pedaliaceae	*Josephinia eugeniae*																			
Pedaliaceae	*Josephinia* sp. Mt Edgar Station (N.T. Burbidge 1194)		+						+				+							
Phyllanthaceae	*Cathetus* sp.																			
Phyllanthaceae	*Cathetus virgatus*																			
Phyllanthaceae	*Flueggea virosa* subsp. *melanthesoides*		+																	
Phyllanthaceae	*Kirganelia baccata*																			
Phyllanthaceae	*Nellica maderaspatensis*	+	+	+			+											+		+
Phyllanthaceae	*Notoleptopus decaisnei*		+	+																
Phyllanthaceae	*Phyllanthus hebecarpus* **(P3)**																			
Pittosporaceae	*Pittosporum angustifolium*																			
Plantaginaceae	*Stemodia grossa*			+			+											+		
Plantaginaceae	*Stemodia kingii*																			
Plantaginaceae	*Stemodia viscosa*																			
Poaceae	*Aristida burbidgeae*																			
Poaceae	*Aristida contorta*					+		+	+	+			+							
Poaceae	*?Aristida contorta*																			
Poaceae	*Aristida holathera* var. *holathera*								+	+										
Poaceae	*Aristida inaequiglumis*								+											
Poaceae	**Cenchrus ciliaris*		+	+		+	+		+	+			+					+	+	
Poaceae	**Cenchrus setiger*		+	+		+						+								
Poaceae	*Cenchrus* sp.																			
Poaceae	**Chloris barbata*																			
Poaceae	*Chloris pumilio*																			

Family	Taxa	K21	K22r	K23	K24	K25	K26	K27	K28	K29	K30	K31	K32	MB001	MB002	MB005	MB006	MB007	MB008	MB009
Poaceae	*Chloris virgata																			
Poaceae	*Chrysopogon fallax*	+		+					+	+										
Poaceae	*Cymbopogon ambiguus*			+					+				+					+	+	+
Poaceae	*Cymbopogon obtectus*																			
Poaceae	*Cymbopogon procerus*																			
Poaceae	*Cynodon convergens*																			
Poaceae	*Cynodon dactylon																			
Poaceae	*Cynodon prostratus*																			
Poaceae	*Dactyloctenium radulans*					+	+													
Poaceae	*Dichanthium fecundum*																			
Poaceae	*Dichanthium sericeum* subsp. *humilius*																			
Poaceae	*Digitaria brownii*																			
Poaceae	*Digitaria ctenantha*																			
Poaceae	*Diplachne fusca* subsp. *fusca*																			
Poaceae	*Echinochloa colona																			
Poaceae	*Enneapogon caerulescens*							+				+								
Poaceae	*Enneapogon ?caerulescens*																			
Poaceae	*Enneapogon lindleyanus*			+					+											
Poaceae	*Enneapogon polyphyllus*				+	+		+					+							
Poaceae	*Enneapogon* sp.																			
Poaceae	*Eragrostis crateriformis* **(P3)**																			
Poaceae	*Eragrostis cumingii*						+													
Poaceae	*Eragrostis desertorum*																			
Poaceae	*Eragrostis dielsii*																			
Poaceae	*Eragrostis eriopoda*							+	+				+							
Poaceae	*Eragrostis exigua*																			
Poaceae	*Eragrostis minor*										+									
Poaceae	*Eragrostis olida*																			
Poaceae	*Eragrostis* sp. 1																			
Poaceae	*Eragrostis* sp. 2																			
Poaceae	*Eragrostis tenellula*						+													
Poaceae	*Eragrostis ?tenellula*																			
Poaceae	*Eriachne aristidea*																			
Poaceae	*Eriachne benthamii*																			
Poaceae	*Eriachne ciliata*														+	+				
Poaceae	*Eriachne flaccida*																			
Poaceae	*Eriachne helmsii*																			
Poaceae	*Eriachne melicacea*																			
Poaceae	*Eriachne mucronata*														+					
Poaceae	*Eriachne obtusa*								+				+							
Poaceae	*Eriachne pulchella*																			

Family	Taxa	K21	K22r	K23	K24	K25	K26	K27	K28	K29	K30	K31	K32	MB001	MB002	MB005	MB006	MB007	MB008	MB009
Poaceae	*Eriachne pulchella* subsp. *dominii*														+					
Poaceae	*Eriachne pulchella* subsp. *pulchella*							+												
Poaceae	*Eriachne* sp. 1																			
Poaceae	*Eriachne* sp. 2		+	+																
Poaceae	*Eriachne* sp. 3																			
Poaceae	*Eriachne* sp. 4																			
Poaceae	*Eriachne* sp. Dugald River (B.K. Simon+ 3007)																			
Poaceae	*Eriachne tenuiculmis*																	+		
Poaceae	*Eulalia aurea*																			
Poaceae	*Iseilema dolichotrichum*					+			+											
Poaceae	*Iseilema membranaceum*																			
Poaceae	*Panicum australiense*																			
Poaceae	*Panicum australiense* var. *australiense*																			
Poaceae	*Paraneurachne muelleri*																			
Poaceae	*Paspalidium basicladum*																			
Poaceae	*Paspalidium clementii*											+								
Poaceae	*Paspalidium jubiflorum*																			
Poaceae	*Paspalidium rarum*																			
Poaceae	*Perotis rara*					+							+							
Poaceae	POACEAE sp. 1																			
Poaceae	POACEAE sp. 2																			
Poaceae	POACEAE sp. 3																			
Poaceae	*Schizachyrium fragile*																			
Poaceae	**Setaria verticillata*																			
Poaceae	*Sporobolus actinocladus*																			
Poaceae	*Sporobolus australasicus*	+	+		+			+	+				+							
Poaceae	*Sporobolus ramigerus*																			
Poaceae	*Themeda triandra*			+																
Poaceae	*Themeda ? triandra*																			
Poaceae	*Triodia angusta*																			
Poaceae	*Triodia ? angusta*																			
Poaceae	*Triodia brizoides*																		+	
Poaceae	*Triodia ? brizoides*																			
Poaceae	*Triodia epactia*				+	+		+	+	+			+	+		+	+			+
Poaceae	*Triodia ? epactia*																			
Poaceae	*Triodia lanigera*																			
Poaceae	*Triodia longiceps*						+										+			
Poaceae	*Triodia secunda*																			
Poaceae	*Triodia wiseana*	+						+			+	+			+		+			
Poaceae	*Triodia ? wiseana*																			
Poaceae	*Tripogonella loliiformis*							+		+										

Family	Taxa	K21	K22r	K23	K24	K25	K26	K27	K28	K29	K30	K31	K32	MB001	MB002	MB005	MB006	MB007	MB008	MB009
Poaceae	*Whiteochloa cymbiformis*																			
Polygalaceae	*Polygala glaucifolia*																			
Polygalaceae	*Polygala isingii*	+						+				+								
Polygalaceae	*Polygala* sp.																			
Portulacaceae	*Portulaca filifolia*																			
Portulacaceae	*Portulaca oleracea*	+				+	+				+									
Potamogetonaceae	*Potamogeton tepperi*																			
Proteaceae	*Grevillea pyramidalis* subsp. *leucadendron*				+	+		+		+		+	+							+
Proteaceae	*Grevillea wickhamii*				+					+	+									
Proteaceae	*Grevillea wickhamii* subsp. *aprica*														+	+	+	+		+
Proteaceae	*Grevillea wickhamii* subsp. *hispidula*																			
Proteaceae	*Hakea lorea* subsp. *lorea*								+								+			
Pteridaceae	*Cheilanthes sieberi* subsp. *Sieberi*																			
Pteridaceae	*Cheilanthes* sp.																			
Rubiaceae	*Dolichocarpa crouchiana*														+					
Rubiaceae	*Synaptantha tillaeacea* var. *tillaeacea*							+					+							
Sapindaceae	*Atalaya hemiglauca*		+				+													
Sapindaceae	*Dodonaea coriacea*													+						
Scrophulariaceae	*Eremophila latrobei* subsp. *glabra*																			
Scrophulariaceae	*Eremophila latrobei* ?subsp. *glabra*																			
Scrophulariaceae	*Eremophila latrobei* subsp. *latrobei*						+													
Scrophulariaceae	*Eremophila longifolia*																			
Solanaceae	*Nicotiana benthamiana*																			
Solanaceae	*Nicotiana bilybara*																			
Solanaceae	*Nicotiana occidentalis*						+													
Solanaceae	**Physalis angulata*						+													
Solanaceae	*Solanum ?centrale*																			
Solanaceae	*Solanum cleistogamum*																			
Solanaceae	*Solanum diversiflorum*					+	+	+	+				+							
Solanaceae	*Solanum gabrielae*																			
Solanaceae	*Solanum horridum*	+	+	+									+							
Solanaceae	*Solanum lasiophyllum*								+											
Solanaceae	*Solanum lucani*																			
Solanaceae	**Solanum nigrum*																			
Solanaceae	*Solanum phlomoides*		+	+						+					+					+
Solanaceae	*Solanum ?phlomoides*																			
Solanaceae	*Solanum* sp.																			
Stylidiaceae	*Stylidium desertorum*																			
Typhaceae	*Typha domingensis*																			
Violaceae	*Afrohybanthus aurantiacus*		+				+													
Violaceae	*Afrohybanthus ?aurantiacus*																			

Family	Taxa	K21	K22r	K23	K24	K25	K26	K27	K28	K29	K30	K31	K32	MB001	MB002	MB005	MB006	MB007	MB008	MB009
Violaceae	?*Afrohybanthus* sp.																			
Zygophyllaceae	*Tribulus hirsutus*	+									+						+			
Zygophyllaceae	*Tribulus occidentalis*							+		+										
Zygophyllaceae	*Tribulus platypterus*										+									
Zygophyllaceae	*Tribulus* ?*platypterus*																			
Zygophyllaceae	*Tribulus suberosus*																			

Sites MB010-MB024

Family	Taxa	MB010	MB011	MB012	MB013	MB014	MB015	MB016	MB017	MB018	MB019	MB020	MB021	MB022	MB023	MB024
Acanthaceae	*Rostellularia adscendens* var. *clementii*															
Aizoaceae	*Trianthema pilosum*															
Aizoaceae	**Trianthema portulacastrum*															
Aizoaceae	*Trianthema triquetrum*															
Aizoaceae	*Trianthema turgidifolium*															
Aizoaceae	*Zaleya galericulata* subsp. *galericulata*															
Amaranthaceae	*Achyranthes aspera*															
Amaranthaceae	**Aerva javanica*						+									
Amaranthaceae	*Alternanthera denticulata*															
Amaranthaceae	*Alternanthera denticulata* var. *denticulata*															
Amaranthaceae	*Alternanthera nana*															
Amaranthaceae	*Amaranthus cuspidifolius*															
Amaranthaceae	*Amaranthus undulatus*						+									
Amaranthaceae	*Gomphrena canescens*															
Amaranthaceae	*Gomphrena cunninghamii*						+	+		+		+				
Amaranthaceae	*Gomphrena kanisii*															
Amaranthaceae	*Gomphrena lanata*															
Amaranthaceae	*Gomphrena leptoclada* subsp. *leptoclada*															
Amaranthaceae	*Ptilotus astrolasius*															
Amaranthaceae	*Ptilotus auriculifolius*															
Amaranthaceae	*Ptilotus axillaris*										+					
Amaranthaceae	*Ptilotus calostachyus*	+		+				+								
Amaranthaceae	*Ptilotus clementii*															
Amaranthaceae	*Ptilotus exaltatus*															
Amaranthaceae	*Ptilotus fusiformis*						+		+			+				
Amaranthaceae	*Ptilotus gomphrenoides*															
Amaranthaceae	*Ptilotus incanus*															
Amaranthaceae	*Ptilotus mollis* **(P4)**															
Amaranthaceae	*Ptilotus obovatus*											+				
Amaranthaceae	*Ptilotus* sp.															
Amaranthaceae	?*Ptilotus* sp.															
Apocynaceae	**Calotropis procera*															
Apocynaceae	*Carissa lanceolata*						+									
Apocynaceae	*Cynanchum floribundum*												+			
Apocynaceae	*Cynanchum viminale* subsp. *australe*															
Apocynaceae	*Gymnanthera cunninghamii* **(P3)**															
Apocynaceae	*Gymnema erectum*															
Apocynaceae	*Vincetoxicum flexuosum*															
Araliaceae	*Trachymene oleracea*															

Family	Taxa	MB010	MB011	MB012	MB013	MB014	MB015	MB016	MB017	MB018	MB019	MB020	MB021	MB022	MB023	MB024
Araliaceae	*Trachymene oleracea* subsp. *oleracea*															
Araliaceae	*Trachymene pilbarensis*															
Asteraceae	*Blumea tenella*															
Asteraceae	*Centipeda minima* subsp. *macrocephala*															
Asteraceae	*Chrysocephalum apiculatum* subsp. *pilbarense*															
Asteraceae	*Chrysocephalum* sp.															
Asteraceae	**Flaveria trinervia*															
Asteraceae	*Olearia fluvialis*															
Asteraceae	*Pentalepis trichodesmoides* subsp. *trichodesmoides*															
Asteraceae	*Pluchea dentex*															
Asteraceae	*Pluchea ferdinandi-muelleri*															
Asteraceae	*Pluchea rubelliflora*															
Asteraceae	*?Pluchea rubelliflora*															
Asteraceae	*Pluchea tetranthera*															
Asteraceae	*Pterocaulon serrulatum* var. *velutinum*															
Asteraceae	*Pterocaulon sphacelatum*										+					
Asteraceae	**Sonchus oleraceus*															
Asteraceae	*Streptoglossa ?bubakii*															
Asteraceae	*Streptoglossa decurrens*															
Asteraceae	*Streptoglossa ?decurrens*												+			
Asteraceae	*Vittadinia dissecta* var. *hirta*															
Bixaceae	*Cochlospermum macnamarae* **(P1)**															
Boraginaceae	*Ehretia saligna* var. *saligna*															
Boraginaceae	*Euploca chrysocarpa*															
Boraginaceae	*Euploca ?chrysocarpa*															
Boraginaceae	*Euploca conocarpa*															
Boraginaceae	*Euploca cunninghamii*						+									
Boraginaceae	*Euploca ?cunninghamii*															
Boraginaceae	*Euploca heterantha*															
Boraginaceae	*Euploca pachyphylla*															
Boraginaceae	*Euploca ?pachyphylla*															
Boraginaceae	*Euploca skeleton*															
Boraginaceae	*Euploca tanythrix*															
Boraginaceae	*Euploca tenuifolia*															
Boraginaceae	*Heliotropium crispatum*						+									
Boraginaceae	*Heliotropium murinum* **(P3)**										+					
Boraginaceae	*Heliotropium ?murinum* **(P3)**															
Boraginaceae	*Heliotropium* sp. 1															
Boraginaceae	*Heliotropium* sp. 2															
Boraginaceae	*Trichodesma zeylanicum*					+	+					+				

Family	Taxa	MB010	MB011	MB012	MB013	MB014	MB015	MB016	MB017	MB018	MB019	MB020	MB021	MB022	MB023	MB024
Boraginaceae	*Trichodesma zeylanicum* var. *zeylanicum*															
Brassicaceae	*Lepidium pedicellosum*															
Byblidaceae	*Byblis pilbarana*															
Campanulaceae	*Wahlenbergia tumidifructa*												+			
Capparaceae	*Capparis spinosa* subsp. *nummularia*															
Caryophyllaceae	*Polycarpaea corymbosa* var. *corymbosa*													+		
Caryophyllaceae	*Polycarpaea holtzei*					+		+	+	+		+		+		+
Caryophyllaceae	*Polycarpaea longiflora*						+			+		+				
Celastraceae	*Stackhousia intermedia*															
Celastraceae	*Stackhousia* ? *intermedia*															
Celastraceae	*Stackhousia muricata*															
Chenopodiaceae	*Dysphania kalpari*															
Chenopodiaceae	*Dysphania plantaginella*															
Chenopodiaceae	*Dysphania rhadinostachya*						+									
Chenopodiaceae	*Dysphania rhadinostachya* subsp. *inflata*															
Chenopodiaceae	*Dysphania rhadinostachya* subsp. *rhadinostachya*															
Chenopodiaceae	*Dysphania* sp.															
Chenopodiaceae	? *Dysphania* sp.															
Chenopodiaceae	*Dysphania sphaerosperma*															
Chenopodiaceae	*Sclerolaena costata*															
Chenopodiaceae	*Sclerolaena densiflora*															
Chenopodiaceae	*Sclerolaena hostilis*															
Cleomaceae	*Arivela viscosa*						+			+	+	+	+			
Combretaceae	*Terminalia circumalata*															
Combretaceae	*Terminalia* sp.															
Combretaceae	? *Terminalia* sp. 1															
Combretaceae	? *Terminalia* sp. 2															
Combretaceae	? *Terminalia* sp. 3															
Combretaceae	? *Terminalia* sp. 4															
Commelinaceae	*Commelina ensifolia*															
Convolvulaceae	*Bonamia alatisemina*															
Convolvulaceae	*Bonamia* ? *alatisemina*															
Convolvulaceae	*Bonamia erecta*															
Convolvulaceae	*Bonamia linearis*															
Convolvulaceae	*Bonamia media*															
Convolvulaceae	*Bonamia* ? *media*															
Convolvulaceae	*Bonamia pannosa*															
Convolvulaceae	*Bonamia pilbarensis*										+			+		
Convolvulaceae	*Bonamia* ? *pilbarensis*															
Convolvulaceae	*Bonamia* sp. 1															

Family	Taxa	MB010	MB011	MB012	MB013	MB014	MB015	MB016	MB017	MB018	MB019	MB020	MB021	MB022	MB023	MB024
Convolvulaceae	*Bonamia* sp. 2															
Convolvulaceae	*Evolvulus alsinoides*															
Convolvulaceae	*Evolvulus alsinoides* var. *villosicalyx*										+	+				
Convolvulaceae	*Ipomoea coptica*															
Convolvulaceae	*Ipomoea lonchophylla*															
Convolvulaceae	*Ipomoea muelleri*												+			
Convolvulaceae	*Ipomoea polymorpha*															
Convolvulaceae	*Operculina aequisepala*															
Convolvulaceae	*Polymeria ambigua*			+		+		+		+				+		
Convolvulaceae	*Polymeria calycina*															
Convolvulaceae	*Polymeria lanata*															
Convolvulaceae	*Polymeria mollis*															
Convolvulaceae	*Polymeria ? mollis*															
Cucurbitaceae	*Austrobryonia pilbarensis*															
Cucurbitaceae	**Citrullus colocynthis*															
Cucurbitaceae	*Cucumis melo*															
Cucurbitaceae	**Cucumis myriocarpus* subsp. *myriocarpus*															
Cucurbitaceae	*Cucumis* sp. Chichester Range (A.A. Mitchell et al. AAM 10691)															
Cucurbitaceae	*Cucumis variabilis*				+		+			+		+				
Cucurbitaceae	*Trichosanthes cucumerina* var. *cucumerina*															
Cyperaceae	*Bulbostylis barbata*					+	+	+	+		+	+	+		+	
Cyperaceae	*Bulbostylis burbidgeae* **(P4)**															
Cyperaceae	*Bulbostylis turbinata*			+												
Cyperaceae	*Cyperus bifax*			+			+									
Cyperaceae	*Cyperus bulbosus*															
Cyperaceae	*Cyperus cunninghamii* subsp. *cunninghamii*											+				
Cyperaceae	*Cyperus dactylotes*															
Cyperaceae	*Cyperus difformis*															
Cyperaceae	*Cyperus hesperius*															
Cyperaceae	*Cyperus ixiocarpus*						+									
Cyperaceae	*Cyperus microcephalus* subsp. *microcephalus*															
Cyperaceae	*Cyperus* sp. 1															
Cyperaceae	*Cyperus* sp. 2															
Cyperaceae	*Cyperus squarrosus*															
Cyperaceae	*Cyperus vaginatus*												+			
Cyperaceae	*Fimbristylis dichotoma*															
Cyperaceae	*Fimbristylis elegans*															
Cyperaceae	*Fimbristylis simulans*			+					+							
Cyperaceae	*Fimbristylis* sp.															
Cyperaceae	*Fuirena ciliaris*															

Family	Taxa	MB010	MB011	MB012	MB013	MB014	MB015	MB016	MB017	MB018	MB019	MB020	MB021	MB022	MB023	MB024
Elatinaceae	*Bergia pedicellaris*															
Euphorbiaceae	*Adriana tomentosa*															
Euphorbiaceae	*Adriana tomentosa* var. *tomentosa*						+									
Euphorbiaceae	*Adriana tomentosa* ?var. *tomentosa*															
Euphorbiaceae	*Euphorbia ? australis*															
Euphorbiaceae	*Euphorbia australis* var. *subtomentosa*										+	+	+			
Euphorbiaceae	*Euphorbia biconvexa*															
Euphorbiaceae	*Euphorbia boophthona*															
Euphorbiaceae	*Euphorbia careyi*															
Euphorbiaceae	*Euphorbia coghlanii*						+			+						
Euphorbiaceae	*Euphorbia inappendiculata* var. *inappendiculata* **(P3)**															
Euphorbiaceae	*Euphorbia* sp. 1															
Euphorbiaceae	*Euphorbia* sp. 2															
Euphorbiaceae	*Euphorbia tannensis* subsp. *eremophila*					+	+									
Euphorbiaceae	*Euphorbia ? tannensis* subsp. *eremophila*															
Euphorbiaceae	*Euphorbia trigonosperma*															
Euphorbiaceae	*Mallotus nesophilus*															
Fabaceae	*Acacia acradenia*				+											
Fabaceae	*Acacia adoxa* var. *adoxa*		+	+												
Fabaceae	*Acacia adsurgens*															
Fabaceae	*Acacia ampliceps*															
Fabaceae	*Acacia ampliceps x sclerosperma* subsp. *sclerosperma*															
Fabaceae	*Acacia ancistrocarpa*															
Fabaceae	*Acacia aptaneura*															
Fabaceae	*Acacia arida*															
Fabaceae	*Acacia bivenosa*	+		+											+	+
Fabaceae	*Acacia ? bivenosa*															
Fabaceae	*Acacia colei*															
Fabaceae	*Acacia colei* var. *colei*															
Fabaceae	*Acacia colei* ?var. *colei*															
Fabaceae	*Acacia coriacea* subsp. *pendens*															
Fabaceae	*Acacia elachantha*															
Fabaceae	*Acacia eriopoda*															
Fabaceae	*Acacia eriopoda x trachycarpa*															
Fabaceae	*Acacia hilliana*															
Fabaceae	*Acacia holosericea*															
Fabaceae	*Acacia inaequilatera*	+	+		+	+		+	+	+	+			+		
Fabaceae	*Acacia levata* **(P3)**															
Fabaceae	*Acacia maitlandii*															

Family	Taxa	MB010	MB011	MB012	MB013	MB014	MB015	MB016	MB017	MB018	MB019	MB020	MB021	MB022	MB023	MB024
Fabaceae	*Acacia monticola*															
Fabaceae	*Acacia orthocarpa*								+							
Fabaceae	*Acacia pruinocarpa*															
Fabaceae	*Acacia ptychophylla*	+	+	+		+		+		+						
Fabaceae	*Acacia pyrifolia*						+									
Fabaceae	*Acacia pyrifolia* var. *morrisonii*															
Fabaceae	*Acacia pyrifolia* var. *pyrifolia*															
Fabaceae	*Acacia retivenea* subsp. *clandestina*		+													
Fabaceae	*Acacia sericophylla*												+			
Fabaceae	*Acacia sibirica*								+							
Fabaceae	*Acacia* sp. 1															
Fabaceae	*Acacia* sp. 2	+														
Fabaceae	*Acacia* sp. 3															
Fabaceae	*Acacia* sp. 4															
Fabaceae	*Acacia* sp. 5															
Fabaceae	*Acacia* sp. 6															
Fabaceae	*Acacia* sp. 7															
Fabaceae	*Acacia* sp. 8															
Fabaceae	*Acacia* sp. 9															
Fabaceae	*Acacia sphaerostachya*															
Fabaceae	*Acacia spondylophylla*	+														
Fabaceae	*Acacia stellaticeps*															
Fabaceae	*Acacia synchronicia*															
Fabaceae	*Acacia trachycarpa*												+			
Fabaceae	*Acacia trachycarpa x tumida* var. *pilbarensis*															
Fabaceae	*Acacia tumida* var. *pilbarensis*	+	+	+					+							
Fabaceae	*Acacia victoriae* subsp. *victoriae*															
Fabaceae	*Alysicarpus muelleri*													+		
Fabaceae	*Cajanus cinereus*							+								
Fabaceae	*Cajanus ? cinereus*															
Fabaceae	*Cajanus pubescens*															
Fabaceae	*Cajanus* sp. 1						+									
Fabaceae	*Cajanus* sp. 2									+						
Fabaceae	*Cajanus* sp. 3															
Fabaceae	*Crotalaria cunninghamii* subsp. *sturtii*												+			
Fabaceae	*Crotalaria ? cunninghamii* subsp. *sturtii*															
Fabaceae	*Crotalaria medicaginea* var. *neglecta*									+				+		
Fabaceae	*Crotalaria novae-hollandiae* subsp. *novae-hollandiae*															
Fabaceae	*Cullen lachnostachys*															
Fabaceae	*Cullen leucanthum*															

Family	Taxa	MB010	MB011	MB012	MB013	MB014	MB015	MB016	MB017	MB018	MB019	MB020	MB021	MB022	MB023	MB024
Fabaceae	*Cullen leucochaites*															
Fabaceae	*Cullen martinii*															
Fabaceae	*Cullen pallidum*															
Fabaceae	*Cullen pogonocarpum*															
Fabaceae	*Cullen pustulatum*															
Fabaceae	*Cullen ?pustulatum*															
Fabaceae	*Cullen* sp. 1															
Fabaceae	*Cullen* sp. 2															
Fabaceae	*Cullen stipulaceum*															
Fabaceae	*Dichrostachys spicata*															
Fabaceae	*Erythrina vespertilio*															
Fabaceae	*Glycine canescens*															
Fabaceae	*Grona filiformis*															
Fabaceae	*Indigastrum parviflorum*															
Fabaceae	*Indigofera colutea*									+	+	+		+		
Fabaceae	*Indigofera deserticola*														+	
Fabaceae	*Indigofera hirsuta*															
Fabaceae	*Indigofera linifolia*														+	
Fabaceae	*Indigofera linnaei*															
Fabaceae	*Indigofera monophylla*					+		+		+	+	+			+	+
Fabaceae	*Indigofera rugosa*															
Fabaceae	**Indigofera sessiliflora*															
Fabaceae	*Indigofera* sp. 1															
Fabaceae	*Indigofera* sp. 2															
Fabaceae	*Indigofera* sp. 3															
Fabaceae	*Indigofera trita*															
Fabaceae	*Indigofera trita* subsp. *trita*															
Fabaceae	*Indigofera trita* ?subsp. *trita*															
Fabaceae	*Isotropis atropurpurea*															
Fabaceae	*Neptunia* sp.															
Fabaceae	*Petalostylis labicheoides*															
Fabaceae	*Rhynchosia australis*															
Fabaceae	*Rhynchosia minima*						+	+		+						
Fabaceae	*Rhynchosia* sp. 1															
Fabaceae	*Rhynchosia* sp. 2															
Fabaceae	*Rhynchosia* sp. 3															
Fabaceae	*Rhynchosia* sp. 4															
Fabaceae	*Rhynchosia* sp. 5															
Fabaceae	*Rhynchosia* sp. 6															
Fabaceae	*Senna artemisioides* subsp. *helmsii*															

Family	Taxa	MB010	MB011	MB012	MB013	MB014	MB015	MB016	MB017	MB018	MB019	MB020	MB021	MB022	MB023	MB024
Fabaceae	*Senna artemisioides* subsp. *helmsii x oligophylla*															
Fabaceae	*Senna artemisioides* subsp. *oligophylla*											+				
Fabaceae	*Senna ferraria*															
Fabaceae	*Senna glaucifolia*															
Fabaceae	*Senna glutinosa*	+										+			+	+
Fabaceae	*Senna ? glutinosa*				+											
Fabaceae	*Senna glutinosa* subsp. *glutinosa*		+	+		+	+		+	+						
Fabaceae	*Senna glutinosa* subsp. *pruinosa*															
Fabaceae	*Senna glutinosa* subsp. *x luerssenii*															
Fabaceae	*Senna notabilis*						+				+		+			
Fabaceae	*Senna symonii*			+	+					+						
Fabaceae	*Senna venusta*						+			+						
Fabaceae	*Sesbania cannabina*												+			
Fabaceae	*Sesbania formosa*															
Fabaceae	*Swainsona decurrens*															
Fabaceae	*Swainsona formosa*															
Fabaceae	*Swainsona ? formosa*															
Fabaceae	*Swainsona* sp. 1															
Fabaceae	*Swainsona* sp. 2															
Fabaceae	*Swainsona stenodonta*															
Fabaceae	*Templetonia hookeri*															
Fabaceae	*Tephrosia clementii*															
Fabaceae	*Tephrosia densa*											+		+		
Fabaceae	*Tephrosia leptoclada*															
Fabaceae	*Tephrosia rosea*															
Fabaceae	*Tephrosia rosea* var. *clementii*															
Fabaceae	*Tephrosia rosea* ?var. *clementii*															
Fabaceae	? *Tephrosia* sp.															
Fabaceae	*Tephrosia* sp. 1															
Fabaceae	*Tephrosia* sp. 2															
Fabaceae	*Tephrosia* sp. B Kimberley Flora (C.A. Gardner 7300)						+									
Fabaceae	*Tephrosia* sp. Bungaroo Creek (M.E. Trudgen 11601)															
Fabaceae	*Tephrosia* sp. clay soils (S. van Leeuwen et al. PBS 0273)															
Fabaceae	*Tephrosia* sp. D Kimberley Flora (R.D. Royce 1848)															
Fabaceae	*Tephrosia* sp. Newman (A.A. Mitchell PRP 29)															

Family	Taxa	MB010	MB011	MB012	MB013	MB014	MB015	MB016	MB017	MB018	MB019	MB020	MB021	MB022	MB023	MB024
Fabaceae	*Tephrosia* sp. *NW Eremaean (S. van Leeuwen et al. PBS 0356)*															
Fabaceae	*Tephrosia supina*										+			+		
Fabaceae	*Tephrosia* ? *supina*															
Fabaceae	*Tephrosia virens*			+												
Fabaceae	*Tephrosia* ? *virens*															
Fabaceae	* *Vachellia farnesiana* var. *farnesiana*															
Fabaceae	*Vigna lanceolata* var. *lanceolata*															
Fabaceae	*Vigna* sp. Hamersley Clay (A.A. Mitchell PRP 113)															
Fabaceae	*Zornia albiflora*															
Goodeniaceae	*Dampiera candicans*			+		+		+	+							+
Goodeniaceae	*Dampiera* sp.															
Goodeniaceae	*Goodenia armitiana*															
Goodeniaceae	*Goodenia cusackiana*										+	+				
Goodeniaceae	*Goodenia* ? *cusackiana*										+					
Goodeniaceae	*Goodenia lamprosperma*															
Goodeniaceae	*Goodenia microptera*															
Goodeniaceae	*Goodenia muelleriana*					+										
Goodeniaceae	*Goodenia* ? *muelleriana*															
Goodeniaceae	*Goodenia nuda*															
Goodeniaceae	*Goodenia scaevolina*															
Goodeniaceae	*Goodenia* sp. 1															
Goodeniaceae	*Goodenia* sp. 2															
Goodeniaceae	*Goodenia stobbsiana*		+	+					+							
Goodeniaceae	*Goodeniaceae* sp.													+		
Goodeniaceae	*Scaevola amblyanthera* var. *centralis*															
Goodeniaceae	*Scaevola* ? *amblyanthera* var. *centralis*															
Goodeniaceae	*Scaevola browniana* subsp. *browniana*															
Goodeniaceae	*Scaevola parvifolia*															
Goodeniaceae	*Scaevola* sp.															
Gyrostemonaceae	*Codonocarpus cotinifolius*															
Haloragaceae	*Gonocarpus ephemerus*															
Haloragaceae	*Haloragis* ? *gossei*															
Haloragaceae	*Haloragis gossei* var. *gossei*															
Haloragaceae	*Haloragis gossei* ?var. *gossei*															
Haloragaceae	*Haloragis* sp. 1															
Haloragaceae	*Haloragis* sp. 2															
Lamiaceae	*Basilicum polystachyon*															
Lamiaceae	*Clerodendrum floribundum* var. *angustifolium*												+			
Lamiaceae	*Clerodendrum floribundum* var. ?*angustifolium*															

Family	Taxa	MB010	MB011	MB012	MB013	MB014	MB015	MB016	MB017	MB018	MB019	MB020	MB021	MB022	MB023	MB024
Lamiaceae	*Clerodendrum tomentosum* var. *lanceolatum*															
Lamiaceae	*Clerodendrum tomentosum* var. *tomentosum*						+									
Lamiaceae	*Quoya zonalis* **(T)**															
Lauraceae	*Cassytha capillaris*								+							
Lauraceae	*Cassytha filiformis*															
Lauraceae	*Cassytha* sp. 1															
Lauraceae	*Cassytha* sp. 2															
Lauraceae	*Cassytha* sp. 3															
Loganiaceae	*Mitrasacme connata*															
Loranthaceae	*Lysiana casuarinae*															
Lythraceae	*Ammannia baccifera*															
Lythraceae	*Ammannia multiflora*												+			
Lythraceae	*Ammannia* sp. 1															
Lythraceae	*Ammannia* sp. 2															
Lythraceae	*Ammannia* sp. 3															
Lythraceae	*Ammannia* sp. 4															
Malvaceae	*Abutilon fraseri* subsp. *fraseri*															
Malvaceae	*Abutilon lepidum*											+				
Malvaceae	*Abutilon* ? *leucopetalum*															
Malvaceae	*Abutilon macrum*															
Malvaceae	*Abutilon* sp. 1															
Malvaceae	*Abutilon* sp. 2						+									
Malvaceae	*Abutilon* sp. 3															
Malvaceae	*Abutilon* sp. Dioicum (A.A. Mitchell PRP 1618)															
Malvaceae	*Abutilon* sp. Pilbara (W.R. Barker 2025)															
Malvaceae	*Brachychiton acuminatus*															
Malvaceae	*Corchorus incanus*										+		+			
Malvaceae	*Corchorus* ? *incanus*															
Malvaceae	*Corchorus incanus* subsp. *incanus*															
Malvaceae	*Corchorus* ? *incanus* subsp. *incanus*															
Malvaceae	*Corchorus laniflorus*															
Malvaceae	*Corchorus lasiocarpus* subsp. *lasiocarpus*															
Malvaceae	*Corchorus parviflorus*	+			+			+	+	+		+		+		
Malvaceae	*Corchorus* ? *parviflorus*															
Malvaceae	*Corchorus* sp. 1														+	
Malvaceae	*Corchorus* sp. 2															
Malvaceae	*Corchorus tridens*															
Malvaceae	*Corchorus trilocularis*															
Malvaceae	*Corchorus walcottii*															
Malvaceae	*Gossypium australe*				+		+	+		+		+				
Malvaceae	*Gossypium robinsonii*															

Family	Taxa	MB010	MB011	MB012	MB013	MB014	MB015	MB016	MB017	MB018	MB019	MB020	MB021	MB022	MB023	MB024
Malvaceae	*Hibiscus austrinus* var. *austrinus*												+			
Malvaceae	*Hibiscus brachychlaenus*															
Malvaceae	*Hibiscus burtonii*															
Malvaceae	*Hibiscus coatesii*															
Malvaceae	*Hibiscus goldsworthii*															
Malvaceae	*Hibiscus leptocladus*															
Malvaceae	*Hibiscus sturtii*															
Malvaceae	*Hibiscus* ? *sturtii*															
Malvaceae	? *Hibiscus sturtii*															
Malvaceae	*Hibiscus sturtii* var. *campylochlamys*															
Malvaceae	*Hibiscus sturtii* var. *platychlamys*									+						
Malvaceae	MALVACEAE sp. 1															
Malvaceae	MALVACEAE sp. 2															
Malvaceae	MALVACEAE sp. 3															
Malvaceae	* *Malvastrum americanum*															
Malvaceae	*Melhania oblongifolia*						+					+				
Malvaceae	*Seringia nephrosperma*															
Malvaceae	*Sida arenicola*															
Malvaceae	*Sida arsiniata*															
Malvaceae	*Sida cardiophylla*															
Malvaceae	*Sida clementii*															
Malvaceae	*Sida echinocarpa*															
Malvaceae	*Sida* ? *echinocarpa*															
Malvaceae	*Sida fibulifera*															
Malvaceae	*Sida* ? *fibulifera*															
Malvaceae	*Sida macropoda*															
Malvaceae	*Sida* ? *macropoda*															
Malvaceae	*Sida platycalyx*															
Malvaceae	*Sida rohlenae* subsp. *rohlenae*											+	+			
Malvaceae	*Sida* sp. 1															
Malvaceae	*Sida* sp. 2			+												
Malvaceae	*Sida* sp. 3															
Malvaceae	*Sida* sp. articulation below (A.A. Mitchell PRP 1605)															
Malvaceae	*Sida* sp. Excedentifolia (J.L. Egan 1925)															
Malvaceae	*Sida* sp. Pilbara (A.A. Mitchell PRP 1543)															
Malvaceae	*Sida* sp. spiciform panicles (E. Leyland s.n. 14/8/90)															
Malvaceae	*Sida spinosa*															
Malvaceae	*Triumfetta appendiculata*					+										
Malvaceae	*Triumfetta* ? *appendiculata*															

Family	Taxa	MB010	MB011	MB012	MB013	MB014	MB015	MB016	MB017	MB018	MB019	MB020	MB021	MB022	MB023	MB024
Malvaceae	*Triumfetta chaetocarpa*										+					
Malvaceae	*Triumfetta clementii*															
Malvaceae	*Triumfetta johnstonii*															
Malvaceae	*Triumfetta leptacantha*															
Malvaceae	*Triumfetta maconochieana*			+	+											
Malvaceae	*Triumfetta propinqua*															
Malvaceae	*Triumfetta ramosa*															
Malvaceae	*Triumfetta* sp. 1															
Malvaceae	*Triumfetta* sp. 2						+									
Malvaceae	*Waltheria indica*															
Malvaceae	*Waltheria virgata*															
Marsileaceae	*Marsilea exarata*															
Marsileaceae	*Marsilea hirsuta*															
Marsileaceae	*Marsilea* sp. 1															
Marsileaceae	*Marsilea* sp. 2															
Menispermaceae	*Tinospora smilacina*						+									
Molluginaceae	*Hypertelis cerviana*															
Molluginaceae	*Trigastrotheca molluginea*							+		+	+	+	+	+		
Montiaceae	*Calandrinia ptychosperma*															
Montiaceae	*Calandrinia ? pumila*															
Montiaceae	*Calandrinia ? stagnensis*															
Montiaceae	*Calandrinia tepperiana*												+			
Moraceae	*Ficus aculeata* var. *indecora*						+									
Moraceae	*Ficus brachypoda*															
Myrtaceae	*Corymbia candida* subsp. *candida*															
Myrtaceae	*Corymbia ? candida* subsp. *candida*			+												
Myrtaceae	*Corymbia flavescens*															
Myrtaceae	*Corymbia hamersleyana*														+	
Myrtaceae	*Corymbia ? hamersleyana*															
Myrtaceae	*? Corymbia hamersleyana*															
Myrtaceae	*? Corymbia* sp.															
Myrtaceae	*Corymbia* sp. 1															
Myrtaceae	*Corymbia* sp. 2															
Myrtaceae	*Corymbia* sp. 3															
Myrtaceae	*Eucalyptus camaldulensis*															
Myrtaceae	*Eucalyptus ? camaldulensis*												+			
Myrtaceae	*Eucalyptus camaldulensis* subsp. *refulgens*															
Myrtaceae	*Eucalyptus camaldulensis* ?subsp. *refulgens*															
Myrtaceae	*Eucalyptus leucophloia*															
Myrtaceae	*Eucalyptus leucophloia* subsp. *leucophloia*	+							+							
Myrtaceae	*Eucalyptus ? leucophloia* subsp. *leucophloia*		+	+												

Family	Taxa	MB010	MB011	MB012	MB013	MB014	MB015	MB016	MB017	MB018	MB019	MB020	MB021	MB022	MB023	MB024
Myrtaceae	*Eucalyptus* sp. 1															
Myrtaceae	*Eucalyptus* sp. 2															
Myrtaceae	*Eucalyptus victrix*						+									
Myrtaceae	*Melaleuca argentea*															
Myrtaceae	*Melaleuca bracteata*															
Myrtaceae	*Melaleuca glomerata*															
Myrtaceae	*Melaleuca ? glomerata*															
Myrtaceae	*Melaleuca linophylla*															
Myrtaceae	*Melaleuca ? linophylla*															
Nyctaginaceae	*Boerhavia burbidgeana*															
Nyctaginaceae	*Boerhavia coccinea*				+											
Nyctaginaceae	*Boerhavia ? coccinea*															
Nyctaginaceae	*Boerhavia gardneri*					+				+						
Nyctaginaceae	*Boerhavia* sp.										+					
Oleaceae	*Jasminum didymum* subsp. *lineare*															
Onagraceae	*Ludwigia perennis*															
Papaveraceae	**Argemone ochroleuca* subsp. *ochroleuca*															
Pedaliaceae	*Josephinia eugeniae*															
Pedaliaceae	*Josephinia* sp. Mt Edgar Station (N.T. Burbidge 1194)															
Phyllanthaceae	*Cathetus* sp.			+												
Phyllanthaceae	*Cathetus virgatus*															
Phyllanthaceae	*Flueggea virosa* subsp. *melanthesoides*															
Phyllanthaceae	*Kirganelia baccata*															
Phyllanthaceae	*Nellica maderaspatensis*								+	+						
Phyllanthaceae	*Notoleptopus decaisnei*						+			+						
Phyllanthaceae	*Phyllanthus hebecarpus* **(P3)**															
Pittosporaceae	*Pittosporum angustifolium*															
Plantaginaceae	*Stemodia grossa*						+									
Plantaginaceae	*Stemodia kingii*															
Plantaginaceae	*Stemodia viscosa*												+			
Poaceae	*Aristida burbidgeae*															
Poaceae	*Aristida contorta*								+							
Poaceae	*?Aristida contorta*															
Poaceae	*Aristida holathera* var. *holathera*															
Poaceae	*Aristida inaequiglumis*															
Poaceae	**Cenchrus ciliaris*											+	+			
Poaceae	**Cenchrus setiger*															
Poaceae	*Cenchrus* sp.															
Poaceae	**Chloris barbata*															
Poaceae	*Chloris pumilio*															

Family	Taxa	MB010	MB011	MB012	MB013	MB014	MB015	MB016	MB017	MB018	MB019	MB020	MB021	MB022	MB023	MB024
Poaceae	*Chloris virgata															
Poaceae	*Chrysopogon fallax*												+			
Poaceae	*Cymbopogon ambiguus*			+	+		+	+	+	+		+				
Poaceae	*Cymbopogon obtectus*															
Poaceae	*Cymbopogon procerus*															
Poaceae	*Cynodon convergens*															
Poaceae	*Cynodon dactylon*															
Poaceae	*Cynodon prostratus*															
Poaceae	*Dactyloctenium radulans*															
Poaceae	*Dichanthium fecundum*															
Poaceae	*Dichanthium sericeum* subsp. *humilius*															
Poaceae	*Digitaria brownii*															
Poaceae	*Digitaria ctenantha*															
Poaceae	*Diplachne fusca* subsp. *fusca*															
Poaceae	*Echinochloa colona*															
Poaceae	*Enneapogon caerulescens*															
Poaceae	*Enneapogon ?caerulescens*															
Poaceae	*Enneapogon lindleyanus*						+					+				
Poaceae	*Enneapogon polyphyllus*															
Poaceae	*Enneapogon* sp.															
Poaceae	*Eragrostis crateriformis* **(P3)**															
Poaceae	*Eragrostis cumingii*												+			
Poaceae	*Eragrostis desertorum*															
Poaceae	*Eragrostis dielsii*															
Poaceae	*Eragrostis eriopoda*															
Poaceae	*Eragrostis exigua*															
Poaceae	*Eragrostis minor*															
Poaceae	*Eragrostis olida*										+					
Poaceae	*Eragrostis* sp. 1															
Poaceae	*Eragrostis* sp. 2															
Poaceae	*Eragrostis tenellula*															
Poaceae	*Eragrostis ?tenellula*															
Poaceae	*Eriachne aristidea*															
Poaceae	*Eriachne benthamii*						+		+	+						
Poaceae	*Eriachne ciliata*			+												
Poaceae	*Eriachne flaccida*															
Poaceae	*Eriachne helmsii*															
Poaceae	*Eriachne melicacea*															
Poaceae	*Eriachne mucronata*		+	+							+	+				
Poaceae	*Eriachne obtusa*															
Poaceae	*Eriachne pulchella*															

Family	Taxa	MB010	MB011	MB012	MB013	MB014	MB015	MB016	MB017	MB018	MB019	MB020	MB021	MB022	MB023	MB024
Poaceae	*Eriachne pulchella* subsp. *dominii*								+							
Poaceae	*Eriachne pulchella* subsp. *pulchella*															
Poaceae	*Eriachne* sp. 1															
Poaceae	*Eriachne* sp. 2															
Poaceae	*Eriachne* sp. 3															
Poaceae	*Eriachne* sp. 4															
Poaceae	*Eriachne* sp. Dugald River (B.K. Simon+ 3007)															
Poaceae	*Eriachne tenuiculmis*															
Poaceae	*Eulalia aurea*															
Poaceae	*Iseilema dolichotrichum*			+												
Poaceae	*Iseilema membranaceum*															
Poaceae	*Panicum australiense*															
Poaceae	*Panicum australiense* var. *australiense*															
Poaceae	*Paraneurachne muelleri*									+	+					
Poaceae	*Paspalidium basicladum*															
Poaceae	*Paspalidium clementii*															
Poaceae	*Paspalidium jubiflorum*															
Poaceae	*Paspalidium rarum*															
Poaceae	*Perotis rara*															
Poaceae	POACEAE sp. 1															
Poaceae	POACEAE sp. 2															
Poaceae	POACEAE sp. 3															
Poaceae	*Schizachyrium fragile*															
Poaceae	**Setaria verticillata*															
Poaceae	*Sporobolus actinocladus*															
Poaceae	*Sporobolus australasicus*															
Poaceae	*Sporobolus ramigerus*															
Poaceae	*Themeda triandra*															
Poaceae	*Themeda ? triandra*															
Poaceae	*Triodia angusta*															
Poaceae	*Triodia ? angusta*															
Poaceae	*Triodia brizoides*	+	+	+	+	+				+						
Poaceae	*Triodia ? brizoides*															
Poaceae	*Triodia epactia*			+		+		+	+	+	+	+		+		+
Poaceae	*Triodia ? epactia*															
Poaceae	*Triodia lanigera*															
Poaceae	*Triodia longiceps*												+			
Poaceae	*Triodia secunda*															
Poaceae	*Triodia wiseana*				+										+	+
Poaceae	*Triodia ? wiseana*															
Poaceae	*Tripogonella loliiformis*															

Family	Taxa	MB010	MB011	MB012	MB013	MB014	MB015	MB016	MB017	MB018	MB019	MB020	MB021	MB022	MB023	MB024
Poaceae	*Whiteochloa cymbiformis*						+									
Polygalaceae	*Polygala glaucifolia*															
Polygalaceae	*Polygala isingii*															
Polygalaceae	*Polygala* sp.															
Portulacaceae	*Portulaca filifolia*															
Portulacaceae	*Portulaca oleracea*										+		+			
Potamogetonaceae	*Potamogeton tepperi*															
Proteaceae	*Grevillea pyramidalis* subsp. *leucadendron*				+				+	+	+			+	+	
Proteaceae	*Grevillea wickhamii*															
Proteaceae	*Grevillea wickhamii* subsp. *aprica*		+	+					+	+		+	+			+
Proteaceae	*Grevillea wickhamii* subsp. *hispidula*															
Proteaceae	*Hakea lorea* subsp. *lorea*							+	+	+						
Pteridaceae	*Cheilanthes sieberi* subsp. *Sieberi*															
Pteridaceae	*Cheilanthes* sp.															
Rubiaceae	*Dolichocarpa crouchiana*						+					+				
Rubiaceae	*Synaptantha tillaeacea* var. *tillaeacea*											+				
Sapindaceae	*Atalaya hemiglauca*						+					+				
Sapindaceae	*Dodonaea coriacea*	+														
Scrophulariaceae	*Eremophila latrobei* subsp. *glabra*															
Scrophulariaceae	*Eremophila latrobei* ?subsp. *glabra*															
Scrophulariaceae	*Eremophila latrobei* subsp. *latrobei*															
Scrophulariaceae	*Eremophila longifolia*															
Solanaceae	*Nicotiana benthamiana*											+				
Solanaceae	*Nicotiana bilybara*															
Solanaceae	*Nicotiana occidentalis*															
Solanaceae	**Physalis angulata*															
Solanaceae	*Solanum ?centrale*															
Solanaceae	*Solanum cleistogamum*															
Solanaceae	*Solanum diversiflorum*						+	+		+	+					
Solanaceae	*Solanum gabrielae*				+					+						
Solanaceae	*Solanum horridum*											+				
Solanaceae	*Solanum lasiophyllum*					+										
Solanaceae	*Solanum lucani*															
Solanaceae	**Solanum nigrum*															
Solanaceae	*Solanum phlomoides*															
Solanaceae	*Solanum ?phlomoides*															
Solanaceae	*Solanum* sp.															
Stylidiaceae	*Stylidium desertorum*															
Typhaceae	*Typha domingensis*															
Violaceae	*Afrohybanthus aurantiacus*									+		+				
Violaceae	*Afrohybanthus ?aurantiacus*															

Family	Taxa	MB010	MB011	MB012	MB013	MB014	MB015	MB016	MB017	MB018	MB019	MB020	MB021	MB022	MB023	MB024
Violaceae	?*Afrohybanthus* sp.															
Zygophyllaceae	*Tribulus hirsutus*															
Zygophyllaceae	*Tribulus occidentalis*															
Zygophyllaceae	*Tribulus platypterus*						+					+				+
Zygophyllaceae	*Tribulus* ?*platypterus*															
Zygophyllaceae	*Tribulus suberosus*															

Sites MB025-MB039

Family	Taxa	MB025	MB026	MB027	MB028	MB029	MB030	MB031	MB032	MB033	MB034	MB035	MB036	MB037	MB038	MB039
Acanthaceae	*Rostellularia adscendens* var. *clementii*															
Aizoaceae	*Trianthema pilosum*												+			
Aizoaceae	**Trianthema portulacastrum*															
Aizoaceae	*Trianthema triquetrum*															
Aizoaceae	*Trianthema turgidifolium*														+	
Aizoaceae	*Zaleya galericulata* subsp. *galericulata*															
Amaranthaceae	*Achyranthes aspera*															
Amaranthaceae	**Aerva javanica*												+			
Amaranthaceae	*Alternanthera denticulata*															
Amaranthaceae	*Alternanthera denticulata* var. *denticulata*															
Amaranthaceae	*Alternanthera nana*							+								
Amaranthaceae	*Amaranthus cuspidifolius*															
Amaranthaceae	*Amaranthus undulatus*							+					+			
Amaranthaceae	*Gomphrena canescens*															
Amaranthaceae	*Gomphrena cunninghamii*	+							+							
Amaranthaceae	*Gomphrena kanisii*															
Amaranthaceae	*Gomphrena lanata*															
Amaranthaceae	*Gomphrena leptoclada* subsp. *leptoclada*			+		+					+					
Amaranthaceae	*Ptilotus astrolasius*															
Amaranthaceae	*Ptilotus auriculifolius*															
Amaranthaceae	*Ptilotus axillaris*															
Amaranthaceae	*Ptilotus calostachyus*															
Amaranthaceae	*Ptilotus clementii*															
Amaranthaceae	*Ptilotus exaltatus*															
Amaranthaceae	*Ptilotus fusiformis*	+														
Amaranthaceae	*Ptilotus gomphrenoides*															
Amaranthaceae	*Ptilotus incanus*															
Amaranthaceae	*Ptilotus mollis* **(P4)**															
Amaranthaceae	*Ptilotus obovatus*				+											
Amaranthaceae	*Ptilotus* sp.															
Amaranthaceae	?*Ptilotus* sp.															
Apocynaceae	**Calotropis procera*															
Apocynaceae	*Carissa lanceolata*															
Apocynaceae	*Cynanchum floribundum*															
Apocynaceae	*Cynanchum viminale* subsp. *australe*															
Apocynaceae	*Gymnanthera cunninghamii* **(P3)**															
Apocynaceae	*Gymnema erectum*															
Apocynaceae	*Vincetoxicum flexuosum*															
Araliaceae	*Trachymene oleracea*	+					+									

Family	Taxa	MB025	MB026	MB027	MB028	MB029	MB030	MB031	MB032	MB033	MB034	MB035	MB036	MB037	MB038	MB039
Araliaceae	*Trachymene oleracea* subsp. *oleracea*															
Araliaceae	*Trachymene pilbarensis*															
Asteraceae	*Blumea tenella*															
Asteraceae	*Centipeda minima* subsp. *macrocephala*															
Asteraceae	*Chrysocephalum apiculatum* subsp. *pilbarense*															
Asteraceae	*Chrysocephalum* sp.															
Asteraceae	**Flaveria trinervia*															
Asteraceae	*Olearia fluvialis*															
Asteraceae	*Pentalepis trichodesmoides* subsp. *trichodesmoides*								+	+						
Asteraceae	*Pluchea dentex*															
Asteraceae	*Pluchea ferdinandi-muelleri*				+							+	+		+	
Asteraceae	*Pluchea rubelliflora*															
Asteraceae	*?Pluchea rubelliflora*															
Asteraceae	*Pluchea tetranthera*				+							+				
Asteraceae	*Pterocaulon serrulatum* var. *velutinum*															
Asteraceae	*Pterocaulon sphacelatum*															
Asteraceae	**Sonchus oleraceus*															
Asteraceae	*Streptoglossa ?bubakii*															
Asteraceae	*Streptoglossa decurrens*															
Asteraceae	*Streptoglossa ?decurrens*															
Asteraceae	*Vittadinia dissecta* var. *hirta*															
Bixaceae	*Cochlospermum macnamarae* **(P1)**															
Boraginaceae	*Ehretia saligna* var. *saligna*															
Boraginaceae	*Euploca chrysocarpa*															
Boraginaceae	*Euploca ?chrysocarpa*															
Boraginaceae	*Euploca conocarpa*															
Boraginaceae	*Euploca cunninghamii*										+				+	
Boraginaceae	*Euploca ?cunninghamii*															
Boraginaceae	*Euploca heterantha*															
Boraginaceae	*Euploca pachyphylla*															
Boraginaceae	*Euploca ?pachyphylla*															
Boraginaceae	*Euploca skeleton*															
Boraginaceae	*Euploca tanythrix*															
Boraginaceae	*Euploca tenuifolia*															
Boraginaceae	*Heliotropium crispatum*															
Boraginaceae	*Heliotropium murinum* **(P3)**			+											+	
Boraginaceae	*Heliotropium ?murinum* **(P3)**															
Boraginaceae	*Heliotropium* sp. 1															
Boraginaceae	*Heliotropium* sp. 2															
Boraginaceae	*Trichodesma zeylanicum*		+		+											

Family	Taxa	MB025	MB026	MB027	MB028	MB029	MB030	MB031	MB032	MB033	MB034	MB035	MB036	MB037	MB038	MB039
Boraginaceae	*Trichodesma zeylanicum* var. *zeylanicum*															
Brassicaceae	*Lepidium pedicellosum*															
Byblidaceae	*Byblis pilbarana*															
Campanulaceae	*Wahlenbergia tumidifructa*															
Capparaceae	*Capparis spinosa* subsp. *nummularia*															
Caryophyllaceae	*Polycarpaea corymbosa* var. *corymbosa*	+	+	+			+					+		+	+	
Caryophyllaceae	*Polycarpaea holtzei*		+	+						+				+		+
Caryophyllaceae	*Polycarpaea longiflora*	+														
Celastraceae	*Stackhousia intermedia*															
Celastraceae	*Stackhousia* ? *intermedia*															
Celastraceae	*Stackhousia muricata*															
Chenopodiaceae	*Dysphania kalpari*															
Chenopodiaceae	*Dysphania plantaginella*															
Chenopodiaceae	*Dysphania rhadinostachya*															
Chenopodiaceae	*Dysphania rhadinostachya* subsp. *inflata*															
Chenopodiaceae	*Dysphania rhadinostachya* subsp. *rhadinostachya*															
Chenopodiaceae	*Dysphania* sp.															
Chenopodiaceae	? *Dysphania* sp.															
Chenopodiaceae	*Dysphania sphaerosperma*															
Chenopodiaceae	*Sclerolaena costata*														+	
Chenopodiaceae	*Sclerolaena densiflora*															
Chenopodiaceae	*Sclerolaena hostilis*															
Cleomaceae	*Arivela viscosa*		+	+				+				+	+		+	
Combretaceae	*Terminalia circumalata*															
Combretaceae	*Terminalia* sp.															
Combretaceae	? *Terminalia* sp. 1															
Combretaceae	? *Terminalia* sp. 2															
Combretaceae	? *Terminalia* sp. 3															
Combretaceae	? *Terminalia* sp. 4															
Commelinaceae	*Commelina ensifolia*	+														
Convolvulaceae	*Bonamia alatisemina*															
Convolvulaceae	*Bonamia* ? *alatisemina*															
Convolvulaceae	*Bonamia erecta*															
Convolvulaceae	*Bonamia linearis*															
Convolvulaceae	*Bonamia media*															
Convolvulaceae	*Bonamia* ? *media*															
Convolvulaceae	*Bonamia pannosa*	+	+													+
Convolvulaceae	*Bonamia pilbarensis*										+					
Convolvulaceae	*Bonamia* ? *pilbarensis*															
Convolvulaceae	*Bonamia* sp. 1															

Family	Taxa	MB025	MB026	MB027	MB028	MB029	MB030	MB031	MB032	MB033	MB034	MB035	MB036	MB037	MB038	MB039
Convolvulaceae	*Bonamia* sp. 2															
Convolvulaceae	*Evolvulus alsinoides*															+
Convolvulaceae	*Evolvulus alsinoides* var. *villosicalyx*	+		+		+	+	+						+	+	
Convolvulaceae	*Ipomoea coptica*															
Convolvulaceae	*Ipomoea lonchophylla*															
Convolvulaceae	*Ipomoea muelleri*															
Convolvulaceae	*Ipomoea polymorpha*															
Convolvulaceae	*Operculina aequisepala*															
Convolvulaceae	*Polymeria ambigua*								+	+				+	+	+
Convolvulaceae	*Polymeria calycina*															
Convolvulaceae	*Polymeria lanata*															
Convolvulaceae	*Polymeria mollis*															
Convolvulaceae	*Polymeria ? mollis*															
Cucurbitaceae	*Austrobryonia pilbarensis*															
Cucurbitaceae	**Citrullus colocynthis*															
Cucurbitaceae	*Cucumis melo*															
Cucurbitaceae	**Cucumis myriocarpus* subsp. *myriocarpus*															
Cucurbitaceae	*Cucumis* sp. Chichester Range (A.A. Mitchell et al. AAM 10691)															
Cucurbitaceae	*Cucumis variabilis*	+	+						+		+		+	+	+	
Cucurbitaceae	*Trichosanthes cucumerina* var. *cucumerina*															
Cyperaceae	*Bulbostylis barbata*	+	+	+			+					+			+	+
Cyperaceae	*Bulbostylis burbidgeae* **(P4)**															
Cyperaceae	*Bulbostylis turbinata*								+			+				
Cyperaceae	*Cyperus bifax*						+									
Cyperaceae	*Cyperus bulbosus*															
Cyperaceae	*Cyperus cunninghamii* subsp. *cunninghamii*															
Cyperaceae	*Cyperus dactylotes*															
Cyperaceae	*Cyperus difformis*															
Cyperaceae	*Cyperus hesperius*															
Cyperaceae	*Cyperus ixiocarpus*	+											+			
Cyperaceae	*Cyperus microcephalus* subsp. *microcephalus*															
Cyperaceae	*Cyperus* sp. 1															
Cyperaceae	*Cyperus* sp. 2															
Cyperaceae	*Cyperus squarrosus*	+														
Cyperaceae	*Cyperus vaginatus*															
Cyperaceae	*Fimbristylis dichotoma*															
Cyperaceae	*Fimbristylis elegans*															
Cyperaceae	*Fimbristylis simulans*						+		+							
Cyperaceae	*Fimbristylis* sp.															
Cyperaceae	*Fuirena ciliaris*															

Family	Taxa	MB025	MB026	MB027	MB028	MB029	MB030	MB031	MB032	MB033	MB034	MB035	MB036	MB037	MB038	MB039
Elatinaceae	*Bergia pedicellaris*															
Euphorbiaceae	*Adriana tomentosa*															
Euphorbiaceae	*Adriana tomentosa* var. *tomentosa*															
Euphorbiaceae	*Adriana tomentosa* ?var. *tomentosa*															
Euphorbiaceae	*Euphorbia ? australis*															
Euphorbiaceae	*Euphorbia australis* var. *subtomentosa*		+			+		+					+		+	
Euphorbiaceae	*Euphorbia biconvexa*															
Euphorbiaceae	*Euphorbia boophthona*															
Euphorbiaceae	*Euphorbia careyi*								+	+	+		+			
Euphorbiaceae	*Euphorbia coghlanii*							+								
Euphorbiaceae	*Euphorbia inappendiculata* var. *inappendiculata* **(P3)**															
Euphorbiaceae	*Euphorbia* sp. 1															
Euphorbiaceae	*Euphorbia* sp. 2															+
Euphorbiaceae	*Euphorbia tannensis* subsp. *eremophila*	+														
Euphorbiaceae	*Euphorbia ? tannensis* subsp. *eremophila*															
Euphorbiaceae	*Euphorbia trigonosperma*															
Euphorbiaceae	*Mallotus nesophilus*															
Fabaceae	*Acacia acradenia*															
Fabaceae	*Acacia adoxa* var. *adoxa*															
Fabaceae	*Acacia adsurgens*															
Fabaceae	*Acacia ampliceps*	+											+			
Fabaceae	*Acacia ampliceps x sclerosperma* subsp. *sclerosperma*															
Fabaceae	*Acacia ancistrocarpa*		+	+										+	+	+
Fabaceae	*Acacia aptaneura*															
Fabaceae	*Acacia arida*															
Fabaceae	*Acacia bivenosa*							+			+					
Fabaceae	*Acacia ? bivenosa*															
Fabaceae	*Acacia colei*															
Fabaceae	*Acacia colei* var. *colei*															
Fabaceae	*Acacia colei* ?var. *colei*															
Fabaceae	*Acacia coriacea* subsp. *pendens*															
Fabaceae	*Acacia elachantha*															
Fabaceae	*Acacia eriopoda*						+									
Fabaceae	*Acacia eriopoda x trachycarpa*															
Fabaceae	*Acacia hilliana*															
Fabaceae	*Acacia holosericea*															
Fabaceae	*Acacia inaequilatera*		+	+	+	+			+			+		+	+	+
Fabaceae	*Acacia levata* **(P3)**															
Fabaceae	*Acacia maitlandii*						+									+

Family	Taxa	MB025	MB026	MB027	MB028	MB029	MB030	MB031	MB032	MB033	MB034	MB035	MB036	MB037	MB038	MB039
Fabaceae	*Acacia monticola*							+								
Fabaceae	*Acacia orthocarpa*						+					+				
Fabaceae	*Acacia pruinocarpa*															
Fabaceae	*Acacia ptychophylla*															
Fabaceae	*Acacia pyrifolia*							+				+	+			
Fabaceae	*Acacia pyrifolia* var. *morrisonii*															
Fabaceae	*Acacia pyrifolia* var. *pyrifolia*															
Fabaceae	*Acacia retivenea* subsp. *clandestina*															
Fabaceae	*Acacia sericophylla*	+														
Fabaceae	*Acacia sibirica*															
Fabaceae	*Acacia* sp. 1															
Fabaceae	*Acacia* sp. 2															
Fabaceae	*Acacia* sp. 3															
Fabaceae	*Acacia* sp. 4															
Fabaceae	*Acacia* sp. 5															
Fabaceae	*Acacia* sp. 6															
Fabaceae	*Acacia* sp. 7															
Fabaceae	*Acacia* sp. 8															
Fabaceae	*Acacia* sp. 9															
Fabaceae	*Acacia sphaerostachya*															
Fabaceae	*Acacia spondylophylla*															
Fabaceae	*Acacia stellaticeps*															
Fabaceae	*Acacia synchronicia*															
Fabaceae	*Acacia trachycarpa*	+											+			
Fabaceae	*Acacia trachycarpa x tumida* var. *pilbarensis*															
Fabaceae	*Acacia tumida* var. *pilbarensis*							+								
Fabaceae	*Acacia victoriae* subsp. *victoriae*															
Fabaceae	*Alysicarpus muelleri*		+						+			+	+	+	+	+
Fabaceae	*Cajanus cinereus*															
Fabaceae	*Cajanus ? cinereus*															
Fabaceae	*Cajanus pubescens*															
Fabaceae	*Cajanus* sp. 1															
Fabaceae	*Cajanus* sp. 2															
Fabaceae	*Cajanus* sp. 3															
Fabaceae	*Crotalaria cunninghamii* subsp. *sturtii*	+											+			
Fabaceae	*Crotalaria ? cunninghamii* subsp. *sturtii*															
Fabaceae	*Crotalaria medicaginea* var. *neglecta*								+		+	+		+		
Fabaceae	*Crotalaria novae-hollandiae* subsp. *novae-hollandiae*															
Fabaceae	*Cullen lachnostachys*															
Fabaceae	*Cullen leucanthum*								+	+			+			

Family	Taxa	MB025	MB026	MB027	MB028	MB029	MB030	MB031	MB032	MB033	MB034	MB035	MB036	MB037	MB038	MB039
Fabaceae	*Cullen leucochaites*															
Fabaceae	*Cullen martinii*															
Fabaceae	*Cullen pallidum*															
Fabaceae	*Cullen pogonocarpum*															
Fabaceae	*Cullen pustulatum*															
Fabaceae	*Cullen ?pustulatum*															
Fabaceae	*Cullen* sp. 1															
Fabaceae	*Cullen* sp. 2															
Fabaceae	*Cullen stipulaceum*		+													
Fabaceae	*Dichrostachys spicata*															
Fabaceae	*Erythrina vespertilio*															
Fabaceae	*Glycine canescens*															
Fabaceae	*Grona filiformis*															
Fabaceae	*Indigastrum parviflorum*															
Fabaceae	*Indigofera colutea*		+				+					+	+	+	+	+
Fabaceae	*Indigofera deserticola*										+					
Fabaceae	*Indigofera hirsuta*															
Fabaceae	*Indigofera linifolia*				+						+	+				
Fabaceae	*Indigofera linnaei*															
Fabaceae	*Indigofera monophylla*		+	+	+		+	+		+						
Fabaceae	*Indigofera rugosa*								+							
Fabaceae	**Indigofera sessiliflora*															
Fabaceae	*Indigofera* sp. 1															
Fabaceae	*Indigofera* sp. 2															
Fabaceae	*Indigofera* sp. 3															
Fabaceae	*Indigofera trita*							+								
Fabaceae	*Indigofera trita* subsp. *trita*															
Fabaceae	*Indigofera trita* ?subsp. *trita*															
Fabaceae	*Isotropis atropurpurea*															
Fabaceae	*Neptunia* sp.															
Fabaceae	*Petalostylis labicheoides*															
Fabaceae	*Rhynchosia australis*															
Fabaceae	*Rhynchosia minima*	+		+		+		+	+		+	+		+	+	+
Fabaceae	*Rhynchosia* sp. 1															
Fabaceae	*Rhynchosia* sp. 2															
Fabaceae	*Rhynchosia* sp. 3															
Fabaceae	*Rhynchosia* sp. 4															
Fabaceae	*Rhynchosia* sp. 5															
Fabaceae	*Rhynchosia* sp. 6															
Fabaceae	*Senna artemisioides* subsp. *helmsii*															

Family	Taxa	MB025	MB026	MB027	MB028	MB029	MB030	MB031	MB032	MB033	MB034	MB035	MB036	MB037	MB038	MB039
Fabaceae	*Senna artemisioides* subsp. *helmsii x oligophylla*															
Fabaceae	*Senna artemisioides* subsp. *oligophylla*										+					
Fabaceae	*Senna ferraria*															
Fabaceae	*Senna glaucifolia*															
Fabaceae	*Senna glutinosa*					+										
Fabaceae	*Senna* ? *glutinosa*															
Fabaceae	*Senna glutinosa* subsp. *glutinosa*							+		+		+				
Fabaceae	*Senna glutinosa* subsp. *pruinosa*										+					
Fabaceae	*Senna glutinosa* subsp. *x luerssenii*															
Fabaceae	*Senna notabilis*		+	+	+	+							+	+	+	+
Fabaceae	*Senna symonii*								+	+	+	+				
Fabaceae	*Senna venusta*															
Fabaceae	*Sesbania cannabina*												+			
Fabaceae	*Sesbania formosa*															
Fabaceae	*Swainsona decurrens*										+					
Fabaceae	*Swainsona formosa*															
Fabaceae	*Swainsona* ? *formosa*															
Fabaceae	*Swainsona* sp. 1															
Fabaceae	*Swainsona* sp. 2															
Fabaceae	*Swainsona stenodonta*															
Fabaceae	*Templetonia hookeri*															
Fabaceae	*Tephrosia clementii*															
Fabaceae	*Tephrosia densa*	+														
Fabaceae	*Tephrosia leptoclada*															
Fabaceae	*Tephrosia rosea*															
Fabaceae	*Tephrosia rosea* var. *clementii*					+		+								
Fabaceae	*Tephrosia rosea* ?var. *clementii*															
Fabaceae	? *Tephrosia* sp.															
Fabaceae	*Tephrosia* sp. 1															
Fabaceae	*Tephrosia* sp. 2															
Fabaceae	*Tephrosia* sp. B Kimberley Flora (C.A. Gardner 7300)															
Fabaceae	*Tephrosia* sp. Bungaroo Creek (M.E. Trudgen 11601)															
Fabaceae	*Tephrosia* sp. clay soils (S. van Leeuwen et al. PBS 0273)															
Fabaceae	*Tephrosia* sp. D Kimberley Flora (R.D. Royce 1848)															
Fabaceae	*Tephrosia* sp. Newman (A.A. Mitchell PRP 29)															

Family	Taxa	MB025	MB026	MB027	MB028	MB029	MB030	MB031	MB032	MB033	MB034	MB035	MB036	MB037	MB038	MB039
Fabaceae	*Tephrosia* sp. *NW Eremaean (S. van Leeuwen et al. PBS 0356)*															
Fabaceae	*Tephrosia supina*		+		+						+			+		
Fabaceae	*Tephrosia* ? *supina*															+
Fabaceae	*Tephrosia virens*															
Fabaceae	*Tephrosia* ? *virens*															
Fabaceae	* *Vachellia farnesiana* var. *farnesiana*															
Fabaceae	*Vigna lanceolata* var. *lanceolata*	+														
Fabaceae	*Vigna* sp. Hamersley Clay (A.A. Mitchell PRP 113)															
Fabaceae	*Zornia albiflora*		+													
Goodeniaceae	*Dampiera candicans*						+					+				
Goodeniaceae	*Dampiera* sp.															
Goodeniaceae	*Goodenia armitiana*															
Goodeniaceae	*Goodenia cusackiana*		+	+	+									+		
Goodeniaceae	*Goodenia* ? *cusackiana*															
Goodeniaceae	*Goodenia lamprosperma*															
Goodeniaceae	*Goodenia microptera*															
Goodeniaceae	*Goodenia muelleriana*															
Goodeniaceae	*Goodenia* ? *muelleriana*															
Goodeniaceae	*Goodenia nuda*															
Goodeniaceae	*Goodenia scaevolina*															
Goodeniaceae	*Goodenia* sp. 1															
Goodeniaceae	*Goodenia* sp. 2															
Goodeniaceae	*Goodenia stobbsiana*						+									
Goodeniaceae	*Goodeniaceae* sp.															
Goodeniaceae	*Scaevola amblyanthera* var. *centralis*			+												
Goodeniaceae	*Scaevola* ? *amblyanthera* var. *centralis*															
Goodeniaceae	*Scaevola browniana* subsp. *browniana*															
Goodeniaceae	*Scaevola parvifolia*	+														
Goodeniaceae	*Scaevola* sp.															
Gyrostemonaceae	*Codonocarpus cotinifolius*															
Haloragaceae	*Gonocarpus ephemerus*															
Haloragaceae	*Haloragis* ? *gossei*															
Haloragaceae	*Haloragis gossei* var. *gossei*															
Haloragaceae	*Haloragis gossei* ?var. *gossei*															
Haloragaceae	*Haloragis* sp. 1															
Haloragaceae	*Haloragis* sp. 2															
Lamiaceae	*Basilicum polystachyon*															
Lamiaceae	*Clerodendrum floribundum* var. *angustifolium*															
Lamiaceae	*Clerodendrum floribundum* var. ? *angustifolium*															

Family	Taxa	MB025	MB026	MB027	MB028	MB029	MB030	MB031	MB032	MB033	MB034	MB035	MB036	MB037	MB038	MB039
Lamiaceae	*Clerodendrum tomentosum* var. *lanceolatum*															
Lamiaceae	*Clerodendrum tomentosum* var. *tomentosum*															
Lamiaceae	*Quoya zonalis* **(T)**															
Lauraceae	*Cassytha capillaris*	+			+											
Lauraceae	*Cassytha filiformis*															
Lauraceae	*Cassytha* sp. 1															
Lauraceae	*Cassytha* sp. 2															
Lauraceae	*Cassytha* sp. 3															
Loganiaceae	*Mitrasacme connata*															
Loranthaceae	*Lysiana casuarinae*															
Lythraceae	*Ammannia baccifera*															
Lythraceae	*Ammannia multiflora*															
Lythraceae	*Ammannia* sp. 1															
Lythraceae	*Ammannia* sp. 2															
Lythraceae	*Ammannia* sp. 3															
Lythraceae	*Ammannia* sp. 4															
Malvaceae	*Abutilon fraseri* subsp. *fraseri*															
Malvaceae	*Abutilon lepidum*															
Malvaceae	*Abutilon* ? *leucopetalum*															
Malvaceae	*Abutilon macrum*															
Malvaceae	*Abutilon* sp. 1															
Malvaceae	*Abutilon* sp. 2															
Malvaceae	*Abutilon* sp. 3															
Malvaceae	*Abutilon* sp. Dioicum (A.A. Mitchell PRP 1618)															
Malvaceae	*Abutilon* sp. Pilbara (W.R. Barker 2025)															
Malvaceae	*Brachychiton acuminatus*															
Malvaceae	*Corchorus incanus*		+	+	+									+		+
Malvaceae	*Corchorus* ? *incanus*															
Malvaceae	*Corchorus incanus* subsp. *incanus*															
Malvaceae	*Corchorus* ? *incanus* subsp. *incanus*															
Malvaceae	*Corchorus laniflorus*															
Malvaceae	*Corchorus lasiocarpus* subsp. *lasiocarpus*															
Malvaceae	*Corchorus parviflorus*				+	+	+		+	+	+	+	+		+	+
Malvaceae	*Corchorus* ? *parviflorus*															
Malvaceae	*Corchorus* sp. 1															
Malvaceae	*Corchorus* sp. 2															
Malvaceae	*Corchorus tridens*															
Malvaceae	*Corchorus trilocularis*															
Malvaceae	*Corchorus walcottii*															
Malvaceae	*Gossypium australe*								+							
Malvaceae	*Gossypium robinsonii*							+								

Family	Taxa	MB025	MB026	MB027	MB028	MB029	MB030	MB031	MB032	MB033	MB034	MB035	MB036	MB037	MB038	MB039
Malvaceae	*Hibiscus austrinus* var. *austrinus*	+														
Malvaceae	*Hibiscus brachychlaenus*															
Malvaceae	*Hibiscus burtonii*															
Malvaceae	*Hibiscus coatesii*															
Malvaceae	*Hibiscus goldsworthii*															
Malvaceae	*Hibiscus leptocladus*															
Malvaceae	*Hibiscus sturtii*															
Malvaceae	*Hibiscus* ? *sturtii*															
Malvaceae	? *Hibiscus sturtii*															
Malvaceae	*Hibiscus sturtii* var. *campylochlamys*															
Malvaceae	*Hibiscus sturtii* var. *platychlamys*	+														
Malvaceae	MALVACEAE sp. 1															
Malvaceae	MALVACEAE sp. 2															
Malvaceae	MALVACEAE sp. 3															
Malvaceae	* *Malvastrum americanum*															
Malvaceae	*Melhania oblongifolia*															
Malvaceae	*Seringia nephrosperma*															
Malvaceae	*Sida arenicola*	+														+
Malvaceae	*Sida arsiniata*															
Malvaceae	*Sida cardiophylla*	+		+	+	+								+		
Malvaceae	*Sida clementii*															
Malvaceae	*Sida echinocarpa*															
Malvaceae	*Sida* ? *echinocarpa*															
Malvaceae	*Sida fibulifera*							+								
Malvaceae	*Sida* ? *fibulifera*															
Malvaceae	*Sida macropoda*															
Malvaceae	*Sida* ? *macropoda*															
Malvaceae	*Sida platycalyx*															
Malvaceae	*Sida rohlenae* subsp. *rohlenae*	+						+						+		
Malvaceae	*Sida* sp. 1															
Malvaceae	*Sida* sp. 2															
Malvaceae	*Sida* sp. 3															
Malvaceae	*Sida* sp. articulation below (A.A. Mitchell PRP 1605)															
Malvaceae	*Sida* sp. Excedentifolia (J.L. Egan 1925)															
Malvaceae	*Sida* sp. Pilbara (A.A. Mitchell PRP 1543)				+											
Malvaceae	*Sida* sp. spiciform panicles (E. Leyland s.n. 14/8/90)															
Malvaceae	*Sida spinosa*															
Malvaceae	*Triumfetta appendiculata*															
Malvaceae	*Triumfetta* ? *appendiculata*															

Family	Taxa	MB025	MB026	MB027	MB028	MB029	MB030	MB031	MB032	MB033	MB034	MB035	MB036	MB037	MB038	MB039
Malvaceae	*Triumfetta chaetocarpa*			+												
Malvaceae	*Triumfetta clementii*															
Malvaceae	*Triumfetta johnstonii*															
Malvaceae	*Triumfetta leptacantha*															
Malvaceae	*Triumfetta maconochieana*					+					+					
Malvaceae	*Triumfetta propinqua*															
Malvaceae	*Triumfetta ramosa*															
Malvaceae	*Triumfetta* sp. 1															
Malvaceae	*Triumfetta* sp. 2															
Malvaceae	*Waltheria indica*							+								
Malvaceae	*Waltheria virgata*															
Marsileaceae	*Marsilea exarata*															
Marsileaceae	*Marsilea hirsuta*															
Marsileaceae	*Marsilea* sp. 1															
Marsileaceae	*Marsilea* sp. 2															
Menispermaceae	*Tinospora smilacina*															
Molluginaceae	*Hypertelis cerviana*															
Molluginaceae	*Trigastrotheca molluginea*		+	+	+		+	+			+					+
Montiaceae	*Calandrinia ptychosperma*															
Montiaceae	*Calandrinia ? pumila*															
Montiaceae	*Calandrinia ? stagnensis*															
Montiaceae	*Calandrinia tepperiana*	+														
Moraceae	*Ficus aculeata* var. *indecora*															
Moraceae	*Ficus brachypoda*															
Myrtaceae	*Corymbia candida* subsp. *candida*															
Myrtaceae	*Corymbia ? candida* subsp. *candida*															
Myrtaceae	*Corymbia flavescens*															
Myrtaceae	*Corymbia hamersleyana*															
Myrtaceae	*Corymbia ? hamersleyana*															
Myrtaceae	*? Corymbia hamersleyana*															
Myrtaceae	*? Corymbia* sp.															
Myrtaceae	*Corymbia* sp. 1															
Myrtaceae	*Corymbia* sp. 2															
Myrtaceae	*Corymbia* sp. 3															
Myrtaceae	*Eucalyptus camaldulensis*															
Myrtaceae	*Eucalyptus ? camaldulensis*															
Myrtaceae	*Eucalyptus camaldulensis* subsp. *refulgens*												+			
Myrtaceae	*Eucalyptus camaldulensis* ?subsp. *refulgens*															
Myrtaceae	*Eucalyptus leucophloia*															
Myrtaceae	*Eucalyptus leucophloia* subsp. *leucophloia*															
Myrtaceae	*Eucalyptus ? leucophloia* subsp. *leucophloia*															

Family	Taxa	MB025	MB026	MB027	MB028	MB029	MB030	MB031	MB032	MB033	MB034	MB035	MB036	MB037	MB038	MB039
Myrtaceae	*Eucalyptus* sp. 1															
Myrtaceae	*Eucalyptus* sp. 2															
Myrtaceae	*Eucalyptus victrix*							+								
Myrtaceae	*Melaleuca argentea*															
Myrtaceae	*Melaleuca bracteata*															
Myrtaceae	*Melaleuca glomerata*												+			
Myrtaceae	*Melaleuca ? glomerata*															
Myrtaceae	*Melaleuca linophylla*															
Myrtaceae	*Melaleuca ? linophylla*															
Nyctaginaceae	*Boerhavia burbidgeana*															
Nyctaginaceae	*Boerhavia coccinea*		+								+				+	
Nyctaginaceae	*Boerhavia ? coccinea*															
Nyctaginaceae	*Boerhavia gardneri*			+						+			+			
Nyctaginaceae	*Boerhavia* sp.															
Oleaceae	*Jasminum didymum* subsp. *lineare*															
Onagraceae	*Ludwigia perennis*															
Papaveraceae	**Argemone ochroleuca* subsp. *ochroleuca*															
Pedaliaceae	*Josephinia eugeniae*															
Pedaliaceae	*Josephinia* sp. Mt Edgar Station (N.T. Burbidge 1194)															
Phyllanthaceae	*Cathetus* sp.															
Phyllanthaceae	*Cathetus virgatus*															
Phyllanthaceae	*Flueggea virosa* subsp. *melanthesoides*															
Phyllanthaceae	*Kirganelia baccata*															
Phyllanthaceae	*Nellica maderaspatensis*															
Phyllanthaceae	*Notoleptopus decaisnei*	+						+								
Phyllanthaceae	*Phyllanthus hebecarpus* **(P3)**															
Pittosporaceae	*Pittosporum angustifolium*															
Plantaginaceae	*Stemodia grossa*	+											+		+	
Plantaginaceae	*Stemodia kingii*															
Plantaginaceae	*Stemodia viscosa*															
Poaceae	*Aristida burbidgeae*															
Poaceae	*Aristida contorta*		+				+					+		+	+	+
Poaceae	*?Aristida contorta*															
Poaceae	*Aristida holathera* var. *holathera*		+		+											
Poaceae	*Aristida inaequiglumis*															
Poaceae	**Cenchrus ciliaris*	+	+	+	+	+							+			
Poaceae	**Cenchrus setiger*							+					+			
Poaceae	*Cenchrus* sp.															
Poaceae	**Chloris barbata*												+			
Poaceae	*Chloris pumilio*															

Family	Taxa	MB025	MB026	MB027	MB028	MB029	MB030	MB031	MB032	MB033	MB034	MB035	MB036	MB037	MB038	MB039
Poaceae	**Chloris virgata*															
Poaceae	*Chrysopogon fallax*							+								
Poaceae	*Cymbopogon ambiguus*	+	+			+	+	+	+	+	+		+			
Poaceae	*Cymbopogon obtectus*															
Poaceae	*Cymbopogon procerus*															
Poaceae	*Cynodon convergens*															
Poaceae	**Cynodon dactylon*															
Poaceae	*Cynodon prostratus*											+			+	+
Poaceae	*Dactyloctenium radulans*							+					+		+	+
Poaceae	*Dichanthium fecundum*															
Poaceae	*Dichanthium sericeum* subsp. *humilius*															
Poaceae	*Digitaria brownii*															
Poaceae	*Digitaria ctenantha*															
Poaceae	*Diplachne fusca* subsp. *fusca*															
Poaceae	**Echinochloa colona*															
Poaceae	*Enneapogon caerulescens*	+						+						+	+	+
Poaceae	*Enneapogon ?caerulescens*		+													
Poaceae	*Enneapogon lindleyanus*															
Poaceae	*Enneapogon polyphyllus*		+			+									+	+
Poaceae	*Enneapogon* sp.															
Poaceae	*Eragrostis crateriformis* **(P3)**															
Poaceae	*Eragrostis cumingii*	+														
Poaceae	*Eragrostis desertorum*															
Poaceae	*Eragrostis dielsii*															
Poaceae	*Eragrostis eriopoda*															
Poaceae	*Eragrostis exigua*															
Poaceae	**Eragrostis minor*														+	
Poaceae	*Eragrostis olida*				+											
Poaceae	*Eragrostis* sp. 1															
Poaceae	*Eragrostis* sp. 2															
Poaceae	*Eragrostis tenellula*															
Poaceae	*Eragrostis ?tenellula*															
Poaceae	*Eriachne aristidea*															
Poaceae	*Eriachne benthamii*	+						+		+						
Poaceae	*Eriachne ciliata*						+									
Poaceae	*Eriachne flaccida*															
Poaceae	*Eriachne helmsii*															
Poaceae	*Eriachne melicacea*							+								
Poaceae	*Eriachne mucronata*					+										
Poaceae	*Eriachne obtusa*															
Poaceae	*Eriachne pulchella*															

Family	Taxa	MB025	MB026	MB027	MB028	MB029	MB030	MB031	MB032	MB033	MB034	MB035	MB036	MB037	MB038	MB039
Poaceae	*Eriachne pulchella* subsp. *dominii*			+			+					+			+	+
Poaceae	*Eriachne pulchella* subsp. *pulchella*															
Poaceae	*Eriachne* sp. 1															
Poaceae	*Eriachne* sp. 2															
Poaceae	*Eriachne* sp. 3															
Poaceae	*Eriachne* sp. 4															
Poaceae	*Eriachne* sp. Dugald River (B.K. Simon+ 3007)															
Poaceae	*Eriachne tenuiculmis*															
Poaceae	*Eulalia aurea*															
Poaceae	*Iseilema dolichotrichum*											+			+	
Poaceae	*Iseilema membranaceum*															
Poaceae	*Panicum australiense*													+		
Poaceae	*Panicum australiense* var. *australiense*															
Poaceae	*Paraneurachne muelleri*			+	+											
Poaceae	*Paspalidium basicladum*															
Poaceae	*Paspalidium clementii*															
Poaceae	*Paspalidium jubiflorum*															
Poaceae	*Paspalidium rarum*															
Poaceae	*Perotis rara*	+					+									
Poaceae	POACEAE sp. 1															
Poaceae	POACEAE sp. 2															
Poaceae	POACEAE sp. 3															
Poaceae	*Schizachyrium fragile*															
Poaceae	**Setaria verticillata*															
Poaceae	*Sporobolus actinocladus*												+		+	
Poaceae	*Sporobolus australasicus*							+								
Poaceae	*Sporobolus ramigerus*											+	+			
Poaceae	*Themeda triandra*							+		+						
Poaceae	*Themeda ? triandra*															
Poaceae	*Triodia angusta*															
Poaceae	*Triodia ? angusta*															
Poaceae	*Triodia brizoides*								+	+		+				
Poaceae	*Triodia ? brizoides*															
Poaceae	*Triodia epactia*		+	+	+	+	+	+		+	+	+		+	+	+
Poaceae	*Triodia ? epactia*															
Poaceae	*Triodia lanigera*															
Poaceae	*Triodia longiceps*	+											+		+	
Poaceae	*Triodia secunda*															
Poaceae	*Triodia wiseana*										+					
Poaceae	*Triodia ? wiseana*															
Poaceae	*Tripogonella loliiformis*															

Family	Taxa	MB025	MB026	MB027	MB028	MB029	MB030	MB031	MB032	MB033	MB034	MB035	MB036	MB037	MB038	MB039
Poaceae	*Whiteochloa cymbiformis*															
Polygalaceae	*Polygala glaucifolia*															
Polygalaceae	*Polygala isingii*															
Polygalaceae	*Polygala* sp.															
Portulacaceae	*Portulaca filifolia*															
Portulacaceae	*Portulaca oleracea*			+		+									+	+
Potamogetonaceae	*Potamogeton tepperi*															
Proteaceae	*Grevillea pyramidalis* subsp. *leucadendron*				+	+		+	+		+	+		+	+	+
Proteaceae	*Grevillea wickhamii*															
Proteaceae	*Grevillea wickhamii* subsp. *aprica*				+	+	+	+	+	+					+	+
Proteaceae	*Grevillea wickhamii* subsp. *hispidula*															
Proteaceae	*Hakea lorea* subsp. *lorea*								+	+						
Pteridaceae	*Cheilanthes sieberi* subsp. *Sieberi*															
Pteridaceae	*Cheilanthes* sp.															
Rubiaceae	*Dolichocarpa crouchiana*															
Rubiaceae	*Synaptantha tillaeacea* var. *tillaeacea*			+			+									
Sapindaceae	*Atalaya hemiglauca*															
Sapindaceae	*Dodonaea coriacea*								+	+						
Scrophulariaceae	*Eremophila latrobei* subsp. *glabra*					+								+	+	
Scrophulariaceae	*Eremophila latrobei* ?subsp. *glabra*															
Scrophulariaceae	*Eremophila latrobei* subsp. *latrobei*															
Scrophulariaceae	*Eremophila longifolia*															
Solanaceae	*Nicotiana benthamiana*															
Solanaceae	*Nicotiana bilybara*															
Solanaceae	*Nicotiana occidentalis*															
Solanaceae	**Physalis angulata*															
Solanaceae	*Solanum ?centrale*															
Solanaceae	*Solanum cleistogamum*															
Solanaceae	*Solanum diversiflorum*	+					+							+		
Solanaceae	*Solanum gabrielae*			+		+										
Solanaceae	*Solanum horridum*															
Solanaceae	*Solanum lasiophyllum*															
Solanaceae	*Solanum lucani*															
Solanaceae	**Solanum nigrum*															
Solanaceae	*Solanum phlomoides*	+					+									
Solanaceae	*Solanum ?phlomoides*															
Solanaceae	*Solanum* sp.															
Stylidiaceae	*Stylidium desertorum*															
Typhaceae	*Typha domingensis*															
Violaceae	*Afrohybanthus aurantiacus*		+			+		+								
Violaceae	*Afrohybanthus ?aurantiacus*															

Family	Taxa	MB025	MB026	MB027	MB028	MB029	MB030	MB031	MB032	MB033	MB034	MB035	MB036	MB037	MB038	MB039
Violaceae	?*Afrohybanthus* sp.															
Zygophyllaceae	*Tribulus hirsutus*			+	+											
Zygophyllaceae	*Tribulus occidentalis*															
Zygophyllaceae	*Tribulus platypterus*						+			+						
Zygophyllaceae	*Tribulus* ?*platypterus*															
Zygophyllaceae	*Tribulus suberosus*															

Sites MB040-Opportunistic

Family	Taxa	MB040	MB041	MB042	MB043	MB044	MB045	MB046	Opportunistic
Acanthaceae	*Rostellularia adscendens* var. *clementii*								
Aizoaceae	*Trianthema pilosum*								+
Aizoaceae	**Trianthema portulacastrum*								
Aizoaceae	*Trianthema triquetrum*								
Aizoaceae	*Trianthema turgidifolium*								
Aizoaceae	*Zaleya galericulata* subsp. *galericulata*								
Amaranthaceae	*Achyranthes aspera*								
Amaranthaceae	**Aerva javanica*								+
Amaranthaceae	*Alternanthera denticulata*								
Amaranthaceae	*Alternanthera denticulata* var. *denticulata*								
Amaranthaceae	*Alternanthera nana*						+		+
Amaranthaceae	*Amaranthus cuspidifolius*					+			
Amaranthaceae	*Amaranthus undulatus*			+	+	+			
Amaranthaceae	*Gomphrena canescens*								
Amaranthaceae	*Gomphrena cunninghamii*	+				+			
Amaranthaceae	*Gomphrena kanisii*								+
Amaranthaceae	*Gomphrena lanata*								+
Amaranthaceae	*Gomphrena leptoclada* subsp. *leptoclada*								
Amaranthaceae	*Ptilotus astrolasius*								
Amaranthaceae	*Ptilotus auriculifolius*								+
Amaranthaceae	*Ptilotus axillaris*								+
Amaranthaceae	*Ptilotus calostachyus*								
Amaranthaceae	*Ptilotus clementii*								
Amaranthaceae	*Ptilotus exaltatus*								+
Amaranthaceae	*Ptilotus fusiformis*								
Amaranthaceae	*Ptilotus gomphrenoides*								
Amaranthaceae	*Ptilotus incanus*								+
Amaranthaceae	*Ptilotus mollis* **(P4)**								+
Amaranthaceae	*Ptilotus obovatus*								
Amaranthaceae	*Ptilotus* sp.								
Amaranthaceae	*?Ptilotus* sp.								
Apocynaceae	**Calotropis procera*				+				+
Apocynaceae	*Carissa lanceolata*								
Apocynaceae	*Cynanchum floribundum*					+			
Apocynaceae	*Cynanchum viminale* subsp. *australe*								+
Apocynaceae	*Gymnanthera cunninghamii* **(P3)**								
Apocynaceae	*Gymnema erectum*								+
Apocynaceae	*Vincetoxicum flexuosum*								
Araliaceae	*Trachymene oleracea*					+			

Family	Taxa	MB040	MB041	MB042	MB043	MB044	MB045	MB046	Opportunistic
Araliaceae	*Trachymene oleracea* subsp. *oleracea*								
Araliaceae	*Trachymene pilbarensis*								
Asteraceae	*Blumea tenella*								
Asteraceae	*Centipeda minima* subsp. *macrocephala*								
Asteraceae	*Chrysocephalum apiculatum* subsp. *pilbarense*								+
Asteraceae	*Chrysocephalum* sp.								+
Asteraceae	**Flaveria trinervia*								
Asteraceae	*Olearia fluvialis*								
Asteraceae	*Pentalepis trichodesmoides* subsp. *trichodesmoides*								+
Asteraceae	*Pluchea dentex*	+							
Asteraceae	*Pluchea ferdinandi-muelleri*				+		+		+
Asteraceae	*Pluchea rubelliflora*								+
Asteraceae	?*Pluchea rubelliflora*								
Asteraceae	*Pluchea tetranthera*								+
Asteraceae	*Pterocaulon serrulatum* var. *velutinum*								
Asteraceae	*Pterocaulon sphacelatum*								
Asteraceae	**Sonchus oleraceus*								
Asteraceae	*Streptoglossa* ?*bubakii*								
Asteraceae	*Streptoglossa decurrens*								+
Asteraceae	*Streptoglossa* ?*decurrens*								
Asteraceae	*Vittadinia dissecta* var. *hirta*								
Bixaceae	*Cochlospermum macnamarae* **(P1)**								+
Boraginaceae	*Ehretia saligna* var. *saligna*					+			
Boraginaceae	*Euploca chrysocarpa*								+
Boraginaceae	*Euploca* ?*chrysocarpa*								
Boraginaceae	*Euploca conocarpa*								
Boraginaceae	*Euploca cunninghamii*								+
Boraginaceae	*Euploca* ?*cunninghamii*								
Boraginaceae	*Euploca heterantha*								
Boraginaceae	*Euploca pachyphylla*								
Boraginaceae	*Euploca* ?*pachyphylla*								+
Boraginaceae	*Euploca skeleton*								+
Boraginaceae	*Euploca tanythrix*								
Boraginaceae	*Euploca tenuifolia*								
Boraginaceae	*Heliotropium crispatum*								+
Boraginaceae	*Heliotropium murinum* **(P3)**								+
Boraginaceae	*Heliotropium* ?*murinum* **(P3)**								+
Boraginaceae	*Heliotropium* sp. 1								
Boraginaceae	*Heliotropium* sp. 2								
Boraginaceae	*Trichodesma zeylanicum*								

Family	Taxa	MB040	MB041	MB042	MB043	MB044	MB045	MB046	Opportunistic
Boraginaceae	*Trichodesma zeylanicum* var. *zeylanicum*								
Brassicaceae	*Lepidium pedicellosum*								
Byblidaceae	*Byblis pilbarana*								
Campanulaceae	*Wahlenbergia tumidifructa*								
Capparaceae	*Capparis spinosa* subsp. *nummularia*								
Caryophyllaceae	*Polycarpaea corymbosa* var. *corymbosa*	+		+		+		+	
Caryophyllaceae	*Polycarpaea holtzei*	+		+		+			
Caryophyllaceae	*Polycarpaea longiflora*								
Celastraceae	*Stackhousia intermedia*								
Celastraceae	*Stackhousia* ? *intermedia*								
Celastraceae	*Stackhousia muricata*								
Chenopodiaceae	*Dysphania kalpari*								+
Chenopodiaceae	*Dysphania plantaginella*				+				
Chenopodiaceae	*Dysphania rhadinostachya*								
Chenopodiaceae	*Dysphania rhadinostachya* subsp. *inflata*								
Chenopodiaceae	*Dysphania rhadinostachya* subsp. *rhadinostachya*								+
Chenopodiaceae	*Dysphania* sp.								
Chenopodiaceae	? *Dysphania* sp.					+			
Chenopodiaceae	*Dysphania sphaerosperma*								
Chenopodiaceae	*Sclerolaena costata*								
Chenopodiaceae	*Sclerolaena densiflora*								
Chenopodiaceae	*Sclerolaena hostilis*								
Cleomaceae	*Arivela viscosa*		+	+	+		+		
Combretaceae	*Terminalia circumalata*								+
Combretaceae	*Terminalia* sp.								
Combretaceae	? *Terminalia* sp. 1								
Combretaceae	? *Terminalia* sp. 2								
Combretaceae	? *Terminalia* sp. 3								
Combretaceae	? *Terminalia* sp. 4								
Commelinaceae	*Commelina ensifolia*								
Convolvulaceae	*Bonamia alatisemina*								
Convolvulaceae	*Bonamia* ? *alatisemina*								
Convolvulaceae	*Bonamia erecta*								
Convolvulaceae	*Bonamia linearis*								+
Convolvulaceae	*Bonamia media*								
Convolvulaceae	*Bonamia* ? *media*								
Convolvulaceae	*Bonamia pannosa*								
Convolvulaceae	*Bonamia pilbarensis*					+			
Convolvulaceae	*Bonamia* ? *pilbarensis*								
Convolvulaceae	*Bonamia* sp. 1								

Family	Taxa	MB040	MB041	MB042	MB043	MB044	MB045	MB046	Opportunistic
Convolvulaceae	*Bonamia* sp. 2								
Convolvulaceae	*Evolvulus alsinoides*								
Convolvulaceae	*Evolvulus alsinoides* var. *villosicalyx*	+		+		+	+	+	
Convolvulaceae	*Ipomoea coptica*		+						
Convolvulaceae	*Ipomoea lonchophylla*								
Convolvulaceae	*Ipomoea muelleri*		+		+		+		
Convolvulaceae	*Ipomoea polymorpha*								
Convolvulaceae	*Operculina aequisepala*								+
Convolvulaceae	*Polymeria ambigua*	+		+			+	+	
Convolvulaceae	*Polymeria calycina*								
Convolvulaceae	*Polymeria lanata*								
Convolvulaceae	*Polymeria mollis*								
Convolvulaceae	*Polymeria* ? *mollis*								
Cucurbitaceae	*Austrobryonia pilbarensis*								
Cucurbitaceae	**Citrullus colocynthis*								+
Cucurbitaceae	*Cucumis melo*								
Cucurbitaceae	**Cucumis myriocarpus* subsp. *myriocarpus*								
Cucurbitaceae	*Cucumis* sp. Chichester Range (A.A. Mitchell et al. AAM 10691)								
Cucurbitaceae	*Cucumis variabilis*	+		+	+				
Cucurbitaceae	*Trichosanthes cucumerina* var. *cucumerina*								+
Cyperaceae	*Bulbostylis barbata*	+		+		+		+	+
Cyperaceae	*Bulbostylis burbidgeae* **(P4)**					+			+
Cyperaceae	*Bulbostylis turbinata*	+	+				+		
Cyperaceae	*Cyperus bifax*					+			
Cyperaceae	*Cyperus bulbosus*								
Cyperaceae	*Cyperus cunninghamii* subsp. *cunninghamii*								
Cyperaceae	*Cyperus dactylotes*								
Cyperaceae	*Cyperus difformis*								
Cyperaceae	*Cyperus hesperius*								
Cyperaceae	*Cyperus ixiocarpus*		+		+				
Cyperaceae	*Cyperus microcephalus* subsp. *microcephalus*								
Cyperaceae	*Cyperus* sp. 1								
Cyperaceae	*Cyperus* sp. 2								+
Cyperaceae	*Cyperus squarrosus*	+			+		+		
Cyperaceae	*Cyperus vaginatus*								
Cyperaceae	*Fimbristylis dichotoma*								+
Cyperaceae	*Fimbristylis elegans*								
Cyperaceae	*Fimbristylis simulans*							+	+
Cyperaceae	*Fimbristylis* sp.								
Cyperaceae	*Fuirena ciliaris*								

Family	Taxa	MB040	MB041	MB042	MB043	MB044	MB045	MB046	Opportunistic
Elatinaceae	*Bergia pedicellaris*								+
Euphorbiaceae	*Adriana tomentosa*								
Euphorbiaceae	*Adriana tomentosa* var. *tomentosa*								
Euphorbiaceae	*Adriana tomentosa* ?var. *tomentosa*								
Euphorbiaceae	*Euphorbia ? australis*								
Euphorbiaceae	*Euphorbia australis* var. *subtomentosa*			+			+		+
Euphorbiaceae	*Euphorbia biconvexa*								
Euphorbiaceae	*Euphorbia boophthona*								
Euphorbiaceae	*Euphorbia careyi*								+
Euphorbiaceae	*Euphorbia coghlanii*		+						+
Euphorbiaceae	*Euphorbia inappendiculata* var. *inappendiculata* **(P3)**								
Euphorbiaceae	*Euphorbia* sp. 1								
Euphorbiaceae	*Euphorbia* sp. 2								
Euphorbiaceae	*Euphorbia tannensis* subsp. *eremophila*								
Euphorbiaceae	*Euphorbia ? tannensis* subsp. *eremophila*								
Euphorbiaceae	*Euphorbia trigonosperma*								
Euphorbiaceae	*Mallotus nesophilus*								+
Fabaceae	*Acacia acradenia*								+
Fabaceae	*Acacia adoxa* var. *adoxa*								+
Fabaceae	*Acacia adsurgens*								
Fabaceae	*Acacia ampliceps*		+		+				
Fabaceae	*Acacia ampliceps x sclerosperma* subsp. *sclerosperma*								
Fabaceae	*Acacia ancistrocarpa*	+							
Fabaceae	*Acacia aptaneura*								
Fabaceae	*Acacia arida*								
Fabaceae	*Acacia bivenosa*								+
Fabaceae	*Acacia ? bivenosa*								
Fabaceae	*Acacia colei*								
Fabaceae	*Acacia colei* var. *colei*								
Fabaceae	*Acacia colei* ?var. *colei*								
Fabaceae	*Acacia coriacea* subsp. *pendens*								+
Fabaceae	*Acacia elachantha*								
Fabaceae	*Acacia eriopoda*								+
Fabaceae	*Acacia eriopoda x trachycarpa*								
Fabaceae	*Acacia hilliana*								+
Fabaceae	*Acacia holosericea*								
Fabaceae	*Acacia inaequilatera*	+		+			+	+	
Fabaceae	*Acacia levata* **(P3)**								+
Fabaceae	*Acacia maitlandii*								

Family	Taxa	MB040	MB041	MB042	MB043	MB044	MB045	MB046	Opportunistic
Fabaceae	*Acacia monticola*								
Fabaceae	*Acacia orthocarpa*								
Fabaceae	*Acacia pruinocarpa*								
Fabaceae	*Acacia ptychophylla*								+
Fabaceae	*Acacia pyrifolia*								
Fabaceae	*Acacia pyrifolia* var. *morrisonii*								
Fabaceae	*Acacia pyrifolia* var. *pyrifolia*								
Fabaceae	*Acacia retivenea* subsp. *clandestina*								+
Fabaceae	*Acacia sericophylla*		+						
Fabaceae	*Acacia sibirica*								
Fabaceae	*Acacia* sp. 1								
Fabaceae	*Acacia* sp. 2								
Fabaceae	*Acacia* sp. 3								
Fabaceae	*Acacia* sp. 4								
Fabaceae	*Acacia* sp. 5								
Fabaceae	*Acacia* sp. 6								
Fabaceae	*Acacia* sp. 7								
Fabaceae	*Acacia* sp. 8								
Fabaceae	*Acacia* sp. 9								
Fabaceae	*Acacia sphaerostachya*								
Fabaceae	*Acacia spondylophylla*								
Fabaceae	*Acacia stellaticeps*								+
Fabaceae	*Acacia synchronicia*								
Fabaceae	*Acacia trachycarpa*								+
Fabaceae	*Acacia trachycarpa x tumida* var. *pilbarensis*								
Fabaceae	*Acacia tumida* var. *pilbarensis*								+
Fabaceae	*Acacia victoriae* subsp. *victoriae*								
Fabaceae	*Alysicarpus muelleri*	+					+	+	+
Fabaceae	*Cajanus cinereus*		+		+	+	+	+	
Fabaceae	*Cajanus* ? *cinereus*								
Fabaceae	*Cajanus pubescens*								
Fabaceae	*Cajanus* sp. 1								
Fabaceae	*Cajanus* sp. 2								
Fabaceae	*Cajanus* sp. 3								
Fabaceae	*Crotalaria cunninghamii* subsp. *sturtii*								
Fabaceae	*Crotalaria* ? *cunninghamii* subsp. *sturtii*								
Fabaceae	*Crotalaria medicaginea* var. *neglecta*	+					+		
Fabaceae	*Crotalaria novae-hollandiae* subsp. *novae-hollandiae*								
Fabaceae	*Cullen lachnostachys*								
Fabaceae	*Cullen leucanthum*								

Family	Taxa	MB040	MB041	MB042	MB043	MB044	MB045	MB046	Opportunistic
Fabaceae	*Cullen leucochaites*								
Fabaceae	*Cullen martinii*						+		+
Fabaceae	*Cullen pallidum*								
Fabaceae	*Cullen pogonocarpum*								
Fabaceae	*Cullen pustulatum*								
Fabaceae	*Cullen* ?*pustulatum*								
Fabaceae	*Cullen* sp. 1								
Fabaceae	*Cullen* sp. 2								
Fabaceae	*Cullen stipulaceum*			+			+		
Fabaceae	*Dichrostachys spicata*								+
Fabaceae	*Erythrina vespertilio*								
Fabaceae	*Glycine canescens*								
Fabaceae	*Grona filiformis*								
Fabaceae	*Indigastrum parviflorum*	+							
Fabaceae	*Indigofera colutea*	+		+		+	+	+	
Fabaceae	*Indigofera deserticola*								
Fabaceae	*Indigofera hirsuta*						+		
Fabaceae	*Indigofera linifolia*	+	+	+	+		+	+	
Fabaceae	*Indigofera linnaei*								
Fabaceae	*Indigofera monophylla*						+		
Fabaceae	*Indigofera rugosa*								+
Fabaceae	**Indigofera sessiliflora*				+		+		
Fabaceae	*Indigofera* sp. 1								
Fabaceae	*Indigofera* sp. 2								
Fabaceae	*Indigofera* sp. 3								
Fabaceae	*Indigofera trita*	+							+
Fabaceae	*Indigofera trita* subsp. *trita*								
Fabaceae	*Indigofera trita* ?subsp. *trita*								
Fabaceae	*Isotropis atropurpurea*								+
Fabaceae	*Neptunia* sp.								+
Fabaceae	*Petalostylis labicheoides*								+
Fabaceae	*Rhynchosia australis*								
Fabaceae	*Rhynchosia minima*	+	+	+		+	+	+	
Fabaceae	*Rhynchosia* sp. 1								
Fabaceae	*Rhynchosia* sp. 2								
Fabaceae	*Rhynchosia* sp. 3								
Fabaceae	*Rhynchosia* sp. 4								
Fabaceae	*Rhynchosia* sp. 5								
Fabaceae	*Rhynchosia* sp. 6								
Fabaceae	*Senna artemisioides* subsp. *helmsii*								+

Family	Taxa	MB040	MB041	MB042	MB043	MB044	MB045	MB046	Opportunistic
Fabaceae	*Senna artemisioides* subsp. *helmsii x oligophylla*								
Fabaceae	*Senna artemisioides* subsp. *oligophylla*								
Fabaceae	*Senna ferraria*								
Fabaceae	*Senna glaucifolia*								
Fabaceae	*Senna glutinosa*								
Fabaceae	*Senna* ? *glutinosa*								
Fabaceae	*Senna glutinosa* subsp. *glutinosa*								
Fabaceae	*Senna glutinosa* subsp. *pruinosa*								+
Fabaceae	*Senna glutinosa* subsp. *x luerssenii*								
Fabaceae	*Senna notabilis*	+	+		+		+		
Fabaceae	*Senna symonii*								
Fabaceae	*Senna venusta*					+			
Fabaceae	*Sesbania cannabina*		+		+				
Fabaceae	*Sesbania formosa*								
Fabaceae	*Swainsona decurrens*								
Fabaceae	*Swainsona formosa*								+
Fabaceae	*Swainsona* ? *formosa*								
Fabaceae	*Swainsona* sp. 1								
Fabaceae	*Swainsona* sp. 2								
Fabaceae	*Swainsona stenodonta*								+
Fabaceae	*Templetonia hookeri*								+
Fabaceae	*Tephrosia clementii*								
Fabaceae	*Tephrosia densa*								
Fabaceae	*Tephrosia leptoclada*								+
Fabaceae	*Tephrosia rosea*								
Fabaceae	*Tephrosia rosea* var. *clementii*								+
Fabaceae	*Tephrosia rosea* ?var. *clementii*								
Fabaceae	? *Tephrosia* sp.								
Fabaceae	*Tephrosia* sp. 1								+
Fabaceae	*Tephrosia* sp. 2								
Fabaceae	*Tephrosia* sp. B Kimberley Flora (C.A. Gardner 7300)		+						+
Fabaceae	*Tephrosia* sp. Bungaroo Creek (M.E. Trudgen 11601)								
Fabaceae	*Tephrosia* sp. clay soils (S. van Leeuwen et al. PBS 0273)								
Fabaceae	*Tephrosia* sp. D Kimberley Flora (R.D. Royce 1848)								
Fabaceae	*Tephrosia* sp. Newman (A.A. Mitchell PRP 29)								

Family	Taxa	MB040	MB041	MB042	MB043	MB044	MB045	MB046	Opportunistic
Fabaceae	*Tephrosia* sp. *NW Eremaean (S. van Leeuwen et al. PBS 0356)*								
Fabaceae	*Tephrosia supina*			+					
Fabaceae	*Tephrosia* ? *supina*	+			+		+		
Fabaceae	*Tephrosia virens*								
Fabaceae	*Tephrosia* ? *virens*								
Fabaceae	* *Vachellia farnesiana* var. *farnesiana*				+				+
Fabaceae	*Vigna lanceolata* var. *lanceolata*								
Fabaceae	*Vigna* sp. Hamersley Clay (A.A. Mitchell PRP 113)								
Fabaceae	*Zornia albiflora*								
Goodeniaceae	*Dampiera candicans*								
Goodeniaceae	*Dampiera* sp.								
Goodeniaceae	*Goodenia armitiana*								
Goodeniaceae	*Goodenia cusackiana*			+					
Goodeniaceae	*Goodenia* ? *cusackiana*								
Goodeniaceae	*Goodenia lamprosperma*								
Goodeniaceae	*Goodenia microptera*								
Goodeniaceae	*Goodenia muelleriana*								+
Goodeniaceae	*Goodenia* ? *muelleriana*								
Goodeniaceae	*Goodenia nuda*								
Goodeniaceae	*Goodenia scaevolina*								+
Goodeniaceae	*Goodenia* sp. 1								
Goodeniaceae	*Goodenia* sp. 2								
Goodeniaceae	*Goodenia stobbsiana*								
Goodeniaceae	*Goodeniaceae* sp.								
Goodeniaceae	*Scaevola amblyanthera* var. *centralis*								+
Goodeniaceae	*Scaevola* ? *amblyanthera* var. *centralis*								
Goodeniaceae	*Scaevola browniana* subsp. *browniana*								+
Goodeniaceae	*Scaevola parvifolia*								
Goodeniaceae	*Scaevola* sp.								
Gyrostemonaceae	*Codonocarpus cotinifolius*								
Haloragaceae	*Gonocarpus ephemerus*								
Haloragaceae	*Haloragis* ? *gossei*								
Haloragaceae	*Haloragis gossei* var. *gossei*								
Haloragaceae	*Haloragis gossei* ? var. *gossei*								
Haloragaceae	*Haloragis* sp. 1				+				
Haloragaceae	*Haloragis* sp. 2		+						
Lamiaceae	*Basilicum polystachyon*								
Lamiaceae	*Clerodendrum floribundum* var. *angustifolium*								+
Lamiaceae	*Clerodendrum floribundum* var. ? *angustifolium*								

Family	Taxa	MB040	MB041	MB042	MB043	MB044	MB045	MB046	Opportunistic
Lamiaceae	*Clerodendrum tomentosum* var. *lanceolatum*					+			+
Lamiaceae	*Clerodendrum tomentosum* var. *tomentosum*								+
Lamiaceae	*Quoya zonalis* **(T)**								+
Lauraceae	*Cassytha capillaris*								
Lauraceae	*Cassytha filiformis*								
Lauraceae	*Cassytha* sp. 1								
Lauraceae	*Cassytha* sp. 2								
Lauraceae	*Cassytha* sp. 3								
Loganiaceae	*Mitrasacme connata*								
Loranthaceae	*Lysiana casuarinae*								
Lythraceae	*Ammannia baccifera*	+	+						
Lythraceae	*Ammannia multiflora*		+		+				
Lythraceae	*Ammannia* sp. 1								
Lythraceae	*Ammannia* sp. 2								
Lythraceae	*Ammannia* sp. 3								
Lythraceae	*Ammannia* sp. 4								
Malvaceae	*Abutilon fraseri* subsp. *fraseri*								
Malvaceae	*Abutilon lepidum*								+
Malvaceae	*Abutilon ? leucopetalum*								+
Malvaceae	*Abutilon macrum*								
Malvaceae	*Abutilon* sp. 1								
Malvaceae	*Abutilon* sp. 2					+			
Malvaceae	*Abutilon* sp. 3								
Malvaceae	*Abutilon* sp. Dioicum (A.A. Mitchell PRP 1618)								+
Malvaceae	*Abutilon* sp. Pilbara (W.R. Barker 2025)								+
Malvaceae	*Brachychiton acuminatus*								
Malvaceae	*Corchorus incanus*	+		+					
Malvaceae	*Corchorus ? incanus*								
Malvaceae	*Corchorus incanus* subsp. *incanus*								
Malvaceae	*Corchorus ? incanus* subsp. *incanus*								
Malvaceae	*Corchorus laniflorus*								
Malvaceae	*Corchorus lasiocarpus* subsp. *lasiocarpus*								
Malvaceae	*Corchorus parviflorus*	+		+		+	+		
Malvaceae	*Corchorus ? parviflorus*								
Malvaceae	*Corchorus* sp. 1								+
Malvaceae	*Corchorus* sp. 2								
Malvaceae	*Corchorus tridens*								
Malvaceae	*Corchorus trilocularis*								
Malvaceae	*Corchorus walcottii*								+
Malvaceae	*Gossypium australe*			+				+	
Malvaceae	*Gossypium robinsonii*								

Family	Taxa	MB040	MB041	MB042	MB043	MB044	MB045	MB046	Opportunistic
Malvaceae	*Hibiscus austrinus* var. *austrinus*								
Malvaceae	*Hibiscus brachychlaenus*								
Malvaceae	*Hibiscus burtonii*								
Malvaceae	*Hibiscus coatesii*								
Malvaceae	*Hibiscus goldsworthii*								
Malvaceae	*Hibiscus leptocladus*								+
Malvaceae	*Hibiscus sturtii*					+			
Malvaceae	*Hibiscus* ? *sturtii*								
Malvaceae	? *Hibiscus sturtii*								
Malvaceae	*Hibiscus sturtii* var. *campylochlamys*								
Malvaceae	*Hibiscus sturtii* var. *platychlamys*						+		
Malvaceae	MALVACEAE sp. 1								
Malvaceae	MALVACEAE sp. 2								
Malvaceae	MALVACEAE sp. 3								
Malvaceae	* *Malvastrum americanum*								
Malvaceae	*Melhania oblongifolia*					+			
Malvaceae	*Seringia nephrosperma*								
Malvaceae	*Sida arenicola*			+			+		
Malvaceae	*Sida arsiniata*								
Malvaceae	*Sida cardiophylla*			+		+			
Malvaceae	*Sida clementii*								
Malvaceae	*Sida echinocarpa*								+
Malvaceae	*Sida* ? *echinocarpa*								
Malvaceae	*Sida fibulifera*								+
Malvaceae	*Sida* ? *fibulifera*								
Malvaceae	*Sida macropoda*								
Malvaceae	*Sida* ? *macropoda*								
Malvaceae	*Sida platycalyx*								
Malvaceae	*Sida rohlenae* subsp. *rohlenae*					+	+		
Malvaceae	*Sida* sp. 1								
Malvaceae	*Sida* sp. 2								
Malvaceae	*Sida* sp. 3								
Malvaceae	*Sida* sp. articulation below (A.A. Mitchell PRP 1605)								
Malvaceae	*Sida* sp. Excedentifolia (J.L. Egan 1925)								
Malvaceae	*Sida* sp. Pilbara (A.A. Mitchell PRP 1543)								
Malvaceae	*Sida* sp. spiciform panicles (E. Leyland s.n. 14/8/90)								
Malvaceae	*Sida spinosa*								
Malvaceae	*Triumfetta appendiculata*								+
Malvaceae	*Triumfetta* ? *appendiculata*								

Family	Taxa	MB040	MB041	MB042	MB043	MB044	MB045	MB046	Opportunistic
Malvaceae	*Triumfetta chaetocarpa*			+		+			
Malvaceae	*Triumfetta clementii*								
Malvaceae	*Triumfetta johnstonii*								
Malvaceae	*Triumfetta leptacantha*								
Malvaceae	*Triumfetta maconochieana*					+			
Malvaceae	*Triumfetta propinqua*								
Malvaceae	*Triumfetta ramosa*								
Malvaceae	*Triumfetta* sp. 1								
Malvaceae	*Triumfetta* sp. 2								
Malvaceae	*Waltheria indica*								
Malvaceae	*Waltheria virgata*								+
Marsileaceae	*Marsilea exarata*								+
Marsileaceae	*Marsilea hirsuta*								
Marsileaceae	*Marsilea* sp. 1								
Marsileaceae	*Marsilea* sp. 2								
Menispermaceae	*Tinospora smilacina*				+	+			+
Molluginaceae	*Hypertelis cerviana*								
Molluginaceae	*Trigastrotheca molluginea*			+		+	+		+
Montiaceae	*Calandrinia ptychosperma*								+
Montiaceae	*Calandrinia ? pumila*								
Montiaceae	*Calandrinia ? stagnensis*								
Montiaceae	*Calandrinia tepperiana*		+		+				
Moraceae	*Ficus aculeata* var. *indecora*				+	+			
Moraceae	*Ficus brachypoda*								
Myrtaceae	*Corymbia candida* subsp. *candida*								
Myrtaceae	*Corymbia ? candida* subsp. *candida*								+
Myrtaceae	*Corymbia flavescens*								
Myrtaceae	*Corymbia hamersleyana*								+
Myrtaceae	*Corymbia ? hamersleyana*								+
Myrtaceae	*? Corymbia hamersleyana*								
Myrtaceae	*? Corymbia* sp.								
Myrtaceae	*Corymbia* sp. 1								
Myrtaceae	*Corymbia* sp. 2								
Myrtaceae	*Corymbia* sp. 3								
Myrtaceae	*Eucalyptus camaldulensis*								
Myrtaceae	*Eucalyptus ? camaldulensis*								
Myrtaceae	*Eucalyptus camaldulensis* subsp. *refulgens*		+						+
Myrtaceae	*Eucalyptus camaldulensis* ?subsp. *refulgens*								+
Myrtaceae	*Eucalyptus leucophloia*								+
Myrtaceae	*Eucalyptus leucophloia* subsp. *leucophloia*								
Myrtaceae	*Eucalyptus ? leucophloia* subsp. *leucophloia*								+

Family	Taxa	MB040	MB041	MB042	MB043	MB044	MB045	MB046	Opportunistic
Myrtaceae	*Eucalyptus* sp. 1								
Myrtaceae	*Eucalyptus* sp. 2								
Myrtaceae	*Eucalyptus victrix*								+
Myrtaceae	*Melaleuca argentea*		+						+
Myrtaceae	*Melaleuca bracteata*								
Myrtaceae	*Melaleuca glomerata*		+						
Myrtaceae	*Melaleuca ? glomerata*								
Myrtaceae	*Melaleuca linophylla*		+						
Myrtaceae	*Melaleuca ? linophylla*								
Nyctaginaceae	*Boerhavia burbidgeana*								
Nyctaginaceae	*Boerhavia coccinea*			+					
Nyctaginaceae	*Boerhavia ? coccinea*								
Nyctaginaceae	*Boerhavia gardneri*			+			+		
Nyctaginaceae	*Boerhavia* sp.								
Oleaceae	*Jasminum didymum* subsp. *lineare*								
Onagraceae	*Ludwigia perennis*								
Papaveraceae	**Argemone ochroleuca* subsp. *ochroleuca*				+				+
Pedaliaceae	*Josephinia eugeniae*					+			+
Pedaliaceae	*Josephinia* sp. Mt Edgar Station (N.T. Burbidge 1194)								+
Phyllanthaceae	*Cathetus* sp.								
Phyllanthaceae	*Cathetus virgatus*								
Phyllanthaceae	*Flueggea virosa* subsp. *melanthesoides*					+			
Phyllanthaceae	*Kirganelia baccata*								
Phyllanthaceae	*Nellica maderaspatensis*		+						+
Phyllanthaceae	*Notoleptopus decaisnei*								
Phyllanthaceae	*Phyllanthus hebecarpus* **(P3)**								
Pittosporaceae	*Pittosporum angustifolium*								+
Plantaginaceae	*Stemodia grossa*				+		+		
Plantaginaceae	*Stemodia kingii*								
Plantaginaceae	*Stemodia viscosa*	+	+		+				
Poaceae	*Aristida burbidgeae*								+
Poaceae	*Aristida contorta*			+		+			+
Poaceae	*?Aristida contorta*								
Poaceae	*Aristida holathera* var. *holathera*								
Poaceae	*Aristida inaequiglumis*								
Poaceae	**Cenchrus ciliaris*				+	+	+		+
Poaceae	**Cenchrus setiger*		+						
Poaceae	*Cenchrus* sp.								
Poaceae	**Chloris barbata*				+				
Poaceae	*Chloris pumilio*								

Family	Taxa	MB040	MB041	MB042	MB043	MB044	MB045	MB046	Opportunistic
Poaceae	**Chloris virgata*								
Poaceae	*Chrysopogon fallax*	+				+	+		+
Poaceae	*Cymbopogon ambiguus*			+		+	+		+
Poaceae	*Cymbopogon obtectus*								
Poaceae	*Cymbopogon procerus*								+
Poaceae	*Cynodon convergens*								
Poaceae	**Cynodon dactylon*								
Poaceae	*Cynodon prostratus*	+							
Poaceae	*Dactyloctenium radulans*	+			+		+		
Poaceae	*Dichanthium fecundum*								
Poaceae	*Dichanthium sericeum* subsp. *humilius*								
Poaceae	*Digitaria brownii*					+			
Poaceae	*Digitaria ctenantha*								
Poaceae	*Diplachne fusca* subsp. *fusca*		+						
Poaceae	**Echinochloa colona*								
Poaceae	*Enneapogon caerulescens*					+			
Poaceae	*Enneapogon ?caerulescens*								
Poaceae	*Enneapogon lindleyanus*								
Poaceae	*Enneapogon polyphyllus*						+		
Poaceae	*Enneapogon* sp.								
Poaceae	*Eragrostis crateriformis* **(P3)**								
Poaceae	*Eragrostis cumingii*	+							
Poaceae	*Eragrostis desertorum*								+
Poaceae	*Eragrostis dielsii*	+							
Poaceae	*Eragrostis eriopoda*	+		+					+
Poaceae	*Eragrostis exigua*								
Poaceae	**Eragrostis minor*								
Poaceae	*Eragrostis olida*								+
Poaceae	*Eragrostis* sp. 1								
Poaceae	*Eragrostis* sp. 2								+
Poaceae	*Eragrostis tenellula*								
Poaceae	*Eragrostis ?tenellula*								
Poaceae	*Eriachne aristidea*								
Poaceae	*Eriachne benthamii*								
Poaceae	*Eriachne ciliata*					+			
Poaceae	*Eriachne flaccida*								
Poaceae	*Eriachne helmsii*								
Poaceae	*Eriachne melicacea*								
Poaceae	*Eriachne mucronata*					+			+
Poaceae	*Eriachne obtusa*								+
Poaceae	*Eriachne pulchella*								

Family	Taxa	MB040	MB041	MB042	MB043	MB044	MB045	MB046	Opportunistic
Poaceae	*Eriachne pulchella* subsp. *dominii*	+		+					
Poaceae	*Eriachne pulchella* subsp. *pulchella*								
Poaceae	*Eriachne* sp. 1								
Poaceae	*Eriachne* sp. 2								
Poaceae	*Eriachne* sp. 3								
Poaceae	*Eriachne* sp. 4								
Poaceae	*Eriachne* sp. Dugald River (B.K. Simon+ 3007)								
Poaceae	*Eriachne tenuiculmis*		+		+				
Poaceae	*Eulalia aurea*								
Poaceae	*Iseilema dolichotrichum*								
Poaceae	*Iseilema membranaceum*								
Poaceae	*Panicum australiense*			+		+		+	
Poaceae	*Panicum australiense* var. *australiense*								
Poaceae	*Paraneurachne muelleri*								+
Poaceae	*Paspalidium basicladum*								
Poaceae	*Paspalidium clementii*								
Poaceae	*Paspalidium jubiflorum*								
Poaceae	*Paspalidium rarum*								
Poaceae	*Perotis rara*	+		+			+		
Poaceae	POACEAE sp. 1								
Poaceae	POACEAE sp. 2								
Poaceae	POACEAE sp. 3								
Poaceae	*Schizachyrium fragile*								
Poaceae	**Setaria verticillata*								
Poaceae	*Sporobolus actinocladus*			+	+		+		
Poaceae	*Sporobolus australasicus*								
Poaceae	*Sporobolus ramigerus*	+	+	+	+		+		
Poaceae	*Themeda triandra*								+
Poaceae	*Themeda ? triandra*								
Poaceae	*Triodia angusta*								
Poaceae	*Triodia ? angusta*								
Poaceae	*Triodia brizoides*								+
Poaceae	*Triodia ? brizoides*								
Poaceae	*Triodia epactia*			+		+	+	+	
Poaceae	*Triodia ? epactia*								
Poaceae	*Triodia lanigera*								
Poaceae	*Triodia longiceps*	+	+		+				+
Poaceae	*Triodia secunda*								
Poaceae	*Triodia wiseana*						+		+
Poaceae	*Triodia ? wiseana*								
Poaceae	*Tripogonella loliiformis*								

Family	Taxa	MB040	MB041	MB042	MB043	MB044	MB045	MB046	Opportunistic
Poaceae	*Whiteochloa cymbiformis*								
Polygalaceae	*Polygala glaucifolia*								
Polygalaceae	*Polygala isingii*								
Polygalaceae	*Polygala* sp.								
Portulacaceae	*Portulaca filifolia*								
Portulacaceae	*Portulaca oleracea*	+		+			+		
Potamogetonaceae	*Potamogeton tepperi*								
Proteaceae	*Grevillea pyramidalis* subsp. *leucadendron*	+				+	+	+	
Proteaceae	*Grevillea wickhamii*								
Proteaceae	*Grevillea wickhamii* subsp. *aprica*					+			
Proteaceae	*Grevillea wickhamii* subsp. *hispidula*								
Proteaceae	*Hakea lorea* subsp. *lorea*						+	+	+
Pteridaceae	*Cheilanthes sieberi* subsp. *Sieberi*								
Pteridaceae	*Cheilanthes* sp.								
Rubiaceae	*Dolichocarpa crouchiana*								+
Rubiaceae	*Synaptantha tillaeacea* var. *tillaeacea*	+							
Sapindaceae	*Atalaya hemiglauca*								+
Sapindaceae	*Dodonaea coriacea*								+
Scrophulariaceae	*Eremophila latrobei* subsp. *glabra*								+
Scrophulariaceae	*Eremophila latrobei* ?subsp. *glabra*								+
Scrophulariaceae	*Eremophila latrobei* subsp. *latrobei*								
Scrophulariaceae	*Eremophila longifolia*								+
Solanaceae	*Nicotiana benthamiana*					+			+
Solanaceae	*Nicotiana bilybara*								+
Solanaceae	*Nicotiana occidentalis*								+
Solanaceae	**Physalis angulata*				+				
Solanaceae	*Solanum ?centrale*								
Solanaceae	*Solanum cleistogamum*								
Solanaceae	*Solanum diversiflorum*					+	+		+
Solanaceae	*Solanum gabrielae*								
Solanaceae	*Solanum horridum*					+			
Solanaceae	*Solanum lasiophyllum*								
Solanaceae	*Solanum lucani*								
Solanaceae	**Solanum nigrum*								
Solanaceae	*Solanum phlomoides*								
Solanaceae	*Solanum ?phlomoides*								
Solanaceae	*Solanum* sp.								
Stylidiaceae	*Stylidium desertorum*								
Typhaceae	*Typha domingensis*								
Violaceae	*Afrohybanthus aurantiacus*								+
Violaceae	*Afrohybanthus ?aurantiacus*								

Family	Taxa	MB040	MB041	MB042	MB043	MB044	MB045	MB046	Opportunistic
Violaceae	?*Afrohybanthus* sp.								
Zygophyllaceae	*Tribulus hirsutus*						+		
Zygophyllaceae	*Tribulus occidentalis*						+		+
Zygophyllaceae	*Tribulus platypterus*								
Zygophyllaceae	*Tribulus* ?*platypterus*								
Zygophyllaceae	*Tribulus suberosus*								

APPENDIX H – FLORA SPECIES BY VEGETATION UNIT

Vegetation Units AaGwTe – #ChTb

# Denotes vegetation units that occur outside the study area.

Family	*Taxa*	AaGwTe	AaTw2	AbAlTe	AeAmTe	AhAtTa	AiAaTe	AiAaTw	AiCpTb	AiCpTe1	AiCpTe2	AiCpTw	AiSgTb	AiTe	AmTe	AsPfTl	AtAhTe	AtTe	CcTe	ChAcTw	ChAtTe	#ChTb
Acanthaceae	*Rostellularia adscendens* var. *clementii*																					
Aizoaceae	*Trianthema pilosum*						+				+							+				
Aizoaceae	**Trianthema portulacastrum*																					
Aizoaceae	*Trianthema triquetrum*					+										+						
Aizoaceae	*Trianthema turgidifolium*						+															
Aizoaceae	*Zaleya galericulata* subsp. *galericulata*																					
Amaranthaceae	*Achyranthes aspera*					+																
Amaranthaceae	**Aerva javanica*	+				+	+					+				+		+		+		
Amaranthaceae	*Alternanthera denticulata*																					
Amaranthaceae	*Alternanthera denticulata* var. *denticulata*																					
Amaranthaceae	*Alternanthera nana*						+															
Amaranthaceae	*Amaranthus cuspidifolius*																					
Amaranthaceae	*Amaranthus undulatus*					+	+						+					+				
Amaranthaceae	*Gomphrena canescens*																					
Amaranthaceae	*Gomphrena cunninghamii*					+	+	+	+		+	+	+	+	+		+		+			
Amaranthaceae	*Gomphrena kanisii*						+															
Amaranthaceae	*Gomphrena lanata*																					
Amaranthaceae	*Gomphrena leptoclada* subsp. *leptoclada*						+			+					+		+					
Amaranthaceae	*Ptilotus astrolasius*	+		+				+										+			+	
Amaranthaceae	*Ptilotus auriculifolius*	+		+			+	+	+		+	+	+		+			+		+		
Amaranthaceae	*Ptilotus axillaris*						+					+										
Amaranthaceae	*Ptilotus calostachyus*	+	+	+			+	+	+			+	+	+								
Amaranthaceae	*Ptilotus clementii*																					
Amaranthaceae	*Ptilotus exaltatus*		+						+			+	+	+								
Amaranthaceae	*Ptilotus fusiformis*					+		+					+		+							

Family	*Taxa*	AaGwTe	AaTw2	AbAlTe	AeAmTe	AhAtTa	AiAaTe	AiAaTw	AiCpTb	AiCpTe1	AiCpTe2	AiCpTw	AiSgTb	AiTe	AmTe	AsPfTl	AtAhTe	AtTe	CcTe	ChAcTw	ChAtTe	#ChTb
Amaranthaceae	*Ptilotus gomphrenoides*							+														
Amaranthaceae	*Ptilotus incanus*																		+			
Amaranthaceae	*Ptilotus mollis* **(P4)**																					
Amaranthaceae	*Ptilotus obovatus*		+				+		+		+								+			+
Amaranthaceae	?*Ptilotus* sp.																					
Amaranthaceae	*Ptilotus* sp.																					
Apocynaceae	**Calotropis procera*					+	+	+	+		+					+		+				
Apocynaceae	*Carissa lanceolata*																					
Apocynaceae	*Cynanchum floribundum*																	+				
Apocynaceae	*Cynanchum viminale* subsp. *australe*																+					
Apocynaceae	*Gymnanthera cunninghamii* **(P3)**																					
Apocynaceae	*Gymnema erectum*									+												
Apocynaceae	*Vincetoxicum flexuosum*																					
Araliaceae	*Trachymene oleracea*				+	+																
Araliaceae	*Trachymene oleracea* subsp. *oleracea*	+					+						+		+		+					
Araliaceae	*Trachymene pilbarensis*													+								
Asteraceae	*Blumea tenella*																					
Asteraceae	*Centipeda minima* subsp. *macrocephala*																					
Asteraceae	*Chrysocephalum apiculatum* subsp. *pilbarense*																	+				
Asteraceae	*Chrysocephalum* sp.																					
Asteraceae	**Flaveria trinervia*																					
Asteraceae	*Olearia fluvialis*																					
Asteraceae	*Pentalepis trichodesmoides* subsp. *trichodesmoides*						+	+	+			+	+	+								
Asteraceae	*Pluchea dentex*						+								+							
Asteraceae	*Pluchea ferdinandi-muelleri*	+		+		+	+				+	+				+		+				
Asteraceae	?*Pluchea rubelliflora*																					
Asteraceae	*Pluchea rubelliflora*																	+				
Asteraceae	*Pluchea tetranthera*			+		+	+			+	+	+			+	+		+				
Asteraceae	*Pterocaulon serrulatum* var. *velutinum*						+					+						+				
Asteraceae	*Pterocaulon sphacelatum*						+									+			+			

Family	*Taxa*	AaGwTe	AaTw2	AbAlTe	AeAmTe	AhAtTa	AiAaTe	AiAaTw	AiCpTb	AiCpTe1	AiCpTe2	AiCpTw	AiSgTb	AiTe	AmTe	AsPfTl	AtAhTe	AtTe	CcTe	ChAcTw	ChAtTe	#ChTb
Asteraceae	**Sonchus oleraceus*																					
Asteraceae	*Streptoglossa ? bubakii*							+														
Asteraceae	*Streptoglossa ? decurrens*																	+				
Asteraceae	*Streptoglossa decurrens*								+			+	+				+					
Asteraceae	*Vittadinia dissecta* var. *hirta*																					
Bixaceae	*Cochlospermum macnamarae* **(P1)**																+					
Boraginaceae	*Ehretia saligna* var. *saligna*																				+	
Boraginaceae	*Euploca ? chrysocarpa*											+										+
Boraginaceae	*Euploca chrysocarpa*			+																		
Boraginaceae	*Euploca conocarpa*							+														
Boraginaceae	*Euploca ? cunninghamii*										+							+				
Boraginaceae	*Euploca cunninghamii*	+					+	+				+	+	+	+							
Boraginaceae	*Euploca heterantha*						+	+														
Boraginaceae	*Euploca ? pachyphylla*																					
Boraginaceae	*Euploca pachyphylla*						+	+				+										
Boraginaceae	*Euploca skeleton*						+				+		+	+								
Boraginaceae	*Euploca tanythrix*						+					+	+									
Boraginaceae	*Euploca tenuifolia*														+						+	
Boraginaceae	*Heliotropium crispatum*			+		+	+		+				+		+			+		+		
Boraginaceae	*Heliotropium ? murinum* **(P3)**						+															
Boraginaceae	*Heliotropium murinum* **(P3)**						+				+	+				+		+				
Boraginaceae	*Heliotropium* sp. 1										+											
Boraginaceae	*Heliotropium* sp. 2	+																				
Boraginaceae	*Trichodesma zeylanicum*			+			+		+		+		+						+		+	
Boraginaceae	*Trichodesma zeylanicum* var. *zeylanicum*												+									
Brassicaceae	*Lepidium pedicellosum*																+					
Byblidaceae	*Byblis pilbarana*														+							
Campanulaceae	*Wahlenbergia tumidifructa*																	+				
Capparaceae	*Capparis spinosa* subsp. *nummularia*																					
Caryophyllaceae	*Polycarpaea corymbosa* var. *corymbosa*			+	+	+	+						+		+							
Caryophyllaceae	*Polycarpaea holtzei*	+		+			+	+	+		+	+	+	+	+		+					

Family	*Taxa*	AaGwTe	AaTw2	AbAlTe	AeAmTe	AhAtTa	AiAaTe	AiAaTw	AiCpTb	AiCpTe1	AiCpTe2	AiCpTw	AiSgTb	AiTe	AmTe	AsPfTl	AtAhTe	AtTe	CcTe	ChAcTw	ChAtTe	#ChTb
Caryophyllaceae	*Polycarpaea longiflora*	+				+						+	+	+		+	+				+	
Celastraceae	*Stackhousia ? intermedia*																					
Celastraceae	*Stackhousia intermedia*														+							
Celastraceae	*Stackhousia muricata*																					
Chenopodiaceae	*Dysphania kalpari*						+	+				+	+					+				
Chenopodiaceae	*Dysphania plantaginella*																	+				
Chenopodiaceae	*Dysphania rhadinostachya*																					
Chenopodiaceae	*Dysphania rhadinostachya* subsp. *inflata*											+										
Chenopodiaceae	*Dysphania rhadinostachya* subsp. *rhadinostachya*						+												+			
Chenopodiaceae	?*Dysphania* sp.																					
Chenopodiaceae	*Dysphania* sp.																					
Chenopodiaceae	*Dysphania sphaerosperma*																					
Chenopodiaceae	*Sclerolaena costata*						+															
Chenopodiaceae	*Sclerolaena densiflora*			+																		
Chenopodiaceae	*Sclerolaena hostilis*																					
Cleomaceae	*Arivela viscosa*	+		+		+	+	+			+	+	+	+	+			+	+	+		
Combretaceae	*Terminalia circumalata*																					
Combretaceae	*Terminalia* sp.																					
Combretaceae	?*Terminalia* sp. 1																					
Combretaceae	?*Terminalia* sp. 2																					
Combretaceae	?*Terminalia* sp. 3																					
Combretaceae	?*Terminalia* sp. 4																					
Commelinaceae	*Commelina ensifolia*					+										+		+				
Convolvulaceae	*Bonamia ? alatisemina*										+	+										
Convolvulaceae	*Bonamia alatisemina*										+											
Convolvulaceae	*Bonamia erecta*	+		+			+	+			+	+	+			+				+		
Convolvulaceae	*Bonamia linearis*			+		+	+				+				+							
Convolvulaceae	*Bonamia ? media*																					
Convolvulaceae	*Bonamia media*						+											+				
Convolvulaceae	*Bonamia pannosa*			+		+	+				+				+			+				+
Convolvulaceae	*Bonamia ? pilbarensis*								+													

Family	*Taxa*	AaGwTe	AaTw2	AbAlTe	AeAmTe	AhAtTa	AiAaTe	AiAaTw	AiCpTb	AiCpTe1	AiCpTe2	AiCpTw	AiSgTb	AiTe	AmTe	AsPfTl	AtAhTe	AtTe	CcTe	ChAcTw	ChAtTe	#ChTb
Convolvulaceae	*Bonamia pilbarensis*	+				+	+	+	+	+	+	+	+	+		+	+		+			
Convolvulaceae	*Bonamia* sp. 1																					
Convolvulaceae	*Bonamia* sp. 2											+										
Convolvulaceae	*Evolvulus alsinoides*						+				+											
Convolvulaceae	*Evolvulus alsinoides* var. *villosicalyx*			+	+	+	+			+	+		+		+	+		+				+
Convolvulaceae	*Ipomoea coptica*					+		+										+		+		
Convolvulaceae	*Ipomoea lonchophylla*																					
Convolvulaceae	*Ipomoea muelleri*					+	+									+		+				
Convolvulaceae	*Ipomoea polymorpha*																	+				
Convolvulaceae	*Operculina aequisepala*					+									+							
Convolvulaceae	*Polymeria ambigua*	+	+				+	+	+			+	+	+	+			+				
Convolvulaceae	*Polymeria calycina*															+						
Convolvulaceae	*Polymeria lanata*												+									
Convolvulaceae	*Polymeria ? mollis*																				+	
Convolvulaceae	*Polymeria mollis*	+														+					+	
Cucurbitaceae	*Austrobryonia pilbarensis*							+														
Cucurbitaceae	**Citrullus colocynthis*						+		+		+	+						+				
Cucurbitaceae	*Cucumis melo*						+															
Cucurbitaceae	**Cucumis myriocarpus* subsp. *myriocarpus*																					
Cucurbitaceae	*Cucumis* sp. Chichester Range (A.A. Mitchell et al. AAM 10691)																					
Cucurbitaceae	*Cucumis variabilis*					+	+		+		+		+	+		+		+			+	
Cucurbitaceae	*Trichosanthes cucumerina* var. *cucumerina*	+																				
Cyperaceae	*Bulbostylis barbata*	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+				
Cyperaceae	*Bulbostylis burbidgeae* **(P4)**						+					+										
Cyperaceae	*Bulbostylis turbinata*			+			+							+								
Cyperaceae	*Cyperus bifax*				+	+											+	+				
Cyperaceae	*Cyperus bulbosus*																	+				
Cyperaceae	*Cyperus cunninghamii* subsp. *cunninghamii*					+													+			
Cyperaceae	*Cyperus dactylotes*																	+				

Family	*Taxa*	AaGwTe	AaTw2	AbAlTe	AeAmTe	AhAtTa	AiAaTe	AiAaTw	AiCpTb	AiCpTe1	AiCpTe2	AiCpTw	AiSgTb	AiTe	AmTe	AsPfTl	AtAhTe	AtTe	CcTe	ChAcTw	ChAtTe	#ChTb
Cyperaceae	*Cyperus difformis*																	+				
Cyperaceae	*Cyperus hesperius*	+											+		+				+			
Cyperaceae	*Cyperus ixiocarpus*					+												+				
Cyperaceae	*Cyperus microcephalus* subsp. *microcephalus*																					
Cyperaceae	*Cyperus* sp. 1																					
Cyperaceae	*Cyperus* sp. 2						+				+											
Cyperaceae	*Cyperus squarrosus*					+	+											+				
Cyperaceae	*Cyperus vaginatus*																	+		+		
Cyperaceae	*Fimbristylis dichotoma*	+					+	+	+	+	+	+			+	+	+					
Cyperaceae	*Fimbristylis elegans*																					
Cyperaceae	*Fimbristylis simulans*			+	+		+						+	+			+					
Cyperaceae	*Fimbristylis* sp.						+			+							+					
Cyperaceae	*Fuirena ciliaris*																	+				
Elatinaceae	*Bergia pedicellaris*											+										
Euphorbiaceae	*Adriana tomentosa*														+							
Euphorbiaceae	*Adriana tomentosa* ?var. *tomentosa*													+								
Euphorbiaceae	*Adriana tomentosa* var. *tomentosa*																					
Euphorbiaceae	*Euphorbia* ?*australis*																					
Euphorbiaceae	*Euphorbia australis* var. *subtomentosa*					+	+	+	+	+	+	+	+	+	+	+	+	+				
Euphorbiaceae	*Euphorbia biconvexa*																	+				
Euphorbiaceae	*Euphorbia boophthona*								+													
Euphorbiaceae	*Euphorbia careyi*				+				+				+	+								
Euphorbiaceae	*Euphorbia coghlanii*	+						+				+		+		+		+		+		
Euphorbiaceae	*Euphorbia inappendiculata* var. *inappendiculata* **(P3)**																					
Euphorbiaceae	*Euphorbia* sp. 1																					
Euphorbiaceae	*Euphorbia* sp. 2						+															
Euphorbiaceae	*Euphorbia* ?*tannensis* subsp. *eremophila*												+									
Euphorbiaceae	*Euphorbia tannensis* subsp. *eremophila*					+	+		+				+		+							
Euphorbiaceae	*Euphorbia trigonosperma*																				+	

Family	*Taxa*	AaGwTe	AaTw2	AbAlTe	AeAmTe	AhAtTa	AiAaTe	AiAaTw	AiCpTb	AiCpTe1	AiCpTe2	AiCpTw	AiSgTb	AiTe	AmTe	AsPfTl	AtAhTe	AtTe	CcTe	ChAcTw	ChAtTe	#ChTb
Euphorbiaceae	*Mallotus nesophilus*																+					
Fabaceae	*Acacia acradenia*	+						+	+		+		+	+								
Fabaceae	*Acacia adoxa* var. *adoxa*		+														+					
Fabaceae	*Acacia adsurgens*								+						+						+	
Fabaceae	*Acacia ampliceps*					+											+	+				
Fabaceae	*Acacia ampliceps x sclerosperma* subsp. *sclerosperma*																					
Fabaceae	*Acacia ancistrocarpa*						+				+	+	+			+						
Fabaceae	*Acacia aptaneura*								+													
Fabaceae	*Acacia arida*		+																			
Fabaceae	*Acacia* ? *bivenosa*			+				+														
Fabaceae	*Acacia bivenosa*	+		+				+	+	+	+	+			+	+				+	+	+
Fabaceae	*Acacia colei*								+							+				+		
Fabaceae	*Acacia colei* ?var. *colei*			+									+		+							
Fabaceae	*Acacia colei* var. *colei*						+															
Fabaceae	*Acacia coriacea* subsp. *pendens*																					
Fabaceae	*Acacia elachantha*																					
Fabaceae	*Acacia eriopoda*				+													+				
Fabaceae	*Acacia eriopoda x trachycarpa*																					
Fabaceae	*Acacia hilliana*		+														+					
Fabaceae	*Acacia holosericea*						+															
Fabaceae	*Acacia inaequilatera*	+				+	+	+	+	+	+	+	+	+		+		+			+	
Fabaceae	*Acacia levata* **(P3)**			+																		
Fabaceae	*Acacia maitlandii*	+			+		+								+			+				
Fabaceae	*Acacia monticola*																					
Fabaceae	*Acacia orthocarpa*	+			+		+			+	+	+	+				+					
Fabaceae	*Acacia pruinocarpa*																					
Fabaceae	*Acacia ptychophylla*			+					+				+	+							+	
Fabaceae	*Acacia pyrifolia*						+						+									
Fabaceae	*Acacia pyrifolia* var. *morrisonii*					+					+							+				
Fabaceae	*Acacia pyrifolia* var. *pyrifolia*						+		+		+							+				
Fabaceae	*Acacia retivenea* subsp. *clandestina*														+							
Fabaceae	*Acacia sericophylla*					+												+				

Family	*Taxa*	AaGwTe	AaTw2	AbAlTe	AeAmTe	AhAtTa	AiAaTe	AiAaTw	AiCpTb	AiCpTe1	AiCpTe2	AiCpTw	AiSgTb	AiTe	AmTe	AsPfTl	AtAhTe	AtTe	CcTe	ChAcTw	ChAtTe	#ChTb
Fabaceae	*Acacia sibirica*																					
Fabaceae	*Acacia* sp. 1			+																		
Fabaceae	*Acacia* sp. 2																					
Fabaceae	*Acacia* sp. 3																					
Fabaceae	*Acacia* sp. 4																					
Fabaceae	*Acacia* sp. 5	+																				
Fabaceae	*Acacia* sp. 6												+									
Fabaceae	*Acacia* sp. 7														+							
Fabaceae	*Acacia* sp. 8																					
Fabaceae	*Acacia* sp. 9	+																				
Fabaceae	*Acacia sphaerostachya*										+											
Fabaceae	*Acacia spondylophylla*																					
Fabaceae	*Acacia stellaticeps*		+	+							+				+	+	+					
Fabaceae	*Acacia synchronicia*							+														
Fabaceae	*Acacia trachycarpa*					+	+			+	+		+	+		+	+	+				
Fabaceae	*Acacia trachycarpa x tumida* var. *pilbarensis*																					
Fabaceae	*Acacia tumida* var. *pilbarensis*	+															+				+	
Fabaceae	*Acacia victoriae* subsp. *victoriae*							+														
Fabaceae	*Alysicarpus muelleri*						+	+				+	+	+		+				+		
Fabaceae	*Cajanus* ? *cinereus*																					
Fabaceae	*Cajanus cinereus*						+		+									+			+	
Fabaceae	*Cajanus pubescens*						+															
Fabaceae	*Cajanus* sp. 1																					
Fabaceae	*Cajanus* sp. 2													+								
Fabaceae	*Cajanus* sp. 3																					
Fabaceae	*Crotalaria* ? *cunninghamii* subsp. *sturtii*																	+				
Fabaceae	*Crotalaria cunninghamii* subsp. *sturtii*					+					+		+			+		+				
Fabaceae	*Crotalaria medicaginea* var. *neglecta*	+					+	+			+		+	+				+			+	
Fabaceae	*Crotalaria novae-hollandiae* subsp. *novae-hollandiae*													+				+				
Fabaceae	*Cullen lachnostachys*						+															
Fabaceae	*Cullen leucanthum*						+							+								

Family	*Taxa*	AaGwTe	AaTw2	AbAlTe	AeAmTe	AhAtTa	AiAaTe	AiAaTw	AiCpTb	AiCpTe1	AiCpTe2	AiCpTw	AiSgTb	AiTe	AmTe	AsPfTl	AtAhTe	AtTe	CcTe	ChAcTw	ChAtTe	#ChTb
Fabaceae	*Cullen leucochaites*											+	+									
Fabaceae	*Cullen martinii*						+					+										
Fabaceae	*Cullen pallidum*															+						
Fabaceae	*Cullen pogonocarpum*						+	+			+	+										
Fabaceae	*Cullen ?pustulatum*																	+				
Fabaceae	*Cullen pustulatum*										+							+			+	
Fabaceae	*Cullen* sp. 1								+													
Fabaceae	*Cullen* sp. 2																	+				
Fabaceae	*Cullen stipulaceum*						+				+			+								
Fabaceae	*Dichrostachys spicata*						+											+				
Fabaceae	*Erythrina vespertilio*																					
Fabaceae	*Glycine canescens*																					
Fabaceae	*Grona filiformis*										+											
Fabaceae	*Indigastrum parviflorum*						+						+									
Fabaceae	*Indigofera colutea*				+		+					+		+		+		+				
Fabaceae	*Indigofera deserticola*									+	+	+				+				+		
Fabaceae	*Indigofera hirsuta*						+															
Fabaceae	*Indigofera linifolia*						+					+	+					+				
Fabaceae	*Indigofera linnaei*						+									+		+				
Fabaceae	*Indigofera monophylla*	+		+	+		+	+	+		+	+	+	+	+	+	+		+	+	+	+
Fabaceae	*Indigofera rugosa*						+	+				+	+	+								
Fabaceae	**Indigofera sessiliflora*						+											+				
Fabaceae	*Indigofera* sp. 1										+											
Fabaceae	*Indigofera* sp. 2						+											+				
Fabaceae	*Indigofera* sp. 3										+											
Fabaceae	*Indigofera trita*						+							+								
Fabaceae	*Indigofera trita* ?subsp. *trita*																	+				
Fabaceae	*Indigofera trita* subsp. *trita*							+														
Fabaceae	*Isotropis atropurpurea*	+								+	+	+					+					
Fabaceae	*Neptunia* sp.											+										
Fabaceae	*Petalostylis labicheoides*		+					+							+		+			+		
Fabaceae	*Rhynchosia australis*	+						+					+									
Fabaceae	*Rhynchosia minima*					+	+	+	+	+	+	+	+	+		+		+		+		

Family	*Taxa*	AaGwTe	AaTw2	AbAlTe	AeAmTe	AhAtTa	AiAaTe	AiAaTw	AiCpTb	AiCpTe1	AiCpTe2	AiCpTw	AiSgTb	AiTe	AmTe	AsPfTl	AtAhTe	AtTe	CcTe	ChAcTw	ChAtTe	#ChTb
Fabaceae	*Rhynchosia* sp. 1																					
Fabaceae	*Rhynchosia* sp. 2								+												+	
Fabaceae	*Rhynchosia* sp. 3															+						
Fabaceae	*Rhynchosia* sp. 4										+							+				
Fabaceae	*Rhynchosia* sp. 5																					
Fabaceae	*Rhynchosia* sp. 6																					
Fabaceae	*Senna artemisioides* subsp. *helmsii*			+										+								
Fabaceae	*Senna artemisioides* subsp. *helmsii x oligophylla*																					
Fabaceae	*Senna artemisioides* subsp. *oligophylla*						+	+			+	+		+						+	+	
Fabaceae	*Senna ferraria*																					
Fabaceae	*Senna glaucifolia*																					
Fabaceae	*Senna ? glutinosa*								+													
Fabaceae	*Senna glutinosa*									+		+		+								
Fabaceae	*Senna glutinosa* subsp. *glutinosa*	+	+	+			+	+	+	+	+	+	+	+			+		+			+
Fabaceae	*Senna glutinosa* subsp. *pruinosa*	+		+				+	+					+		+						
Fabaceae	*Senna glutinosa* subsp. *x luerssenii*																					
Fabaceae	*Senna notabilis*	+				+	+	+	+	+	+	+	+	+	+	+		+		+	+	
Fabaceae	*Senna symonii*	+	+	+			+		+			+		+			+					+
Fabaceae	*Senna venusta*												+	+								
Fabaceae	*Sesbania cannabina*																	+				
Fabaceae	*Sesbania formosa*																					
Fabaceae	*Swainsona decurrens*												+									
Fabaceae	*Swainsona ? formosa*																	+				
Fabaceae	*Swainsona formosa*						+															
Fabaceae	*Swainsona* sp. 1																					
Fabaceae	*Swainsona* sp. 2																					
Fabaceae	*Swainsona stenodonta*						+			+		+										
Fabaceae	*Templetonia hookeri*																+					
Fabaceae	*Tephrosia clementii*																					
Fabaceae	*Tephrosia densa*					+	+	+			+											
Fabaceae	*Tephrosia leptoclada*														+							
Fabaceae	*Tephrosia rosea*																					

Family	*Taxa*	AaGwTe	AaTw2	AbAlTe	AeAmTe	AhAtTa	AiAaTe	AiAaTw	AiCpTb	AiCpTe1	AiCpTe2	AiCpTw	AiSgTb	AiTe	AmTe	AsPfTl	AtAhTe	AtTe	CcTe	ChAcTw	ChAtTe	#ChTb
Fabaceae	*Tephrosia rosea* ?var. *clementii*								+												+	
Fabaceae	*Tephrosia rosea* var. *clementii*	+								+	+		+		+		+					
Fabaceae	?*Tephrosia* sp.																					
Fabaceae	*Tephrosia* sp. 1									+												
Fabaceae	*Tephrosia* sp. 2						+															
Fabaceae	*Tephrosia* sp. B Kimberley Flora (C.A. Gardner 7300)	+										+										
Fabaceae	*Tephrosia* sp. Bungaroo Creek (M.E. Trudgen 11601)	+					+	+			+	+	+				+			+		
Fabaceae	*Tephrosia* sp. clay soils (S. van Leeuwen et al. PBS 0273)												+									
Fabaceae	*Tephrosia* sp. D Kimberley Flora (R.D. Royce 1848)								+													
Fabaceae	*Tephrosia* sp. Newman (A.A. Mitchell PRP 29)						+					+										
Fabaceae	*Tephrosia* sp. NW Eremaean (S. van Leeuwen et al. PBS 0356)						+				+	+		+								
Fabaceae	*Tephrosia* ?*supina*						+											+				
Fabaceae	*Tephrosia supina*					+	+				+	+		+		+						
Fabaceae	*Tephrosia* ?*virens*														+							
Fabaceae	*Tephrosia virens*								+						+							
Fabaceae	**Vachellia farnesiana* var. *farnesiana*					+	+					+				+		+				
Fabaceae	*Vigna lanceolata* var. *lanceolata*					+																
Fabaceae	*Vigna* sp. Hamersley Clay (A.A. Mitchell PRP 113)												+					+				
Fabaceae	*Zornia albiflora*						+															
Goodeniaceae	*Dampiera candicans*				+		+		+				+	+	+		+		+		+	
Goodeniaceae	*Dampiera* sp.																					
Goodeniaceae	*Goodenia armitiana*						+				+	+										
Goodeniaceae	*Goodenia* ?*cusackiana*						+															
Goodeniaceae	*Goodenia cusackiana*			+			+		+			+										
Goodeniaceae	*Goodenia lamprosperma*																					
Goodeniaceae	*Goodenia microptera*			+			+	+	+		+	+	+		+	+				+		
Goodeniaceae	*Goodenia* ?*muelleriana*																					

Family	*Taxa*	AaGwTe	AaTw2	AbAlTe	AeAmTe	AhAtTa	AiAaTe	AiAaTw	AiCpTb	AiCpTe1	AiCpTe2	AiCpTw	AiSgTb	AiTe	AmTe	AsPfTl	AtAhTe	AtTe	CcTe	ChAcTw	ChAtTe	#ChTb
Goodeniaceae	*Goodenia muelleriana*						+	+	+		+		+		+					+		
Goodeniaceae	*Goodenia nuda*																					
Goodeniaceae	*Goodenia scaevolina*																					
Goodeniaceae	*Goodenia* sp. 1																					
Goodeniaceae	*Goodenia* sp. 2													+								
Goodeniaceae	*Goodenia stobbsiana*	+	+		+			+	+				+	+			+				+	
Goodeniaceae	*Goodeniaceae* sp.						+															
Goodeniaceae	*Scaevola* ?*amblyanthera* var. *centralis*																					
Goodeniaceae	*Scaevola amblyanthera* var. *centralis*						+					+						+		+		
Goodeniaceae	*Scaevola browniana* subsp. *browniana*										+											
Goodeniaceae	*Scaevola parvifolia*					+																
Goodeniaceae	*Scaevola* sp.																					
Gyrostemonaceae	*Codonocarpus cotinifolius*								+													
Haloragaceae	*Gonocarpus ephemerus*														+							
Haloragaceae	*Haloragis* ?*gossei*			+														+				
Haloragaceae	*Haloragis gossei* ?var. *gossei*														+							
Haloragaceae	*Haloragis gossei* var. *gossei*														+			+				
Haloragaceae	*Haloragis* sp. 1																	+				
Haloragaceae	*Haloragis* sp. 2																					
Lamiaceae	*Basilicum polystachyon*																					
Lamiaceae	*Clerodendrum floribundum* var. ?*angustifolium*																					
Lamiaceae	*Clerodendrum floribundum* var. *angustifolium*						+					+						+				
Lamiaceae	*Clerodendrum tomentosum* var. *lanceolatum*																					
Lamiaceae	*Clerodendrum tomentosum* var. *tomentosum*																					
Lamiaceae	*Quoya zonalis* **(T)**	+															+					
Lauraceae	*Cassytha capillaris*		+			+	+		+			+				+		+				+
Lauraceae	*Cassytha filiformis*															+						
Lauraceae	*Cassytha* sp. 1																					
Lauraceae	*Cassytha* sp. 2																					

Family	*Taxa*	AaGwTe	AaTw2	AbAlTe	AeAmTe	AhAtTa	AiAaTe	AiAaTw	AiCpTb	AiCpTe1	AiCpTe2	AiCpTw	AiSgTb	AiTe	AmTe	AsPfTl	AtAhTe	AtTe	CcTe	ChAcTw	ChAtTe	#ChTb
Lauraceae	*Cassytha* sp. 3																+					
Loganiaceae	*Mitrasacme connata*																+					
Loranthaceae	*Lysiana casuarinae*										+											
Lythraceae	*Ammannia baccifera*						+											+				
Lythraceae	*Ammannia multiflora*																	+				
Lythraceae	*Ammannia* sp. 1																					
Lythraceae	*Ammannia* sp. 2																					
Lythraceae	*Ammannia* sp. 3																					
Lythraceae	*Ammannia* sp. 4																					
Malvaceae	*Abutilon fraseri* subsp. *fraseri*																					
Malvaceae	*Abutilon lepidum*						+					+		+								
Malvaceae	*Abutilon* ? *leucopetalum*																					
Malvaceae	*Abutilon macrum*																					
Malvaceae	*Abutilon* sp. 1																					
Malvaceae	*Abutilon* sp. 2																					
Malvaceae	*Abutilon* sp. 3																					
Malvaceae	*Abutilon* sp. Dioicum (A.A. Mitchell PRP 1618)						+		+			+										
Malvaceae	*Abutilon* sp. Pilbara (W.R. Barker 2025)						+															
Malvaceae	*Brachychiton acuminatus*																					
Malvaceae	*Corchorus* ? *incanus*											+										
Malvaceae	*Corchorus incanus*						+				+					+		+				
Malvaceae	*Corchorus* ? *incanus* subsp. *incanus*												+									
Malvaceae	*Corchorus incanus* subsp. *incanus*	+		+		+	+	+				+	+		+		+	+				
Malvaceae	*Corchorus laniflorus*						+		+	+	+			+	+						+	
Malvaceae	*Corchorus lasiocarpus* subsp. *lasiocarpus*										+											
Malvaceae	*Corchorus* ? *parviflorus*										+											
Malvaceae	*Corchorus parviflorus*		+		+	+	+		+	+	+	+		+		+		+		+	+	+
Malvaceae	*Corchorus* sp. 1											+										
Malvaceae	*Corchorus* sp. 2	+																				
Malvaceae	*Corchorus tridens*					+		+								+		+				
Malvaceae	*Corchorus trilocularis*							+														

Family	Taxa	AaGwTe	AaTw2	AbAlTe	AeAmTe	AhAtTa	AiAaTe	AiAaTw	AiCpTb	AiCpTe1	AiCpTe2	AiCpTw	AiSgTb	AiTe	AmTe	AsPfTl	AtAhTe	AtTe	CcTe	ChAcTw	ChAtTe	#ChTb
Malvaceae	*Corchorus walcottii*						+				+	+				+						
Malvaceae	*Gossypium australe*			+			+	+	+		+	+	+	+				+	+	+	+	
Malvaceae	*Gossypium robinsonii*																				+	
Malvaceae	*Hibiscus austrinus* var. *austrinus*					+												+				
Malvaceae	*Hibiscus brachychlaenus*																					
Malvaceae	*Hibiscus burtonii*											+				+						
Malvaceae	*Hibiscus coatesii*												+	+					+			
Malvaceae	*Hibiscus goldsworthii*																+					
Malvaceae	*Hibiscus leptocladus*						+							+		+						
Malvaceae	?*Hibiscus sturtii*														+							
Malvaceae	*Hibiscus ?sturtii*																	+				
Malvaceae	*Hibiscus sturtii*																					
Malvaceae	*Hibiscus sturtii* var. *campylochlamys*	+									+	+				+						
Malvaceae	*Hibiscus sturtii* var. *platychlamys*					+	+							+								
Malvaceae	MALVACEAE sp. 1																					
Malvaceae	MALVACEAE sp. 2																					
Malvaceae	MALVACEAE sp. 3										+											
Malvaceae	**Malvastrum americanum*																					
Malvaceae	*Melhania oblongifolia*																					
Malvaceae	*Seringia nephrosperma*														+							
Malvaceae	*Sida arenicola*					+	+				+											
Malvaceae	*Sida arsiniata*																					
Malvaceae	*Sida cardiophylla*					+	+			+				+								
Malvaceae	*Sida clementii*											+				+						
Malvaceae	*Sida ?echinocarpa*																					
Malvaceae	*Sida echinocarpa*						+															
Malvaceae	*Sida ?fibulifera*					+																
Malvaceae	*Sida fibulifera*							+				+				+					+	
Malvaceae	*Sida ?macropoda*																					
Malvaceae	*Sida macropoda*							+														
Malvaceae	*Sida platycalyx*																					
Malvaceae	*Sida rohlenae* subsp. *rohlenae*					+	+											+				
Malvaceae	*Sida* sp. 1																		+			

Family	*Taxa*	AaGwTe	AaTw2	AbAlTe	AeAmTe	AhAtTa	AiAaTe	AiAaTw	AiCpTb	AiCpTe1	AiCpTe2	AiCpTw	AiSgTb	AiTe	AmTe	AsPfTl	AtAhTe	AtTe	CcTe	ChAcTw	ChAtTe	#ChTb
Malvaceae	*Sida* sp. 2																					
Malvaceae	*Sida* sp. 3																		+			
Malvaceae	*Sida* sp. articulation below (A.A. Mitchell PRP 1605)																					
Malvaceae	*Sida* sp. Excedentifolia (J.L. Egan 1925)																					
Malvaceae	*Sida* sp. Pilbara (A.A. Mitchell PRP 1543)			+			+	+	+		+				+	+	+		+			
Malvaceae	*Sida* sp. spiciform panicles (E. Leyland s.n. 14/8/90)																					
Malvaceae	*Sida spinosa*					+	+					+				+						
Malvaceae	*Triumfetta ? appendiculata*																					
Malvaceae	*Triumfetta appendiculata*								+		+			+						+	+	
Malvaceae	*Triumfetta chaetocarpa*			+			+				+	+	+	+	+	+	+	+				
Malvaceae	*Triumfetta clementii*	+					+	+			+		+		+							
Malvaceae	*Triumfetta johnstonii*																+					
Malvaceae	*Triumfetta leptacantha*															+						
Malvaceae	*Triumfetta maconochieana*								+	+			+	+					+			
Malvaceae	*Triumfetta propinqua*						+				+											
Malvaceae	*Triumfetta ramosa*																					
Malvaceae	*Triumfetta* sp. 1																+					
Malvaceae	*Triumfetta* sp. 2																					
Malvaceae	*Waltheria indica*						+															
Malvaceae	*Waltheria virgata*				+																	
Marsileaceae	*Marsilea exarata*											+										
Marsileaceae	*Marsilea hirsuta*																	+				
Marsileaceae	*Marsilea* sp. 1																					
Marsileaceae	*Marsilea* sp. 2																					
Menispermaceae	*Tinospora smilacina*						+			+	+				+	+	+	+				
Molluginaceae	*Hypertelis cerviana*																	+				
Molluginaceae	*Trigastrotheca molluginea*	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+		+	
Montiaceae	*Calandrinia ptychosperma*															+						
Montiaceae	*Calandrinia ? pumila*														+			+				
Montiaceae	*Calandrinia ? stagnensis*																+					

Family	*Taxa*	AaGwTe	AaTw2	AbAlTe	AeAmTe	AhAtTa	AiAaTe	AiAaTw	AiCpTb	AiCpTe1	AiCpTe2	AiCpTw	AiSgTb	AiTe	AmTe	AsPfTl	AtAhTe	AtTe	CcTe	ChAcTw	ChAtTe	#ChTb
Montiaceae	*Calandrinia tepperiana*					+												+				
Moraceae	*Ficus aculeata* var. *indecora*																	+				
Moraceae	*Ficus brachypoda*																		+			
Myrtaceae	*Corymbia* ? *candida* subsp. *candida*																		+			
Myrtaceae	*Corymbia candida* subsp. *candida*																		+			
Myrtaceae	*Corymbia flavescens*																					
Myrtaceae	?*Corymbia hamersleyana*																					
Myrtaceae	*Corymbia* ? *hamersleyana*										+											
Myrtaceae	*Corymbia hamersleyana*	+					+			+	+	+	+	+		+	+	+		+	+	+
Myrtaceae	?*Corymbia* sp.										+											
Myrtaceae	*Corymbia* sp. 1																					
Myrtaceae	*Corymbia* sp. 2																					
Myrtaceae	*Corymbia* sp. 3																		+			
Myrtaceae	*Eucalyptus* ? *camaldulensis*																	+				
Myrtaceae	*Eucalyptus camaldulensis*																					
Myrtaceae	*Eucalyptus camaldulensis* ?subsp. *refulgens*																					
Myrtaceae	*Eucalyptus camaldulensis* subsp. *refulgens*																	+		+		
Myrtaceae	*Eucalyptus leucophloia*																					
Myrtaceae	*Eucalyptus* ? *leucophloia* subsp. *Leucophloia*																					
Myrtaceae	*Eucalyptus leucophloia* subsp. *leucophloia*																		+			
Myrtaceae	*Eucalyptus* sp. 1																					
Myrtaceae	*Eucalyptus* sp. 2																					
Myrtaceae	*Eucalyptus victrix*			+																		
Myrtaceae	*Melaleuca argentea*																					
Myrtaceae	*Melaleuca bracteata*					+																
Myrtaceae	*Melaleuca* ? *glomerata*																					
Myrtaceae	*Melaleuca glomerata*																	+				
Myrtaceae	*Melaleuca* ? *linophylla*																+					
Myrtaceae	*Melaleuca linophylla*																					

Family	*Taxa*	AaGwTe	AaTw2	AbAlTe	AeAmTe	AhAtTa	AiAaTe	AiAaTw	AiCpTb	AiCpTe1	AiCpTe2	AiCpTw	AiSgTb	AiTe	AmTe	AsPfTl	AtAhTe	AtTe	CcTe	ChAcTw	ChAtTe	#ChTb
Nyctaginaceae	*Boerhavia burbidgeana*								+									+			+	
Nyctaginaceae	*Boerhavia* ?*coccinea*					+																
Nyctaginaceae	*Boerhavia coccinea*					+	+		+	+	+	+		+		+		+				
Nyctaginaceae	*Boerhavia gardneri*						+	+	+		+	+	+	+				+		+		
Nyctaginaceae	*Boerhavia* sp.						+															
Oleaceae	*Jasminum didymum* subsp. *lineare*																					
Onagraceae	*Ludwigia perennis*																					
Papaveraceae	**Argemone ochroleuca* subsp. *ochroleuca*																	+				
Pedaliaceae	*Josephinia eugeniae*						+															
Pedaliaceae	*Josephinia* sp. Mt Edgar Station (N.T. Burbidge 1194)						+															
Phyllanthaceae	*Cathetus* sp.																					
Phyllanthaceae	*Cathetus virgatus*																					
Phyllanthaceae	*Flueggea virosa* subsp. *melanthesoides*																					
Phyllanthaceae	*Kirganelia baccata*																					
Phyllanthaceae	*Nellica maderaspatensis*							+		+			+	+				+				
Phyllanthaceae	*Notoleptopus decaisnei*	+				+	+	+				+		+				+			+	
Phyllanthaceae	*Phyllanthus hebecarpus* **(P3)**																+					
Pittosporaceae	*Pittosporum angustifolium*	+																				
Plantaginaceae	*Stemodia grossa*					+	+						+			+	+	+				
Plantaginaceae	*Stemodia kingii*																					
Plantaginaceae	*Stemodia viscosa*						+											+				
Poaceae	*Aristida burbidgeae*																					
Poaceae	?*Aristida contorta*										+											
Poaceae	*Aristida contorta*	+		+	+		+	+			+	+				+	+					
Poaceae	*Aristida holathera* var. *holathera*			+			+	+			+	+	+		+	+	+					
Poaceae	*Aristida inaequiglumis*						+															
Poaceae	**Cenchrus ciliaris*					+	+	+		+	+	+		+		+		+		+	+	
Poaceae	**Cenchrus setiger*					+	+					+				+		+			+	
Poaceae	*Cenchrus* sp.						+															
Poaceae	**Chloris barbata*																	+				
Poaceae	*Chloris pumilio*																	+				

Family	*Taxa*	AaGwTe	AaTw2	AbAlTe	AeAmTe	AhAtTa	AiAaTe	AiAaTw	AiCpTb	AiCpTe1	AiCpTe2	AiCpTw	AiSgTb	AiTe	AmTe	AsPfTl	AtAhTe	AtTe	CcTe	ChAcTw	ChAtTe	#ChTb
Poaceae	**Chloris virgata*																	+				
Poaceae	*Chrysopogon fallax*			+			+	+							+	+		+		+	+	
Poaceae	*Cymbopogon ambiguus*	+			+	+	+		+	+	+		+	+	+	+		+	+	+	+	
Poaceae	*Cymbopogon obtectus*																					
Poaceae	*Cymbopogon procerus*						+		+					+								
Poaceae	*Cynodon convergens*							+														
Poaceae	**Cynodon dactylon*																					
Poaceae	*Cynodon prostratus*						+															
Poaceae	*Dactyloctenium radulans*					+	+									+		+				
Poaceae	*Dichanthium fecundum*																					
Poaceae	*Dichanthium sericeum* subsp. *humilius*							+														
Poaceae	*Digitaria brownii*																					
Poaceae	*Digitaria ctenantha*															+						
Poaceae	*Diplachne fusca* subsp. *fusca*																	+				
Poaceae	**Echinochloa colona*																					
Poaceae	*Enneapogon ?caerulescens*						+															
Poaceae	*Enneapogon caerulescens*					+	+					+	+									
Poaceae	*Enneapogon lindleyanus*						+					+	+					+				
Poaceae	*Enneapogon polyphyllus*						+			+		+										
Poaceae	*Enneapogon* sp.											+										
Poaceae	*Eragrostis crateriformis* **(P3)**																	+				
Poaceae	*Eragrostis cumingii*					+	+				+				+	+		+				
Poaceae	*Eragrostis desertorum*											+				+						
Poaceae	*Eragrostis dielsii*						+								+							
Poaceae	*Eragrostis eriopoda*			+			+				+	+				+		+				
Poaceae	*Eragrostis exigua*																					
Poaceae	**Eragrostis minor*						+					+						+				
Poaceae	*Eragrostis olida*						+				+											
Poaceae	*Eragrostis* sp. 1											+										
Poaceae	*Eragrostis* sp. 2															+						
Poaceae	*Eragrostis ?tenellula*																					
Poaceae	*Eragrostis tenellula*																					
Poaceae	*Eriachne aristidea*						+								+							

Family	*Taxa*	AaGwTe	AaTw2	AbAlTe	AeAmTe	AhAtTa	AiAaTe	AiAaTw	AiCpTb	AiCpTe1	AiCpTe2	AiCpTw	AiSgTb	AiTe	AmTe	AsPfTl	AtAhTe	AtTe	CcTe	ChAcTw	ChAtTe	#ChTb
Poaceae	*Eriachne benthamii*					+								+				+				
Poaceae	*Eriachne ciliata*				+											+	+					
Poaceae	*Eriachne flaccida*							+														
Poaceae	*Eriachne helmsii*																					
Poaceae	*Eriachne melicacea*																					
Poaceae	*Eriachne mucronata*	+			+		+		+	+	+		+	+	+				+		+	
Poaceae	*Eriachne obtusa*						+												+			
Poaceae	*Eriachne pulchella*																					
Poaceae	*Eriachne pulchella* subsp. *dominii*				+		+															
Poaceae	*Eriachne pulchella* subsp. *Pulchella*	+		+			+	+		+		+	+	+	+	+	+					
Poaceae	*Eriachne* sp. 1																		+			
Poaceae	*Eriachne* sp. 2																+					
Poaceae	*Eriachne* sp. 3																					
Poaceae	*Eriachne* sp. 4																					
Poaceae	*Eriachne* sp. Dugald River (B.K. Simon+ 3007)					+	+						+		+							
Poaceae	*Eriachne tenuiculmis*											+	+					+		+		+
Poaceae	*Eulalia aurea*																					
Poaceae	*Iseilema dolichotrichum*						+															
Poaceae	*Iseilema membranaceum*																					
Poaceae	*Panicum australiense*			+			+															
Poaceae	*Panicum australiense* var. *australiense*							+							+	+						
Poaceae	*Paraneurachne muelleri*			+		+	+				+	+	+	+		+					+	
Poaceae	*Paspalidium basicladum*																					
Poaceae	*Paspalidium clementii*											+	+									
Poaceae	*Paspalidium jubiflorum*																					
Poaceae	*Paspalidium rarum*						+				+				+	+						
Poaceae	*Perotis rara*				+	+	+				+					+		+				
Poaceae	POACEAE sp. 1																	+				
Poaceae	POACEAE sp. 2																					
Poaceae	POACEAE sp. 3														+							
Poaceae	*Schizachyrium fragile*						+								+							
Poaceae	**Setaria verticillata*																					

Family	*Taxa*	AaGwTe	AaTw2	AbAlTe	AeAmTe	AhAtTa	AiAaTe	AiAaTw	AiCpTb	AiCpTe1	AiCpTe2	AiCpTw	AiSgTb	AiTe	AmTe	AsPfTl	AtAhTe	AtTe	CcTe	ChAcTw	ChAtTe	#ChTb
Poaceae	*Sporobolus actinocladus*					+	+				+					+		+				
Poaceae	*Sporobolus australasicus*			+		+	+	+		+		+		+	+		+					
Poaceae	*Sporobolus ramigerus*						+											+				
Poaceae	*Themeda ? triandra*																					
Poaceae	*Themeda triandra*	+				+			+	+	+		+	+						+	+	
Poaceae	*Triodia ? angusta*																					
Poaceae	*Triodia angusta*					+	+	+														
Poaceae	*Triodia ? brizoides*												+						+			
Poaceae	*Triodia brizoides*	+					+		+	+			+	+							+	+
Poaceae	*Triodia ? epactia*										+						+		+			
Poaceae	*Triodia epactia*	+	+	+	+		+		+	+	+	+	+	+	+	+	+	+	+		+	
Poaceae	*Triodia lanigera*	+															+					
Poaceae	*Triodia longiceps*		+	+		+	+	+				+			+	+		+				
Poaceae	*Triodia secunda*																					
Poaceae	*Triodia ? wiseana*											+										
Poaceae	*Triodia wiseana*	+	+	+			+	+	+	+	+	+	+	+	+	+	+	+	+	+		+
Poaceae	*Tripogonella loliiformis*	+					+				+	+			+							
Poaceae	*Whiteochloa cymbiformis*																					
Polygalaceae	*Polygala glaucifolia*							+					+									
Polygalaceae	*Polygala isingii*			+							+	+										
Polygalaceae	*Polygala* sp.													+								
Portulacaceae	*Portulaca filifolia*																					
Portulacaceae	*Portulaca oleracea*			+		+	+	+		+		+			+			+				
Potamogetonaceae	*Potamogeton tepperi*																					
Proteaceae	*Grevillea pyramidalis* subsp. *leucadendron*					+	+		+	+	+	+	+	+		+		+	+	+	+	
Proteaceae	*Grevillea wickhamii*	+					+		+	+	+	+		+	+	+	+					
Proteaceae	*Grevillea wickhamii* subsp. *aprica*		+		+		+	+		+	+			+	+	+	+	+			+	
Proteaceae	*Grevillea wickhamii* subsp. *hispidula*	+					+			+	+		+		+				+			
Proteaceae	*Hakea lorea* subsp. *lorea*	+	+	+		+	+		+		+	+		+		+		+	+	+		
Pteridaceae	*Cheilanthes sieberi* subsp. *Sieberi*																					
Pteridaceae	*Cheilanthes* sp.																					
Rubiaceae	*Dolichocarpa crouchiana*				+			+	+			+	+		+							

Family	*Taxa*	AaGwTe	AaTw2	AbAlTe	AeAmTe	AhAtTa	AiAaTe	AiAaTw	AiCpTb	AiCpTe1	AiCpTe2	AiCpTw	AiSgTb	AiTe	AmTe	AsPfTl	AtAhTe	AtTe	CcTe	ChAcTw	ChAtTe	#ChTb
Rubiaceae	*Synaptantha tillaeacea* var. *tillaeacea*			+	+		+	+			+	+			+		+			+		
Sapindaceae	*Atalaya hemiglauca*					+				+	+		+	+				+	+	+		
Sapindaceae	*Dodonaea coriacea*									+			+	+								
Scrophulariaceae	*Eremophila latrobei* ?subsp. *glabra*									+												
Scrophulariaceae	*Eremophila latrobei* subsp. *glabra*			+			+			+		+		+								
Scrophulariaceae	*Eremophila latrobei* subsp. *latrobei*																					
Scrophulariaceae	*Eremophila longifolia*						+				+											
Solanaceae	*Nicotiana benthamiana*						+				+	+										
Solanaceae	*Nicotiana bilybara*	+										+	+	+	+		+					
Solanaceae	*Nicotiana occidentalis*																					
Solanaceae	**Physalis angulata*																	+				
Solanaceae	*Solanum ?centrale*	+		+											+							
Solanaceae	*Solanum cleistogamum*																					
Solanaceae	*Solanum diversiflorum*	+		+	+	+	+	+	+			+	+	+		+		+				
Solanaceae	*Solanum gabrielae*						+		+	+	+			+			+					
Solanaceae	*Solanum horridum*						+	+	+				+		+			+	+			
Solanaceae	*Solanum lasiophyllum*						+		+										+			
Solanaceae	*Solanum lucani*																					
Solanaceae	**Solanum nigrum*						+															
Solanaceae	*Solanum ?phlomoides*																				+	
Solanaceae	*Solanum phlomoides*				+	+	+				+	+	+	+					+			
Solanaceae	*Solanum* sp.											+										
Stylidiaceae	*Stylidium desertorum*														+							
Typhaceae	*Typha domingensis*																					
Violaceae	*Afrohybanthus ?aurantiacus*										+											
Violaceae	*Afrohybanthus aurantiacus*					+	+	+		+	+	+	+	+	+	+		+		+	+	
Violaceae	*?Afrohybanthus* sp.																					
Zygophyllaceae	*Tribulus hirsutus*		+	+			+	+				+	+		+	+		+		+		
Zygophyllaceae	*Tribulus occidentalis*						+	+				+										
Zygophyllaceae	*Tribulus ?platypterus*																		+			
Zygophyllaceae	*Tribulus platypterus*			+	+		+	+	+			+	+	+								
Zygophyllaceae	*Tribulus suberosus*								+								+					

Vegetation Units ChTe – Tw2

Family	*Taxa*	ChTe	ChTl	CspTb	EcMa	EcTl	ElAtTe	ElCpTb	ElGwTw	ElTlTb	EvAtEb	EvCi	#EvMa	EvMlTe	GwCpTe	GwTw	TcAtTe	TcSpTl	Ts	Tw1	Tw2
Acanthaceae	*Rostellularia adscendens* var. *clementii*													+							
Aizoaceae	*Trianthema pilosum*					+															
Aizoaceae	**Trianthema portulacastrum*													+							
Aizoaceae	*Trianthema triquetrum*		+			+								+							
Aizoaceae	*Trianthema turgidifolium*		+																		
Aizoaceae	*Zaleya galericulata* subsp. *galericulata*	+																			
Amaranthaceae	*Achyranthes aspera*																				
Amaranthaceae	**Aerva javanica*	+	+		+	+						+	+	+						+	
Amaranthaceae	*Alternanthera denticulata*				+																
Amaranthaceae	*Alternanthera denticulata* var. *denticulata*				+									+							
Amaranthaceae	*Alternanthera nana*		+		+	+					+			+							
Amaranthaceae	*Amaranthus cuspidifolius*														+						
Amaranthaceae	*Amaranthus undulatus*	+			+	+	+				+	+		+	+						
Amaranthaceae	*Gomphrena canescens*			+																	
Amaranthaceae	*Gomphrena cunninghamii*		+		+		+		+			+		+	+		+	+			+
Amaranthaceae	*Gomphrena kanisii*																				
Amaranthaceae	*Gomphrena lanata*													+							
Amaranthaceae	*Gomphrena leptoclada* subsp. *leptoclada*													+							+
Amaranthaceae	*Ptilotus astrolasius*		+	+										+						+	
Amaranthaceae	*Ptilotus auriculifolius*	+	+	+	+		+		+					+						+	
Amaranthaceae	*Ptilotus axillaris*																				
Amaranthaceae	*Ptilotus calostachyus*		+	+			+		+	+							+				
Amaranthaceae	*Ptilotus clementii*						+		+												
Amaranthaceae	*Ptilotus exaltatus*		+		+															+	
Amaranthaceae	*Ptilotus fusiformis*						+		+			+		+	+		+				
Amaranthaceae	*Ptilotus gomphrenoides*																				
Amaranthaceae	*Ptilotus incanus*	+							+					+							
Amaranthaceae	*Ptilotus mollis* **(P4)**							+													
Amaranthaceae	*Ptilotus obovatus*														+						
Amaranthaceae	?*Ptilotus* sp.													+							
Amaranthaceae	*Ptilotus* sp.		+																		

Family	*Taxa*	ChTe	ChTl	CspTb	EcMa	EcTl	ElAtTe	ElCpTb	ElGwTw	ElTlTb	EvAtEb	EvCi	#EvMa	EvMlTe	GwCpTe	GwTw	TcAtTe	TcSpTl	Ts	Tw1	Tw2
Apocynaceae	**Calotropis procera*	+	+		+	+							+	+							+
Apocynaceae	*Carissa lanceolata*				+							+									
Apocynaceae	*Cynanchum floribundum*				+										+						
Apocynaceae	*Cynanchum viminale* subsp. *australe*																				
Apocynaceae	*Gymnanthera cunninghamii* **(P3)**				+																
Apocynaceae	*Gymnema erectum*			+																	
Apocynaceae	*Vincetoxicum flexuosum*																	+			
Araliaceae	*Trachymene oleracea*														+						
Araliaceae	*Trachymene oleracea* subsp. *oleracea*		+				+		+					+							
Araliaceae	*Trachymene pilbarensis*																				
Asteraceae	*Blumea tenella*				+																
Asteraceae	*Centipeda minima* subsp. *macrocephala*													+							
Asteraceae	*Chrysocephalum apiculatum* subsp. *pilbarense*					+															
Asteraceae	*Chrysocephalum* sp.					+															
Asteraceae	**Flaveria trinervia*													+							
Asteraceae	*Olearia fluvialis*				+																
Asteraceae	*Pentalepis trichodesmoides* subsp. *trichodesmoides*	+	+																		+
Asteraceae	*Pluchea dentex*				+									+							
Asteraceae	*Pluchea ferdinandi-muelleri*		+		+	+								+					+		
Asteraceae	*?Pluchea rubelliflora*				+																
Asteraceae	*Pluchea rubelliflora*		+		+	+								+							
Asteraceae	*Pluchea tetranthera*		+		+	+								+							
Asteraceae	*Pterocaulon serrulatum* var. *velutinum*		+			+									+						
Asteraceae	*Pterocaulon sphacelatum*	+												+							
Asteraceae	**Sonchus oleraceus*													+							
Asteraceae	*Streptoglossa ?bubakii*																				
Asteraceae	*Streptoglossa ?decurrens*																				
Asteraceae	*Streptoglossa decurrens*													+							
Asteraceae	*Vittadinia dissecta* var. *hirta*													+							
Bixaceae	*Cochlospermum macnamarae* **(P1)**																				
Boraginaceae	*Ehretia saligna* var. *saligna*	+			+									+	+		+				

Family	*Taxa*	ChTe	ChTl	CspTb	EcMa	EcTl	ElAtTe	ElCpTb	ElGwTw	ElTlTb	EvAtEb	EvCi	#EvMa	EvMlTe	GwCpTe	GwTw	TcAtTe	TcSpTl	Ts	Tw1	Tw2
Boraginaceae	*Euploca ? chrysocarpa*																				
Boraginaceae	*Euploca chrysocarpa*		+																		
Boraginaceae	*Euploca conocarpa*																				
Boraginaceae	*Euploca ? cunninghamii*																				
Boraginaceae	*Euploca cunninghamii*		+		+							+		+							+
Boraginaceae	*Euploca heterantha*		+																		
Boraginaceae	*Euploca ? pachyphylla*		+																		
Boraginaceae	*Euploca pachyphylla*		+											+							
Boraginaceae	*Euploca skeleton*																				
Boraginaceae	*Euploca tanythrix*													+							
Boraginaceae	*Euploca tenuifolia*		+		+																
Boraginaceae	*Heliotropium crispatum*	+	+		+					+		+		+							+
Boraginaceae	*Heliotropium ? murinum* **(P3)**																				
Boraginaceae	*Heliotropium murinum* **(P3)**		+																		
Boraginaceae	*Heliotropium* sp. 1																				
Boraginaceae	*Heliotropium* sp. 2																				
Boraginaceae	*Trichodesma zeylanicum*	+	+	+			+	+	+			+		+	+						
Boraginaceae	*Trichodesma zeylanicum* var. *zeylanicum*													+							
Brassicaceae	*Lepidium pedicellosum*		+																		
Byblidaceae	*Byblis pilbarana*																				
Campanulaceae	*Wahlenbergia tumidifructa*				+																
Capparaceae	*Capparis spinosa* subsp. *nummularia*				+																
Caryophyllaceae	*Polycarpaea corymbosa* var. *corymbosa*		+					+						+	+						
Caryophyllaceae	*Polycarpaea holtzei*						+		+	+					+	+					+
Caryophyllaceae	*Polycarpaea longiflora*			+	+				+			+		+	+		+				+
Celastraceae	*Stackhousia ? intermedia*								+												
Celastraceae	*Stackhousia intermedia*		+																		
Celastraceae	*Stackhousia muricata*		+																		
Chenopodiaceae	*Dysphania kalpari*						+							+							+
Chenopodiaceae	*Dysphania plantaginella*				+																
Chenopodiaceae	*Dysphania rhadinostachya*											+									
Chenopodiaceae	*Dysphania rhadinostachya* subsp. *inflata*																				

Family	*Taxa*	ChTe	ChTl	CspTb	EcMa	EcTl	ElAtTe	ElCpTb	ElGwTw	ElTlTb	EvAtEb	EvCi	#EvMa	EvMlTe	GwCpTe	GwTw	TcAtTe	TcSpTl	Ts	Tw1	Tw2
Chenopodiaceae	*Dysphania rhadinostachya* subsp. *rhadinostachya*			+																	
Chenopodiaceae	?*Dysphania* sp.														+						
Chenopodiaceae	*Dysphania* sp.				+																
Chenopodiaceae	*Dysphania sphaerosperma*		+		+																
Chenopodiaceae	*Sclerolaena costata*																				
Chenopodiaceae	*Sclerolaena densiflora*																				
Chenopodiaceae	*Sclerolaena hostilis*		+																		
Cleomaceae	*Arivela viscosa*	+	+		+	+	+		+		+	+	+	+	+		+			+	+
Combretaceae	*Terminalia circumalata*				+			+						+			+	+			
Combretaceae	*Terminalia* sp.													+							
Combretaceae	?*Terminalia* sp. 1																	+			
Combretaceae	?*Terminalia* sp. 2							+													
Combretaceae	?*Terminalia* sp. 3																+				
Combretaceae	?*Terminalia* sp. 4																+				
Commelinaceae	*Commelina ensifolia*					+															
Convolvulaceae	*Bonamia* ?*alatisemina*																				
Convolvulaceae	*Bonamia alatisemina*																				
Convolvulaceae	*Bonamia erecta*								+	+				+							
Convolvulaceae	*Bonamia linearis*													+							
Convolvulaceae	*Bonamia* ?*media*			+																	
Convolvulaceae	*Bonamia media*		+	+	+	+								+						+	
Convolvulaceae	*Bonamia pannosa*		+		+																
Convolvulaceae	*Bonamia* ?*pilbarensis*																				
Convolvulaceae	*Bonamia pilbarensis*	+	+		+	+	+		+					+	+						+
Convolvulaceae	*Bonamia* sp. 1		+																		
Convolvulaceae	*Bonamia* sp. 2																				
Convolvulaceae	*Evolvulus alsinoides*																				
Convolvulaceae	*Evolvulus alsinoides* var. *villosicalyx*	+			+	+					+			+	+						
Convolvulaceae	*Ipomoea coptica*				+									+							
Convolvulaceae	*Ipomoea lonchophylla*				+																
Convolvulaceae	*Ipomoea muelleri*		+		+	+							+	+							+
Convolvulaceae	*Ipomoea polymorpha*					+															

Family	*Taxa*	ChTe	ChTl	CspTb	EcMa	EcTl	ElAtTe	ElCpTb	ElGwTw	ElTlTb	EvAtEb	EvCi	#EvMa	EvMlTe	GwCpTe	GwTw	TcAtTe	TcSpTl	Ts	Tw1	Tw2
Convolvulaceae	*Operculina aequisepala*				+									+							+
Convolvulaceae	*Polymeria ambigua*		+		+		+							+							
Convolvulaceae	*Polymeria calycina*													+							
Convolvulaceae	*Polymeria lanata*													+							
Convolvulaceae	*Polymeria ? mollis*													+							
Convolvulaceae	*Polymeria mollis*		+			+								+			+				
Cucurbitaceae	*Austrobryonia pilbarensis*																				
Cucurbitaceae	**Citrullus colocynthis*				+	+															
Cucurbitaceae	*Cucumis melo*																				
Cucurbitaceae	**Cucumis myriocarpus* subsp. *myriocarpus*				+																
Cucurbitaceae	*Cucumis* sp. Chichester Range (A.A. Mitchell et al. AAM 10691)													+							
Cucurbitaceae	*Cucumis variabilis*	+	+	+	+	+						+		+	+		+			+	+
Cucurbitaceae	*Trichosanthes cucumerina* var. *cucumerina*																				
Cyperaceae	*Bulbostylis barbata*		+		+	+	+		+	+		+		+	+						
Cyperaceae	*Bulbostylis burbidgeae* **(P4)**														+			+			
Cyperaceae	*Bulbostylis turbinata*				+		+														
Cyperaceae	*Cyperus bifax*	+			+	+	+	+				+			+						
Cyperaceae	*Cyperus bulbosus*																				
Cyperaceae	*Cyperus cunninghamii* subsp. *cunninghamii*				+	+									+						
Cyperaceae	*Cyperus dactylotes*				+	+															
Cyperaceae	*Cyperus difformis*																				+
Cyperaceae	*Cyperus hesperius*	+															+				
Cyperaceae	*Cyperus ixiocarpus*				+	+						+									
Cyperaceae	*Cyperus microcephalus* subsp. *microcephalus*																+				
Cyperaceae	*Cyperus* sp. 1		+		+	+								+							
Cyperaceae	*Cyperus* sp. 2																				
Cyperaceae	*Cyperus squarrosus*				+																
Cyperaceae	*Cyperus vaginatus*				+	+							+	+							+
Cyperaceae	*Fimbristylis dichotoma*		+	+			+			+							+				
Cyperaceae	*Fimbristylis elegans*				+																+
Cyperaceae	*Fimbristylis simulans*		+				+			+											
Cyperaceae	*Fimbristylis* sp.																				

Family	*Taxa*	ChTe	ChTl	CspTb	EcMa	EcTl	ElAtTe	ElCpTb	ElGwTw	ElTlTb	EvAtEb	EvCi	#EvMa	EvMlTe	GwCpTe	GwTw	TcAtTe	TcSpTl	Ts	Tw1	Tw2
Cyperaceae	*Fuirena ciliaris*																				
Elatinaceae	*Bergia pedicellaris*																				
Euphorbiaceae	*Adriana tomentosa*																				
Euphorbiaceae	*Adriana tomentosa* ?var. *tomentosa*	+	+		+									+							
Euphorbiaceae	*Adriana tomentosa* var. *tomentosa*											+									
Euphorbiaceae	*Euphorbia* ? *australis*		+																		
Euphorbiaceae	*Euphorbia australis* var. *subtomentosa*		+	+	+	+					+		+	+	+		+				
Euphorbiaceae	*Euphorbia biconvexa*				+									+							
Euphorbiaceae	*Euphorbia boophthona*	+																			
Euphorbiaceae	*Euphorbia careyi*			+	+	+		+	+					+							+
Euphorbiaceae	*Euphorbia coghlanii*		+		+	+					+	+	+	+							
Euphorbiaceae	*Euphorbia inappendiculata* var. *inappendiculata* **(P3)**			+																+	
Euphorbiaceae	*Euphorbia* sp. 1							+													
Euphorbiaceae	*Euphorbia* sp. 2																				
Euphorbiaceae	*Euphorbia* ? *tannensis* subsp. *eremophila*													+							+
Euphorbiaceae	*Euphorbia tannensis* subsp. *eremophila*			+	+				+			+		+							
Euphorbiaceae	*Euphorbia trigonosperma*													+			+				
Euphorbiaceae	*Mallotus nesophilus*	+																+			
Fabaceae	*Acacia acradenia*	+	+		+		+	+	+					+			+				
Fabaceae	*Acacia adoxa* var. *adoxa*						+		+												
Fabaceae	*Acacia adsurgens*																				
Fabaceae	*Acacia ampliceps*				+	+							+	+							
Fabaceae	*Acacia ampliceps x sclerosperma* subsp. *sclerosperma*																		+		
Fabaceae	*Acacia ancistrocarpa*		+						+					+							
Fabaceae	*Acacia aptaneura*																				
Fabaceae	*Acacia arida*								+												
Fabaceae	*Acacia* ? *bivenosa*																				
Fabaceae	*Acacia bivenosa*		+				+		+	+	+			+		+	+				+
Fabaceae	*Acacia colei*					+								+							
Fabaceae	*Acacia colei* ?var. *colei*		+				+							+							
Fabaceae	*Acacia colei* var. *colei*				+									+							

Family	*Taxa*	ChTe	ChTl	CspTb	EcMa	EcTl	ElAtTe	ElCpTb	ElGwTw	ElTlTb	EvAtEb	EvCi	#EvMa	EvMlTe	GwCpTe	GwTw	TcAtTe	TcSpTl	Ts	Tw1	Tw2
Fabaceae	*Acacia coriacea* subsp. *pendens*		+		+	+								+			+				
Fabaceae	*Acacia elachantha*								+												
Fabaceae	*Acacia eriopoda*				+		+							+	+						
Fabaceae	*Acacia eriopoda x trachycarpa*													+							
Fabaceae	*Acacia hilliana*																	+			
Fabaceae	*Acacia holosericea*																				
Fabaceae	*Acacia inaequilatera*		+	+	+	+	+		+	+				+					+	+	
Fabaceae	*Acacia levata* **(P3)**																				
Fabaceae	*Acacia maitlandii*									+											
Fabaceae	*Acacia monticola*										+										
Fabaceae	*Acacia orthocarpa*		+	+	+		+		+	+				+						+	
Fabaceae	*Acacia pruinocarpa*						+														
Fabaceae	*Acacia ptychophylla*		+				+		+	+				+							
Fabaceae	*Acacia pyrifolia*		+	+	+	+					+	+	+	+							
Fabaceae	*Acacia pyrifolia* var. *morrisonii*																				
Fabaceae	*Acacia pyrifolia* var. *pyrifolia*		+		+	+			+					+			+				
Fabaceae	*Acacia retivenea* subsp. *clandestina*						+										+				
Fabaceae	*Acacia sericophylla*	+			+	+							+	+							
Fabaceae	*Acacia sibirica*						+														
Fabaceae	*Acacia* sp. 1																				
Fabaceae	*Acacia* sp. 2						+														
Fabaceae	*Acacia* sp. 3					+															
Fabaceae	*Acacia* sp. 4						+														
Fabaceae	*Acacia* sp. 5																				
Fabaceae	*Acacia* sp. 6																				
Fabaceae	*Acacia* sp. 7																				
Fabaceae	*Acacia* sp. 8													+							
Fabaceae	*Acacia* sp. 9																				
Fabaceae	*Acacia sphaerostachya*																+				
Fabaceae	*Acacia spondylophylla*			+			+		+					+							
Fabaceae	*Acacia stellaticeps*		+											+							
Fabaceae	*Acacia synchronicia*		+																		
Fabaceae	*Acacia trachycarpa*		+		+	+							+	+							

Family	*Taxa*	ChTe	ChTl	CspTb	EcMa	EcTl	ElAtTe	ElCpTb	ElGwTw	ElTlTb	EvAtEb	EvCi	#EvMa	EvMlTe	GwCpTe	GwTw	TcAtTe	TcSpTl	Ts	Tw1	Tw2
Fabaceae	*Acacia trachycarpa x tumida* var. *pilbarensis*													+							
Fabaceae	*Acacia tumida* var. *pilbarensis*				+		+		+		+			+			+				
Fabaceae	*Acacia victoriae* subsp. *victoriae*		+																		
Fabaceae	*Alysicarpus muelleri*		+	+	+	+															
Fabaceae	*Cajanus* ? *cinereus*	+																			
Fabaceae	*Cajanus cinereus*	+			+	+								+	+						
Fabaceae	*Cajanus pubescens*	+								+				+						+	
Fabaceae	*Cajanus* sp. 1											+									
Fabaceae	*Cajanus* sp. 2																				
Fabaceae	*Cajanus* sp. 3								+												
Fabaceae	*Crotalaria* ? *cunninghamii* subsp. *sturtii*																				
Fabaceae	*Crotalaria cunninghamii* subsp. *sturtii*				+	+															
Fabaceae	*Crotalaria medicaginea* var. *neglecta*		+	+	+	+								+							+
Fabaceae	*Crotalaria novae-hollandiae* subsp. *novae-hollandiae*																				
Fabaceae	*Cullen lachnostachys*				+									+							
Fabaceae	*Cullen leucanthum*					+							+								
Fabaceae	*Cullen leucochaites*			+																	
Fabaceae	*Cullen martinii*																				
Fabaceae	*Cullen pallidum*																				
Fabaceae	*Cullen pogonocarpum*		+																		
Fabaceae	*Cullen* ? *pustulatum*																				
Fabaceae	*Cullen pustulatum*				+	+								+							
Fabaceae	*Cullen* sp. 1																				
Fabaceae	*Cullen* sp. 2																				
Fabaceae	*Cullen stipulaceum*		+											+							
Fabaceae	*Dichrostachys spicata*		+		+	+															
Fabaceae	*Erythrina vespertilio*				+																
Fabaceae	*Glycine canescens*		+											+							
Fabaceae	*Grona filiformis*																				
Fabaceae	*Indigastrum parviflorum*																				
Fabaceae	*Indigofera colutea*		+		+	+									+						+
Fabaceae	*Indigofera deserticola*		+				+														+

Family	*Taxa*	ChTe	ChTl	CspTb	EcMa	EcTl	ElAtTe	ElCpTb	ElGwTw	ElTlTb	EvAtEb	EvCi	#EvMa	EvMlTe	GwCpTe	GwTw	TcAtTe	TcSpTl	Ts	Tw1	Tw2
Fabaceae	*Indigofera hirsuta*																				
Fabaceae	*Indigofera linifolia*		+		+									+							+
Fabaceae	*Indigofera linnaei*																				
Fabaceae	*Indigofera monophylla*		+	+					+	+	+			+	+	+				+	+
Fabaceae	*Indigofera rugosa*													+							
Fabaceae	**Indigofera sessiliflora*																				
Fabaceae	*Indigofera* sp. 1									+											
Fabaceae	*Indigofera* sp. 2				+																
Fabaceae	*Indigofera* sp. 3																				
Fabaceae	*Indigofera trita*	+	+								+										
Fabaceae	*Indigofera trita* ?subsp. *trita*					+															
Fabaceae	*Indigofera trita* subsp. *trita*													+							
Fabaceae	*Isotropis atropurpurea*													+							
Fabaceae	*Neptunia* sp.																				
Fabaceae	*Petalostylis labicheoides*		+		+	+			+				+	+							
Fabaceae	*Rhynchosia australis*		+																		
Fabaceae	*Rhynchosia minima*	+	+	+	+	+			+		+	+		+	+						+
Fabaceae	*Rhynchosia* sp. 1													+							
Fabaceae	*Rhynchosia* sp. 2													+			+				
Fabaceae	*Rhynchosia* sp. 3																				
Fabaceae	*Rhynchosia* sp. 4		+			+								+							
Fabaceae	*Rhynchosia* sp. 5	+		+																	
Fabaceae	*Rhynchosia* sp. 6													+							+
Fabaceae	*Senna artemisioides* subsp. *helmsii*	+	+			+															
Fabaceae	*Senna artemisioides* subsp. *helmsii x oligophylla*													+							
Fabaceae	*Senna artemisioides* subsp. *oligophylla*		+	+					+	+				+	+						+
Fabaceae	*Senna ferraria*								+												
Fabaceae	*Senna glaucifolia*		+																		
Fabaceae	*Senna ?glutinosa*																				
Fabaceae	*Senna glutinosa*	+					+		+						+	+					
Fabaceae	*Senna glutinosa* subsp. *glutinosa*	+	+	+	+		+	+	+	+	+	+		+			+	+			+
Fabaceae	*Senna glutinosa* subsp. *pruinosa*		+							+												+

Family	*Taxa*	ChTe	ChTl	CspTb	EcMa	EcTl	ElAtTe	ElCpTb	ElGwTw	ElTlTb	EvAtEb	EvCi	#EvMa	EvMlTe	GwCpTe	GwTw	TcAtTe	TcSpTl	Ts	Tw1	Tw2
Fabaceae	*Senna glutinosa* subsp. *x luerssenii*		+																		
Fabaceae	*Senna notabilis*		+	+	+	+			+			+	+	+							
Fabaceae	*Senna symonii*		+		+		+		+	+				+						+	+
Fabaceae	*Senna venusta*											+		+	+		+				
Fabaceae	*Sesbania cannabina*				+	+								+							+
Fabaceae	*Sesbania formosa*				+																
Fabaceae	*Swainsona decurrens*			+																	+
Fabaceae	*Swainsona ?formosa*																				
Fabaceae	*Swainsona formosa*		+		+																
Fabaceae	*Swainsona* sp. 1				+																
Fabaceae	*Swainsona* sp. 2		+																		
Fabaceae	*Swainsona stenodonta*		+		+				+												
Fabaceae	*Templetonia hookeri*																				
Fabaceae	*Tephrosia clementii*		+																		
Fabaceae	*Tephrosia densa*														+						
Fabaceae	*Tephrosia leptoclada*																				
Fabaceae	*Tephrosia rosea*																+				
Fabaceae	*Tephrosia rosea* ?var. *clementii*													+							
Fabaceae	*Tephrosia rosea* var. *clementii*				+						+			+							
Fabaceae	?*Tephrosia* sp.		+																		
Fabaceae	*Tephrosia* sp. 1																				
Fabaceae	*Tephrosia* sp. 2																				
Fabaceae	*Tephrosia* sp. B Kimberley Flora (C.A. Gardner 7300)		+		+							+		+							
Fabaceae	*Tephrosia* sp. Bungaroo Creek (M.E. Trudgen 11601)				+									+							
Fabaceae	*Tephrosia* sp. clay soils (S. van Leeuwen et al. PBS 0273)																				
Fabaceae	*Tephrosia* sp. D Kimberley Flora (R.D. Royce 1848)																				
Fabaceae	*Tephrosia* sp. Newman (A.A. Mitchell PRP 29)																				
Fabaceae	*Tephrosia* sp. NW Eremaean (S. van Leeuwen et al. PBS 0356)		+		+																

Family	*Taxa*	ChTe	ChTl	CspTb	EcMa	EcTl	ElAtTe	ElCpTb	ElGwTw	ElTlTb	EvAtEb	EvCi	#EvMa	EvMlTe	GwCpTe	GwTw	TcAtTe	TcSpTl	Ts	Tw1	Tw2
Fabaceae	*Tephrosia* ?*supina*													+							
Fabaceae	*Tephrosia supina*				+																+
Fabaceae	*Tephrosia* ?*virens*																				
Fabaceae	*Tephrosia virens*		+				+														
Fabaceae	**Vachellia farnesiana* var. *farnesiana*		+		+	+								+				+			
Fabaceae	*Vigna lanceolata* var. *lanceolata*		+		+	+							+	+							
Fabaceae	*Vigna* sp. Hamersley Clay (A.A. Mitchell PRP 113)					+								+							
Fabaceae	*Zornia albiflora*																				
Goodeniaceae	*Dampiera candicans*						+	+	+	+				+		+	+				
Goodeniaceae	*Dampiera* sp.																+				
Goodeniaceae	*Goodenia armitiana*						+														
Goodeniaceae	*Goodenia* ?*cusackiana*																				
Goodeniaceae	*Goodenia cusackiana*			+	+	+		+							+						
Goodeniaceae	*Goodenia lamprosperma*				+																
Goodeniaceae	*Goodenia microptera*		+			+								+			+				
Goodeniaceae	*Goodenia* ?*muelleriana*		+																		
Goodeniaceae	*Goodenia muelleriana*		+						+	+				+							
Goodeniaceae	*Goodenia nuda*			+																	
Goodeniaceae	*Goodenia scaevolina*						+		+												
Goodeniaceae	*Goodenia* sp. 1		+																		
Goodeniaceae	*Goodenia* sp. 2																				
Goodeniaceae	*Goodenia stobbsiana*		+	+			+		+	+				+							
Goodeniaceae	*Goodeniaceae* sp.																				
Goodeniaceae	*Scaevola* ?*amblyanthera* var. *centralis*		+																		
Goodeniaceae	*Scaevola amblyanthera* var. *centralis*		+	+										+							
Goodeniaceae	*Scaevola browniana* subsp. *browniana*																				
Goodeniaceae	*Scaevola parvifolia*																				
Goodeniaceae	*Scaevola* sp.						+														
Gyrostemonaceae	*Codonocarpus cotinifolius*																				
Haloragaceae	*Gonocarpus ephemerus*																				
Haloragaceae	*Haloragis* ?*gossei*	+																			
Haloragaceae	*Haloragis gossei* ?var. *gossei*																				

Family	*Taxa*	ChTe	ChTl	CspTb	EcMa	EcTl	ElAtTe	ElCpTb	ElGwTw	ElTlTb	EvAtEb	EvCi	#EvMa	EvMlTe	GwCpTe	GwTw	TcAtTe	TcSpTl	Ts	Tw1	Tw2
Haloragaceae	*Haloragis gossei* var. *gossei*				+																
Haloragaceae	*Haloragis* sp. 1																				
Haloragaceae	*Haloragis* sp. 2				+																
Lamiaceae	*Basilicum polystachyon*				+																
Lamiaceae	*Clerodendrum floribundum* var. ?*angustifolium*	+																			
Lamiaceae	*Clerodendrum floribundum* var. *angustifolium*	+																			
Lamiaceae	*Clerodendrum tomentosum* var. *lanceolatum*														+			+			
Lamiaceae	*Clerodendrum tomentosum* var. *tomentosum*											+			+						
Lamiaceae	*Quoya zonalis* **(T)**							+	+									+			
Lauraceae	*Cassytha capillaris*		+			+	+							+			+				
Lauraceae	*Cassytha filiformis*		+		+	+															
Lauraceae	*Cassytha* sp. 1													+							
Lauraceae	*Cassytha* sp. 2		+																		
Lauraceae	*Cassytha* sp. 3		+		+									+							
Loganiaceae	*Mitrasacme connata*																				
Loranthaceae	*Lysiana casuarinae*																				
Lythraceae	*Ammannia baccifera*				+									+							
Lythraceae	*Ammannia multiflora*				+																+
Lythraceae	*Ammannia* sp. 1				+																
Lythraceae	*Ammannia* sp. 2					+															
Lythraceae	*Ammannia* sp. 3				+																
Lythraceae	*Ammannia* sp. 4													+							
Malvaceae	*Abutilon fraseri* subsp. *fraseri*													+							
Malvaceae	*Abutilon lepidum*		+		+										+						
Malvaceae	*Abutilon* ?*leucopetalum*																	+			
Malvaceae	*Abutilon macrum*				+	+															
Malvaceae	*Abutilon* sp. 1	+																			
Malvaceae	*Abutilon* sp. 2											+			+						
Malvaceae	*Abutilon* sp. 3													+							
Malvaceae	*Abutilon* sp. Dioicum (A.A. Mitchell PRP 1618)		+	+		+								+				+			

Family	*Taxa*	ChTe	ChTl	CspTb	EcMa	EcTl	ElAtTe	ElCpTb	ElGwTw	ElTlTb	EvAtEb	EvCi	#EvMa	EvMlTe	GwCpTe	GwTw	TcAtTe	TcSpTl	Ts	Tw1	Tw2
Malvaceae	*Abutilon* sp. Pilbara (W.R. Barker 2025)																				
Malvaceae	*Brachychiton acuminatus*	+			+																
Malvaceae	*Corchorus* ? *incanus*																				
Malvaceae	*Corchorus incanus*																				
Malvaceae	*Corchorus* ? *incanus* subsp. *incanus*		+																		
Malvaceae	*Corchorus incanus* subsp. *incanus*	+	+	+	+		+			+				+						+	+
Malvaceae	*Corchorus laniflorus*								+					+							
Malvaceae	*Corchorus lasiocarpus* subsp. *lasiocarpus*																				
Malvaceae	*Corchorus* ? *parviflorus*	+			+																
Malvaceae	*Corchorus parviflorus*	+	+	+	+	+	+	+	+					+	+		+		+		+
Malvaceae	*Corchorus* sp. 1														+						
Malvaceae	*Corchorus* sp. 2																				
Malvaceae	*Corchorus tridens*				+	+								+							
Malvaceae	*Corchorus trilocularis*																				
Malvaceae	*Corchorus walcottii*													+					+		
Malvaceae	*Gossypium australe*	+	+	+	+				+			+		+	+		+				
Malvaceae	*Gossypium robinsonii*					+					+			+							
Malvaceae	*Hibiscus austrinus* var. *austrinus*				+	+								+							
Malvaceae	*Hibiscus brachychlaenus*													+							
Malvaceae	*Hibiscus burtonii*																				
Malvaceae	*Hibiscus coatesii*	+		+				+													
Malvaceae	*Hibiscus goldsworthii*	+						+									+	+			
Malvaceae	*Hibiscus leptocladus*																				
Malvaceae	? *Hibiscus sturtii*													+							
Malvaceae	*Hibiscus* ? *sturtii*																				
Malvaceae	*Hibiscus sturtii*														+						
Malvaceae	*Hibiscus sturtii* var. *campylochlamys*																				
Malvaceae	*Hibiscus sturtii* var. *platychlamys*																				
Malvaceae	MALVACEAE sp. 1				+																
Malvaceae	MALVACEAE sp. 2	+																			
Malvaceae	MALVACEAE sp. 3																				
Malvaceae	* *Malvastrum americanum*													+							
Malvaceae	*Melhania oblongifolia*											+		+	+						

Family	*Taxa*	ChTe	ChTl	CspTb	EcMa	EcTl	ElAtTe	ElCpTb	ElGwTw	ElTlTb	EvAtEb	EvCi	#EvMa	EvMlTe	GwCpTe	GwTw	TcAtTe	TcSpTl	Ts	Tw1	Tw2
Malvaceae	*Seringia nephrosperma*																				
Malvaceae	*Sida arenicola*							+													
Malvaceae	*Sida arsiniata*		+																		
Malvaceae	*Sida cardiophylla*								+						+						
Malvaceae	*Sida clementii*																				
Malvaceae	*Sida ? echinocarpa*		+																		
Malvaceae	*Sida echinocarpa*		+											+							
Malvaceae	*Sida ? fibulifera*				+	+															
Malvaceae	*Sida fibulifera*		+								+								+		
Malvaceae	*Sida ? macropoda*								+												
Malvaceae	*Sida macropoda*																+				
Malvaceae	*Sida platycalyx*																	+			
Malvaceae	*Sida rohlenae* subsp. *rohlenae*	+	+		+	+					+			+	+						
Malvaceae	*Sida* sp. 1																				
Malvaceae	*Sida* sp. 2						+														
Malvaceae	*Sida* sp. 3																				
Malvaceae	*Sida* sp. articulation below (A.A. Mitchell PRP 1605)						+		+								+				
Malvaceae	*Sida* sp. Excedentifolia (J.L. Egan 1925)									+											
Malvaceae	*Sida* sp. Pilbara (A.A. Mitchell PRP 1543)		+																		
Malvaceae	*Sida* sp. spiciform panicles (E. Leyland s.n. 14/8/90)													+							
Malvaceae	*Sida spinosa*																				
Malvaceae	*Triumfetta ? appendiculata*													+							
Malvaceae	*Triumfetta appendiculata*	+												+							+
Malvaceae	*Triumfetta chaetocarpa*		+	+	+				+	+				+	+						
Malvaceae	*Triumfetta clementii*		+			+								+							
Malvaceae	*Triumfetta johnstonii*																				
Malvaceae	*Triumfetta leptacantha*																				
Malvaceae	*Triumfetta maconochieana*	+		+			+	+	+					+	+		+				+
Malvaceae	*Triumfetta propinqua*								+												
Malvaceae	*Triumfetta ramosa*						+														
Malvaceae	*Triumfetta* sp. 1																				

Family	*Taxa*	ChTe	ChTl	CspTb	EcMa	EcTl	ElAtTe	ElCpTb	ElGwTw	ElTlTb	EvAtEb	EvCi	#EvMa	EvMlTe	GwCpTe	GwTw	TcAtTe	TcSpTl	Ts	Tw1	Tw2
Malvaceae	*Triumfetta* sp. 2											+									
Malvaceae	*Waltheria indica*				+						+										
Malvaceae	*Waltheria virgata*			+																	
Marsileaceae	*Marsilea exarata*																				
Marsileaceae	*Marsilea hirsuta*				+									+							
Marsileaceae	*Marsilea* sp. 1													+							
Marsileaceae	*Marsilea* sp. 2				+																
Menispermaceae	*Tinospora smilacina*	+	+		+							+		+	+		+	+			
Molluginaceae	*Hypertelis cerviana*																				
Molluginaceae	*Trigastrotheca molluginea*		+	+	+		+				+			+	+					+	+
Montiaceae	*Calandrinia ptychosperma*																				
Montiaceae	*Calandrinia ?pumila*																				
Montiaceae	*Calandrinia ?stagnensis*																				
Montiaceae	*Calandrinia tepperiana*				+	+							+	+							+
Moraceae	*Ficus aculeata* var. *indecora*	+				+						+			+			+			
Moraceae	*Ficus brachypoda*	+		+											+		+				
Myrtaceae	*Corymbia ?candida* subsp. *candida*						+														
Myrtaceae	*Corymbia candida* subsp. *candida*						+														
Myrtaceae	*Corymbia flavescens*													+							
Myrtaceae	?*Corymbia hamersleyana*	+	+											+							
Myrtaceae	*Corymbia ?hamersleyana*								+						+						
Myrtaceae	*Corymbia hamersleyana*		+	+			+		+	+				+							
Myrtaceae	?*Corymbia* sp.																				
Myrtaceae	*Corymbia* sp. 1			+																	
Myrtaceae	*Corymbia* sp. 2						+														
Myrtaceae	*Corymbia* sp. 3																				
Myrtaceae	*Eucalyptus ?camaldulensis*																				
Myrtaceae	*Eucalyptus camaldulensis*				+																
Myrtaceae	*Eucalyptus camaldulensis* ?subsp. *refulgens*													+							
Myrtaceae	*Eucalyptus camaldulensis* subsp. *refulgens*				+	+															
Myrtaceae	*Eucalyptus leucophloia*						+														
Myrtaceae	*Eucalyptus ?leucophloia* subsp. *Leucophloia*						+	+	+												
Myrtaceae	*Eucalyptus leucophloia* subsp. *leucophloia*						+		+	+							+				

Family	*Taxa*	ChTe	ChTl	CspTb	EcMa	EcTl	ElAtTe	ElCpTb	ElGwTw	ElTlTb	EvAtEb	EvCi	#EvMa	EvMlTe	GwCpTe	GwTw	TcAtTe	TcSpTl	Ts	Tw1	Tw2
Myrtaceae	*Eucalyptus* sp. 1						+														
Myrtaceae	*Eucalyptus* sp. 2	+																			
Myrtaceae	*Eucalyptus victrix*				+	+					+	+	+	+			+				
Myrtaceae	*Melaleuca argentea*				+								+								
Myrtaceae	*Melaleuca bracteata*					+								+							
Myrtaceae	*Melaleuca ?glomerata*													+							
Myrtaceae	*Melaleuca glomerata*				+	+							+	+			+				
Myrtaceae	*Melaleuca ?linophylla*																				
Myrtaceae	*Melaleuca linophylla*				+	+							+	+							
Nyctaginaceae	*Boerhavia burbidgeana*													+							
Nyctaginaceae	*Boerhavia ?coccinea*																				
Nyctaginaceae	*Boerhavia coccinea*		+		+	+			+					+			+				+
Nyctaginaceae	*Boerhavia gardneri*	+	+		+	+								+						+	+
Nyctaginaceae	*Boerhavia* sp.																				
Oleaceae	*Jasminum didymum* subsp. *lineare*													+							
Onagraceae	*Ludwigia perennis*				+																+
Papaveraceae	**Argemone ochroleuca* subsp. *ochroleuca*				+									+							
Pedaliaceae	*Josephinia eugeniae*														+						
Pedaliaceae	*Josephinia* sp. Mt Edgar Station (N.T. Burbidge 1194)				+																
Phyllanthaceae	*Cathetus* sp.						+														
Phyllanthaceae	*Cathetus virgatus*													+							
Phyllanthaceae	*Flueggea virosa* subsp. *melanthesoides*	+			+	+							+	+	+		+				
Phyllanthaceae	*Kirganelia baccata*				+	+								+							
Phyllanthaceae	*Nellica maderaspatensis*		+		+	+	+							+							
Phyllanthaceae	*Notoleptopus decaisnei*		+		+	+			+		+	+		+							
Phyllanthaceae	*Phyllanthus hebecarpus* **(P3)**																				
Pittosporaceae	*Pittosporum angustifolium*																				
Plantaginaceae	*Stemodia grossa*		+	+	+	+						+		+			+				+
Plantaginaceae	*Stemodia kingii*				+																
Plantaginaceae	*Stemodia viscosa*				+	+															
Poaceae	*Aristida burbidgeae*	+																+			
Poaceae	?*Aristida contorta*																				

Family	*Taxa*	ChTe	ChTl	CspTb	EcMa	EcTl	ElAtTe	ElCpTb	ElGwTw	ElTlTb	EvAtEb	EvCi	#EvMa	EvMlTe	GwCpTe	GwTw	TcAtTe	TcSpTl	Ts	Tw1	Tw2
Poaceae	*Aristida contorta*	+	+				+								+						
Poaceae	*Aristida holathera* var. *holathera*		+																		
Poaceae	*Aristida inaequiglumis*																				
Poaceae	**Cenchrus ciliaris*	+	+		+	+							+	+	+			+		+	
Poaceae	**Cenchrus setiger*		+		+	+					+			+					+		
Poaceae	*Cenchrus* sp.																				
Poaceae	**Chloris barbata*				+	+															
Poaceae	*Chloris pumilio*																				
Poaceae	**Chloris virgata*																				
Poaceae	*Chrysopogon fallax*		+		+	+					+			+	+						
Poaceae	*Cymbopogon ambiguus*	+		+	+	+	+	+			+	+		+	+		+				+
Poaceae	*Cymbopogon obtectus*													+							
Poaceae	*Cymbopogon procerus*	+													+						+
Poaceae	*Cynodon convergens*																				
Poaceae	**Cynodon dactylon*				+																
Poaceae	*Cynodon prostratus*																				
Poaceae	*Dactyloctenium radulans*		+		+	+					+			+							
Poaceae	*Dichanthium fecundum*				+																
Poaceae	*Dichanthium sericeum* subsp. *humilius*																				
Poaceae	*Digitaria brownii*														+			+			
Poaceae	*Digitaria ctenantha*																				
Poaceae	*Diplachne fusca* subsp. *fusca*				+									+							+
Poaceae	**Echinochloa colona*				+																
Poaceae	*Enneapogon ?caerulescens*	+																			
Poaceae	*Enneapogon caerulescens*		+		+	+					+				+						
Poaceae	*Enneapogon lindleyanus*	+		+	+							+		+	+						
Poaceae	*Enneapogon polyphyllus*		+																		
Poaceae	*Enneapogon* sp.																				
Poaceae	*Eragrostis crateriformis* **(P3)**																				
Poaceae	*Eragrostis cumingii*				+									+			+		+		
Poaceae	*Eragrostis desertorum*				+																
Poaceae	*Eragrostis dielsii*																				
Poaceae	*Eragrostis eriopoda*		+			+															

Family	*Taxa*	ChTe	ChTl	CspTb	EcMa	EcTl	ElAtTe	ElCpTb	ElGwTw	ElTlTb	EvAtEb	EvCi	#EvMa	EvMlTe	GwCpTe	GwTw	TcAtTe	TcSpTl	Ts	Tw1	Tw2
Poaceae	*Eragrostis exigua*				+	+															
Poaceae	**Eragrostis minor*				+																
Poaceae	*Eragrostis olida*														+						
Poaceae	*Eragrostis* sp. 1																				
Poaceae	*Eragrostis* sp. 2																				
Poaceae	*Eragrostis ? tenellula*				+																
Poaceae	*Eragrostis tenellula*				+	+								+			+				+
Poaceae	*Eriachne aristidea*																				
Poaceae	*Eriachne benthamii*						+				+	+		+							
Poaceae	*Eriachne ciliata*		+				+		+						+						
Poaceae	*Eriachne flaccida*				+																
Poaceae	*Eriachne helmsii*	+												+							
Poaceae	*Eriachne melicacea*										+										
Poaceae	*Eriachne mucronata*	+	+				+		+					+	+		+				
Poaceae	*Eriachne obtusa*	+		+																+	
Poaceae	*Eriachne pulchella*													+			+				
Poaceae	*Eriachne pulchella* subsp. *dominii*						+		+												
Poaceae	*Eriachne pulchella* subsp. *Pulchella*		+				+		+					+						+	+
Poaceae	*Eriachne* sp. 1																				
Poaceae	*Eriachne* sp. 2				+									+							
Poaceae	*Eriachne* sp. 3								+												
Poaceae	*Eriachne* sp. 4													+							
Poaceae	*Eriachne* sp. Dugald River (B.K. Simon+ 3007)		+							+				+			+				
Poaceae	*Eriachne tenuiculmis*		+	+	+		+						+	+							
Poaceae	*Eulalia aurea*					+															
Poaceae	*Iseilema dolichotrichum*		+				+														
Poaceae	*Iseilema membranaceum*	+												+							
Poaceae	*Panicum australiense*														+						
Poaceae	*Panicum australiense* var. *australiense*																				
Poaceae	*Paraneurachne muelleri*		+											+							
Poaceae	*Paspalidium basicladum*													+							
Poaceae	*Paspalidium clementii*									+											
Poaceae	*Paspalidium jubiflorum*				+																

Family	*Taxa*	ChTe	ChTl	CspTb	EcMa	EcTl	ElAtTe	ElCpTb	ElGwTw	ElTlTb	EvAtEb	EvCi	#EvMa	EvMlTe	GwCpTe	GwTw	TcAtTe	TcSpTl	Ts	Tw1	Tw2
Poaceae	*Paspalidium rarum*																				
Poaceae	*Perotis rara*					+								+							
Poaceae	POACEAE sp. 1																				
Poaceae	POACEAE sp. 2		+																		
Poaceae	POACEAE sp. 3																				
Poaceae	*Schizachyrium fragile*																				
Poaceae	**Setaria verticillata*													+							
Poaceae	*Sporobolus actinocladus*		+			+													+		
Poaceae	*Sporobolus australasicus*		+		+		+				+			+							
Poaceae	*Sporobolus ramigerus*				+	+							+								
Poaceae	*Themeda ? triandra*			+																	
Poaceae	*Themeda triandra*				+						+			+							
Poaceae	*Triodia ? angusta*					+															
Poaceae	*Triodia angusta*		+		+	+													+		
Poaceae	*Triodia ? brizoides*	+		+																	
Poaceae	*Triodia brizoides*	+	+				+	+	+	+				+							
Poaceae	*Triodia ? epactia*	+					+														
Poaceae	*Triodia epactia*	+	+	+		+	+		+	+	+		+	+	+	+	+				+
Poaceae	*Triodia lanigera*																				
Poaceae	*Triodia longiceps*		+		+	+			+	+				+				+			
Poaceae	*Triodia secunda*																		+		
Poaceae	*Triodia ? wiseana*		+																		
Poaceae	*Triodia wiseana*	+	+	+	+	+			+					+		+				+	+
Poaceae	*Tripogonella loliiformis*		+																		
Poaceae	*Whiteochloa cymbiformis*											+									
Polygalaceae	*Polygala glaucifolia*			+						+											
Polygalaceae	*Polygala isingii*		+						+												
Polygalaceae	*Polygala* sp.																				
Portulacaceae	*Portulaca filifolia*													+							
Portulacaceae	*Portulaca oleracea*		+		+	+	+							+							
Potamogetonaceae	*Potamogeton tepperi*													+							
Proteaceae	*Grevillea pyramidalis* subsp. *leucadendron*	+	+	+		+	+			+	+			+	+					+	+
Proteaceae	*Grevillea wickhamii*	+	+	+			+	+	+					+							

Family	*Taxa*	ChTe	ChTl	CspTb	EcMa	EcTl	ElAtTe	ElCpTb	ElGwTw	ElTlTb	EvAtEb	EvCi	#EvMa	EvMlTe	GwCpTe	GwTw	TcAtTe	TcSpTl	Ts	Tw1	Tw2
Proteaceae	*Grevillea wickhamii* subsp. *aprica*				+		+		+		+			+	+	+					
Proteaceae	*Grevillea wickhamii* subsp. *hispidula*		+						+	+				+			+			+	
Proteaceae	*Hakea lorea* subsp. *lorea*		+				+		+	+				+						+	
Pteridaceae	*Cheilanthes sieberi* subsp. *Sieberi*			+																	
Pteridaceae	*Cheilanthes* sp.			+																	
Rubiaceae	*Dolichocarpa crouchiana*		+		+		+		+			+		+	+					+	
Rubiaceae	*Synaptantha tillaeacea* var. *tillaeacea*					+								+	+						
Sapindaceae	*Atalaya hemiglauca*	+	+		+	+						+	+	+	+		+			+	
Sapindaceae	*Dodonaea coriacea*						+		+	+											
Scrophulariaceae	*Eremophila latrobei* ?subsp. *glabra*																				
Scrophulariaceae	*Eremophila latrobei* subsp. *glabra*																				
Scrophulariaceae	*Eremophila latrobei* subsp. *latrobei*				+																
Scrophulariaceae	*Eremophila longifolia*													+							
Solanaceae	*Nicotiana benthamiana*								+						+			+			
Solanaceae	*Nicotiana bilybara*																				+
Solanaceae	*Nicotiana occidentalis*				+																
Solanaceae	**Physalis angulata*				+									+							+
Solanaceae	*Solanum ?centrale*																				
Solanaceae	*Solanum cleistogamum*		+																		
Solanaceae	*Solanum diversiflorum*		+	+	+	+						+		+	+		+				+
Solanaceae	*Solanum gabrielae*	+																			
Solanaceae	*Solanum horridum*	+	+	+	+									+	+		+				
Solanaceae	*Solanum lasiophyllum*								+	+											
Solanaceae	*Solanum lucani*																+				
Solanaceae	**Solanum nigrum*				+																
Solanaceae	*Solanum ?phlomoides*																				
Solanaceae	*Solanum phlomoides*	+	+		+		+		+					+			+				
Solanaceae	*Solanum* sp.																				
Stylidiaceae	*Stylidium desertorum*																				
Typhaceae	*Typha domingensis*													+							
Violaceae	*Afrohybanthus ?aurantiacus*																				
Violaceae	*Afrohybanthus aurantiacus*		+	+	+	+					+		+	+	+						+
Violaceae	*?Afrohybanthus* sp.																			+	

Family	*Taxa*	ChTe	ChTl	CspTb	EcMa	EcTl	ElAtTe	ElCpTb	ElGwTw	ElTlTb	EvAtEb	EvCi	#EvMa	EvMlTe	GwCpTe	GwTw	TcAtTe	TcSpTl	Ts	Tw1	Tw2
Zygophyllaceae	*Tribulus hirsutus*		+											+							
Zygophyllaceae	*Tribulus occidentalis*				+																
Zygophyllaceae	*Tribulus ? platypterus*																				
Zygophyllaceae	*Tribulus platypterus*						+		+	+		+			+	+				+	
Zygophyllaceae	*Tribulus suberosus*	+		+				+		+							+				

APPENDIX I –QUADRAT DATA

Site 001

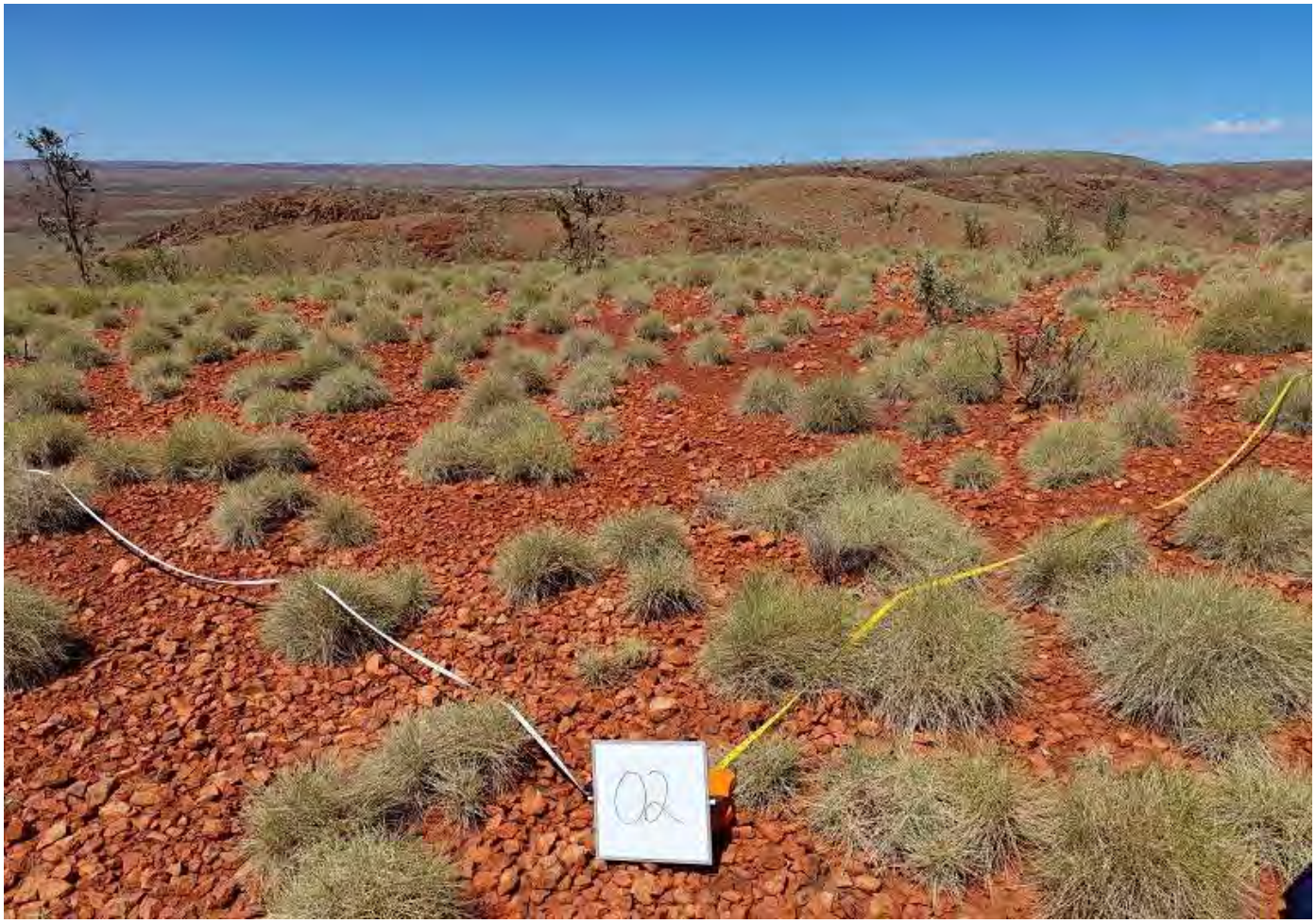
Date	8 April 2022
Botanist	Daniel Roberts and Kelly Hopkinson
Quadrat Size	50 x 50 m
NW Corner Coordinates	714148mE 7648853mN
Vegetation Unit	**ElGwTw** - *Eucalyptus leucophloia* subsp. *leucophloia* and *Corymbia hamersleyana* Low Isolated Trees over *Grevillea wickhamii* and *Acacia inaequilatera* Tall Sparse Shrubland over *Triodia wiseana* Low Open Hummock Grassland.
Slope	Gentle
Landform	Hill top
Soil Colour	Red brown
Soil Type	Sandy loam
Litter	1%
Bare Ground	40%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	NA



Species	Height (m)	% Cover
Eucalyptus leucophloia subsp. *leucophloia*	6	2
Acacia inaequilatera	2.5	2
Triodia wiseana	0.5	40
Triodia longiceps	0.5	10
Acacia ptychophylla	0.5	5
Acacia acradenia		+
Acacia adoxa var. *adoxa*		+
Acacia orthocarpa		+
Bonamia erecta		+
Corymbia hamersleyana		+
Dampiera candicans		+
Dodonaea coriacea		+
Eriachne mucronata		+
Goodenia stobbsiana		+
Grevillea wickhamii subsp. *hispidula*		+
Hakea lorea subsp. *lorea*		+
Ptilotus calostachyus		+
Senna ferraria		+
Senna glutinosa subsp. *glutinosa*		+
Solanum lasiophyllum		+

Site 002

Date	8 April 2022
Botanist	Daniel Roberts and Kelly Hopkinson
Quadrat Size	50 x 50 m
NW Corner Coordinates	716196mE 7650080mN
Vegetation Unit	**ElGwTw** - *Eucalyptus leucophloia* subsp. *leucophloia* and *Corymbia hamersleyana* Low Isolated Trees over *Grevillea wickhamii* and *Acacia inaequilatera* Tall Sparse Shrubland over *Triodia wiseana* Low Open Hummock Grassland.
Slope	Gentle
Landform	Hill top
Soil Colour	Red brown
Soil Type	Sandy loam
Litter	1%
Bare Ground	60%
Fire Age	3-5 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Nil



Species	Height (m)	% Cover
Eucalyptus leucophloia subsp. *leucophloia*	5	2
Corymbia hamersleyana	4	1
Grevillea wickhamii subsp. *hispidula*	2.5	5
Acacia inaequilatera	2	2
Triodia wiseana	0.5	35
Acacia adoxa var. *adoxa*		+
Acacia ptychophylla		+
Bonamia erecta		+
Bonamia pilbarensis		+
Corchorus laniflorus		+
Dampiera candicans		+
Goodenia stobbsiana		+
Senna glutinosa subsp. *glutinosa*		+
Solanum lasiophyllum		+

Site 003

Date	8 April 2022
Botanist	Daniel Roberts and Kelly Hopkinson
Quadrat Size	25 x 100 m
NW Corner Coordinates	718653mE 7650218mN
Vegetation Unit	**EvMlTe** - *Eucalyptus victrix* Mid Woodland over *Melaleuca linophylla, Melaleuca glomerata* and *Acacia* spp. Tall Open Shrubland over *Triodia epactia, Triodia longiceps* and **Cenchrus ciliaris* Open Mid Hummock Grassland.
Slope	Flat
Landform	Medium drainage line
Soil Colour	Light brown
Soil Type	Sand
Litter	8%
Bare Ground	30%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Nil



Species	Height (m)	% Cover
Eucalyptus victrix	10	20
Acacia bivenosa	3.5	40
Acacia ampliceps	3	10
Cyperus vaginatus	1	25
Triodia epactia	0.5	5
Stemodia grossa	0.3	5
Abutilon sp.		+
Acacia acradenia		+
Acacia pyrifolia var. *pyrifolia*		+
Acacia trachycarpa		+
Arivela viscosa		+
**Cenchrus ciliaris*		+
Corchorus parviflorus		+
Corymbia hamersleyana		+
Cullen pustulatum		+
Cymbopogon ambiguus		+
Enneapogon lindleyanus		+
Gossypium australe		+
Indigofera monophylla		+
Indigofera rugosa		+
Isotropis atropurpurea		+
Jasminum didymum subsp. *lineare*		+
Melaleuca linophylla		+
Pluchea tetranthera		+
Rhynchosia sp.		+
Senna notabilis		+
Tephrosia rosea ?var. *clementii*		+
Triodia wiseana		+
Typha domingensis		+
?*Ptilotus* sp.		

Site 004

Date	8 April 2022
Botanist	Daniel Roberts and Kelly Hopkinson
Quadrat Size	25 x 100 m
NW Corner Coordinates	718562mE 7651209mN
Vegetation Unit	**EvMlTe** - *Eucalyptus victrix* Mid Woodland over *Melaleuca linophylla, Melaleuca glomerata* and *Acacia* spp. Tall Open Shrubland over *Triodia epactia, Triodia longiceps* and **Cenchrus ciliaris* Open Mid Hummock Grassland.
Slope	Flat
Landform	Medium Drainage line
Soil Colour	Red Brown
Soil Type	Sand
Litter	10%
Bare Ground	30%
Fire Age	5-10 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Weeds,Livestock



Species	Height (m)	% Cover
Eucalyptus victrix	8	15
Corymbia hamersleyana	8	3
Acacia pyrifolia var. *pyrifolia*	3	5
Acacia trachycarpa	3	5
Acacia acradenia	2.5	5
Triodia epactia	1	15
**Cenchrus ciliaris*	0.5	15
Themeda triandra	0.5	5
Acacia bivenosa		+
Acacia eriopoda x *trachycarpa*		+
Acacia tumida var. *pilbarensis*		+
Afrohybanthus aurantiacus		+
Arivela viscosa		+
Boerhavia burbidgeana		+
Cajanus cinereus		+
Chrysopogon fallax		+
Corchorus parviflorus		+
Corchorus walcottii		+
Crotalaria medicaginea var. *neglecta*		+
Cullen pustulatum		+
Cymbopogon ambiguus		+
Cyperus vaginatus		+
Enneapogon lindleyanus		+
Eriachne mucronata		+
Euphorbia australis var. *subtomentosa*		+
Euphorbia biconvexa		+
Gossypium australe		+
Indigofera linifolia		+
Indigofera monophylla		+
Indigofera rugosa		+
Isotropis atropurpurea		+
Jasminum didymum subsp. *lineare*		+
Melaleuca linophylla		+
Nellica maderaspatensis		+
Rhynchosia sp.		+
Senna artemisioides subsp. *helmsii* x *oligophylla*		+
Tephrosia rosea ?var. *clementii*		+
Vittadinia dissecta var. *hirta*		+

Site 005

Date	9 April 2022
Botanist	Daniel Roberts and Kelly Hopkinson
Quadrat Size	50 x 50 m
NW Corner Coordinates	721944mE 7651066mN
Vegetation Unit	**EvMlTe** - *Eucalyptus victrix* Mid Woodland over *Melaleuca linophylla, Melaleuca glomerata* and *Acacia* spp. Tall Open Shrubland over *Triodia epactia, Triodia longiceps* and **Cenchrus ciliaris* Open Mid Hummock Grassland.
Slope	Flat
Landform	Medium drainage line
Soil Colour	Light brown
Soil Type	Sand
Litter	5%
Bare Ground	40%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Nil



Species	Height (m)	% Cover
Eucalyptus victrix	10	5
Melaleuca linophylla	4	15
Atalaya hemiglauca	4	5
Acacia trachycarpa	3	10
Triodia longiceps	1	15
Triodia epactia	1	10
Acacia acradenia		+
Acacia pyrifolia var. *pyrifolia*		+
Acacia stellaticeps		+
Afrohybanthus aurantiacus		+
Arivela viscosa		+
Boerhavia burbidgeana		+
Bonamia erecta		+
Bonamia linearis		+
**Cenchrus ciliaris*		+
Chrysopogon fallax		+
Corchorus parviflorus		+
Cullen pustulatum		+
Cymbopogon ambiguus		+
Enneapogon lindleyanus		+
Eragrostis cumingii		+
Euphorbia australis var. *subtomentosa*		+
Euphorbia coghlanii		+
Euploca pachyphylla		+
Grevillea wickhamii subsp. *aprica*		+
Indigofera monophylla		+
Isotropis atropurpurea		+
Jasminum didymum subsp. *lineare*		+
Nellica maderaspatensis		+
Pluchea dentex		+
Polymeria ambigua		+
Ptilotus astrolasius		+
Rhynchosia sp.		+
Sesbania cannabina		+
Sida echinocarpa		+
Stemodia grossa		+
Tephrosia rosea ?var. *clementii*		+
Triumfetta chaetocarpa		+

Site 006

Date	9 April 2022
Botanist	Daniel Roberts and Kelly Hopkinson
Quadrat Size	50 x 50 m
NW Corner Coordinates	724119mE 7650438mN
Vegetation Unit	**AaGwTe** - *Acacia inaequilatera* Tall Isolated Shrubland over *Acacia acradenia* and *Grevillea wickhamii* Sparse Mid Shrubland over *Triodia epactia* Open Mid Hummock Grassland.
Slope	Flat
Landform	Sand plain
Soil Colour	Red brown
Soil Type	Sandy loam
Litter	1%
Bare Ground	40%
Fire Age	>10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Nil



Species	Height (m)	% Cover
Acacia inaequilatera	4	3
Acacia acradenia	2.5	30
Hakea lorea subsp. *lorea*	2.5	1
Triodia wiseana	0.5	30
Triodia epactia	0.5	10
Bonamia erecta		+
Indigofera monophylla		+

Site 007

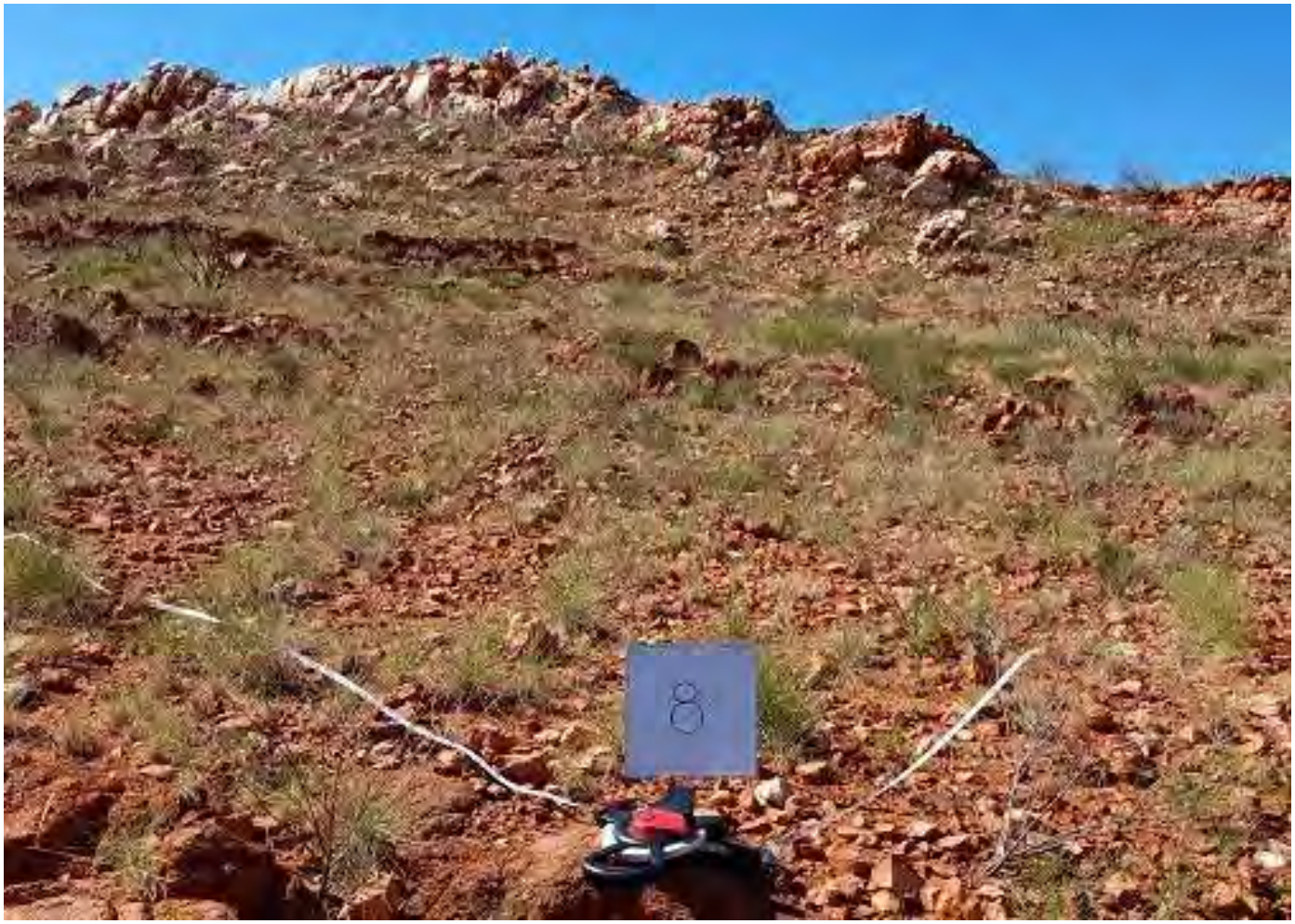
Date	9 April 2022
Botanist	Megan Gray and Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	725857mE 7650121mN
Vegetation Unit	**TcSpTI** - *Terminalia circumalata* Low Isolated Trees over *Sida platycalyx* and *Ficus aculeata* var. *indecora* Isolated Mid Shrubs over *Triodia longiceps* and *Digitaria brownii* Open Mid Hummock Grassland.
Slope	Steep
Landform	Rocky hill
Soil Colour	Brown
Soil Type	Loam
Litter	5%
Bare Ground	2%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Nil



Species	Height (m)	% Cover
Terminalia circumalata	8	1.5
Ficus aculeata var. *indecora*	2	0.2
Sida platycalyx	1.2	0.5
Triodia longiceps	0.8	20
Digitaria brownii	0.6	1
?*Terminalia* sp.		+
Clerodendrum tomentosum var. *lanceolatum*		+
Hibiscus goldsworthii		+
Mallotus nesophilus		+
Senna glutinosa subsp. *glutinosa*		+
Tinospora smilacina		+
Vincetoxicum flexuosum		+
Acacia hilliana		Associated
Gomphrena cunninghamii		Associated

Site 008

Date	9 April 2022
Botanist	Megan Gray and Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	726030mE 7649698mN
Vegetation Unit	**AtAhTe** - *Acacia tumida* var. *pilbarensis* Tall Isolated Shrubs over *Acacia hilliana* Low Sparse Shrubland over *Triodia epactia* Open Mid Hummock Grassland.
Slope	Moderate
Landform	Rocky hill
Soil Colour	Red Brown
Soil Type	Loam
Litter	1%
Bare Ground	70%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Nil



Species	Height (m)	% Cover
Triumfetta chaetocarpa	0.6	0.5
Acacia hilliana	0.3	12
Triodia ? epactia	0.2	10
Hibiscus goldsworthii	0.2	1
Bonamia pilbarensis		+
Dampiera candicans		+
Eriachne ciliata		+
Fimbristylis dichotoma		+
Grevillea wickhamii		+
Petalostylis labicheoides		+
Sida sp. Pilbara (A.A. Mitchell PRP 1543)		+
Solanum gabrielae		+
Tribulus suberosus		+
Triumfetta johnstonii		+
Acacia tumida var. *pilbarensis*		Associated
Cochlospermum macnamarae		Associated

Site 009

Date	9 April 2022
Botanist	Megan Gray and Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	726195mE 7651426mN
Vegetation Unit	**AtAhTe** - *Acacia tumida* var. *pilbarensis* Tall Isolated Shrubs over *Acacia hilliana* Low Sparse Shrubland over *Triodia epactia* Open Mid Hummock Grassland.
Slope	Moderate
Landform	Rocky hill
Soil Colour	Dark Brown
Soil Type	Loam
Litter	5%
Bare Ground	55%
Fire Age	3-5 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Nil



Species	Height (m)	% Cover
Corymbia hamersleyana	6	0.2
Acacia tumida var. *pilbarensis*	4.5	0.5
Grevillea wickhamii	2.2	0.5
Templetonia hookeri	1.8	1.5
Acacia hilliana	0.8	4
Triodia ? epactia	0.5	15
Acacia adoxa var. *adoxa*		+
Bonamia pilbarensis		+
Cyperus bifax		+
Hibiscus goldsworthii		+
Petalostylis labicheoides		+
Phyllanthus hebecarpus		+
Quoya zonalis		+
Senna glutinosa subsp. *glutinosa*		+
Tephrosia sp. Bungaroo Creek (M.E. Trudgen 11601)		+
Tinospora smilacina		+
Triumfetta sp. 1		+

Site 010

Date	9 April 2022
Botanist	Daniel Roberts and Kelly Hopkinson
Quadrat Size	50 x 50 m
NW Corner Coordinates	730084mE 7648862mN
Vegetation Unit	**AiCpTb** - *Acacia inaequilatera* Tall Sparse Shrubland over *Corchorus parviflorus* Low Sparse Shrubland over *Triodia brizoides* Low Hummock Grassland.
Slope	Gentle
Landform	Hill top
Soil Colour	Red brown
Soil Type	Sandy loam
Litter	1%
Bare Ground	50%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Nil



Species	Height (m)	% Cover
Acacia inaequilatera	4	1
Grevillea wickhamii	3	2
Triodia brizoides	0.5	30
Boerhavia gardneri	0.5	2
Acacia aptaneura		+
Acacia colei		+
Bonamia ?pilbarensis		+
Cassytha capillaris		+
Euphorbia tannensis subsp. *eremophila*		+
Indigofera monophylla		+
Pentalepis trichodesmoides subsp. *trichodesmoides*		+
Ptilotus calostachyus		+
Solanum lasiophyllum		+
Tephrosia rosea ?var. *clementii*		+

Site 011

Date	8 April 2022
Botanist	Megan Gray and Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	732953mE 7650854mN
Vegetation Unit	**ElCpTb** - *Eucalyptus* ?*leucophloia* subsp. *leucophloia* Low Isolated Trees over *Corchorus parviflorus* and *Tribulus suberosus* Sparse Mid Shrubland over *Triodia brizoides* and *Euphorbia careyi* Mid Hummock Grassland.
Slope	Steep
Landform	Ridge
Soil Colour	Red, Brown
Soil Type	Loam
Litter	0.20%
Bare Ground	60%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Nil



Species	Height (m)	% Cover
Eucalyptus ? *leucophloia* subsp. *leucophloia*	2.5	0.1
Tribulus suberosus	1.5	0.5
Corchorus parviflorus	0.4	5
Triodia brizoides	0.2	10
Euphorbia careyi	0.2	0.5
Acacia acradenia		+
Cymbopogon ambiguus		+
Dampiera candicans		+
Euphorbia sp.		+
Goodenia cusackiana		+
Grevillea wickhamii		+
Hibiscus coatesii		+
Hibiscus goldsworthii		+
Polycarpaea corymbosa var. *corymbosa*		+
Ptilotus mollis		+
Senna glutinosa subsp. *glutinosa*		+
Sida arenicola		+
Trichodesma zeylanicum		+
Triumfetta maconochieana		+
? *Terminalia* sp.		Associated
Cyperus bifax		Associated
Terminalia circumalata		Associated

Site 012

Date	8 April 2022
Botanist	Megan Gray and Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	734504mE 7651045mN
Vegetation Unit	**EcTl** - *Eucalyptus camaldulensis* subsp. *refulgens* Mid Woodland over *Melaleuca* spp. and *Acacia ampliceps* Tall Sparse Shrubland over *Triodia longiceps* Sparse Mid Hummock Grassland.
Slope	Gentle
Landform	Major drainage
Soil Colour	Orange/light brown
Soil Type	Sand, loam
Litter	10%
Bare Ground	65%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Livestock, weeds



Species	Height (m)	% Cover
Eucalyptus camaldulensis subsp. *refulgens*	12	30
Acacia sericophylla	6	0.5
Atalaya hemiglauca	6	0.5
Acacia trachycarpa	5	0.5
Melaleuca linophylla	4	8
Kirganelia baccata	4	2
Triodia longiceps	1.2	20
Cyperus bifax	0.8	5
Eulalia aurea	0.8	1
Abutilon macrum		+
Acacia ampliceps		+
Acacia colei		+
Acacia inaequilatera		+
Arivela viscosa		+
Boerhavia coccinea		+
Cajanus cinereus		+
Cassytha capillaris		+
Cassytha filiformis		+
**Cenchrus setiger*		+
Corchorus parviflorus		+
Cucumis variabilis		+
Euphorbia australis var. *subtomentosa*		+
Euphorbia coghlanii		+
Goodenia cusackiana		+
Gossypium robinsonii		+
Grevillea pyramidalis subsp. *leucadendron*		+
Melaleuca glomerata		+
Notoleptopus decaisnei		+
Petalostylis labicheoides		+
Pluchea tetranthera		+
Polymeria mollis		+
Rhynchosia minima		+
Sida ? fibulifera		+
Stemodia grossa		+
Vigna lanceolata var. *lanceolata*		+

Site 013

Date	8 April 2022
Botanist	Megan Gray and Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	735200mE 7648453mN
Vegetation Unit	**EcMa** - *Eucalyptus camaldulensis subsp. refulgens* and *Melaleuca argentea* Open Mid Woodland over *Acacia sericophylla*, *Acacia trachycarpa*, *Melaleuca glomerata* and *Melaleuca linophylla* Tall Sparse Shrubland over **Cenchrus setiger* and *Triodia longiceps* Sparse Mid Tussock Grassland.
Slope	Gentle
Landform	Major drainage
Soil Colour	Light brown
Soil Type	Sand
Litter	2%
Bare Ground	90%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Livestock, weeds



Species	Height (m)	% Cover
Melaleuca argentea	12	35
Eucalyptus camaldulensis subsp. *refulgens*	9	1
Acacia sericophylla		+
Amaranthus undulatus		+
Ammannia sp.		+
Arivela viscosa		+
Atalaya hemiglauca		+
Brachychiton acuminatus		+
Calandrinia tepperiana		+
Cassytha filiformis		+
**Cenchrus setiger*		+
**Citrullus colocynthis*		+
Corchorus ?parviflorus		+
Corchorus parviflorus		+
Cucumis variabilis		+
**Cynodon dactylon*		+
Cyperus cunninghamii subsp. *cunninghamii*		+
Cyperus squarrosus		+
Dysphania sp.		+
Euphorbia australis var. *subtomentosa*		+
Euphorbia coghlanii		+
Fimbristylis elegans		+
Gossypium australe		+
Hibiscus austrinus var. *austrinus*		+
Kirganelia baccata		+
Melaleuca linophylla		+
Pluchea tetranthera		+
Portulaca oleracea		+
Sesbania formosa		+
Solanum diversiflorum		+
Stemodia grossa		+
Vigna lanceolata var. *lanceolata*		+

Site 014

Date	8 April 2022
Botanist	Megan Gray and Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	736511mE 7649933mN
Vegetation Unit	**EcMa** - *Eucalyptus camaldulensis subsp. refulgens* and *Melaleuca argentea* Open Mid Woodland over *Acacia sericophylla*, *Acacia trachycarpa*, *Melaleuca glomerata* and *Melaleuca linophylla* Tall Sparse Shrubland over **Cenchrus setiger* and *Triodia longiceps* Sparse Mid Tussock Grassland.
Slope	Gentle
Landform	Major drainage
Soil Colour	Brown
Soil Type	loamy and sand
Litter	15%
Bare Ground	25%
Fire Age	5-10 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Livestock, weeds



Species	Height (m)	% Cover
Eucalyptus camaldulensis subsp. *refulgens*	14	20
Melaleuca argentea	10	3
Atalaya hemiglauca	6	1.5
Acacia trachycarpa	4	1.5
Acacia sericophylla	4	1
Triodia longiceps	1.8	10
**Cenchrus setiger*	0.2	18
Acacia ampliceps		+
Acacia inaequilatera		+
**Aerva javanica*		+
Afrohybanthus aurantiacus		+
Arivela viscosa		+
Boerhavia coccinea		+
**Calotropis procera*		+
Corchorus parviflorus		+
Cullen pustulatum		+
Cyperus cunninghamii subsp. *cunninghamii*		+
Ehretia saligna var. *saligna*		+
Euphorbia australis var. *subtomentosa*		+
Euploca cunninghamii		+
Gossypium australe		+
Indigofera sp.		+
Ipomoea lonchophylla		+
Ipomoea muelleri		+
Kirganelia baccata		+
Malvaceae sp.		+
Petalostylis labicheoides		+
Rhynchosia minima		+
Senna notabilis		+
Solanum diversiflorum		+
Vigna lanceolata var. *lanceolata*		+

Site 015

Date	9 April 2022
Botanist	Megan Gray and Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	738627mE 7642447mN
Vegetation Unit	**EcMa** - *Eucalyptus camaldulensis subsp. refulgens* and *Melaleuca argentea* Open Mid Woodland over *Acacia sericophylla*, *Acacia trachycarpa*, *Melaleuca glomerata* and *Melaleuca linophylla* Tall Sparse Shrubland over **Cenchrus setiger* and *Triodia longiceps* Sparse Mid Tussock Grassland.
Slope	Gentle
Landform	Major drainage line
Soil Colour	Light brown, orange
Soil Type	Sand
Litter	8%
Bare Ground	60%
Fire Age	>10 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Livestock, weeds



Species	Height (m)	% Cover
Eucalyptus camaldulensis subsp. *refulgens*	15	5
Melaleuca argentea	14	35
Acacia sericophylla	10	2
Acacia trachycarpa	3.5	3
Crotalaria cunninghamii subsp. *sturtii*	1.2	1
Corchorus parviflorus	0.8	1
**Cenchrus setiger*	0.4	15
Abutilon macrum		+
Acacia inaequilatera		+
**Aerva javanica*		+
Afrohybanthus aurantiacus		+
Amaranthus undulatus		+
Arivela viscosa		+
Atalaya hemiglauca		+
Boerhavia coccinea		+
Bonamia pannosa		+
Bulbostylis barbata		+
**Calotropis procera*		+
Euphorbia australis var. *subtomentosa*		+
Euphorbia coghlanii		+
Euploca cunninghamii		+
Petalostylis labicheoides		+
Senna notabilis		+
Tinospora smilacina		+
Tribulus occidentalis		+
Triodia longiceps		+
Triumfetta chaetocarpa		+
Calandrinia tepperiana		Associated
Solanum diversiflorum		Associated

Site 016

Date	9 April 2022
Botanist	Megan Gray and Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	740058mE 7642880mN
Vegetation Unit	**EcMa** - *Eucalyptus camaldulensis subsp. refulgens* and *Melaleuca argentea* Open Mid Woodland over *Acacia sericophylla*, *Acacia trachycarpa*, *Melaleuca glomerata* and *Melaleuca linophylla* Tall Sparse Shrubland over **Cenchrus setiger* and *Triodia longiceps* Sparse Mid Tussock Grassland.
Slope	Gentle
Landform	Drainage fringe
Soil Colour	Brown
Soil Type	Loam
Litter	20%
Bare Ground	20%
Fire Age	>10 Years
Vegetation Condition	Good
Disturbances/Impacts	Livestock, weeds



Species	Height (m)	% Cover
Eucalyptus victrix	15	40
Eucalyptus camaldulensis subsp. *refulgens*	15	20
Melaleuca argentea	12	1.5
Atalaya hemiglauca	7	8
Triodia longiceps	1.5	2
Cyperus bifax	0.6	3
**Cenchrus setiger*	0.2	60
Acacia inaequilatera		+
Acacia sericophylla		+
**Aerva javanica*		+
Bonamia pannosa		+
Cajanus cinereus		+
Capparis spinosa subsp. *nummularia*		+
Carissa lanceolata		+
**Chloris barbata*		+
Corchorus parviflorus		+
**Cynodon dactylon*		+
Euphorbia australis var. *subtomentosa*		+
Kirganelia baccata		+
Rhynchosia minima		+

Site 017

Date	8 April 2022
Botanist	Catherine Krens and Megan Young
Quadrat Size	50 x 50 m
NW Corner Coordinates	744005mE 7642447mN
Vegetation Unit	**EvMlTe** - *Eucalyptus victrix* Mid Woodland over *Melaleuca linophylla, Melaleuca glomerata* and *Acacia* spp. Tall Open Shrubland over *Triodia epactia, Triodia longiceps* and **Cenchrus ciliaris* Open Mid Hummock Grassland.
Slope	Flat
Landform	River
Soil Colour	Brown-brown orange
Soil Type	Sand gravel
Litter	7%
Bare Ground	55%
Fire Age	5-10 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Livestock, Weeds



Species	Height (m)	% Cover
Eucalyptus victrix	8	7
?*Corymbia hamersleyana*	5	1
Petalostylis labicheoides	2.2	3
Acacia eriopoda	2.2	0.5
Acacia pyrifolia var. *pyrifolia*	2	1
Stemodia grossa	0.4	3
Acacia acradenia		+
Acacia ampliceps		+
Acacia bivenosa		+
Acacia ptychophylla		+
Acacia spondylophylla		+
Acacia trachycarpa		+
Adriana tomentosa ?var. *tomentosa*		+
**Aerva javanica*		+
Arivela viscosa		+
Atalaya hemiglauca		+
Boerhavia coccinea		+
Cajanus pubescens		+
**Cenchrus ciliaris*		+
Corchorus parviflorus		+
Cucumis variabilis		+
Cymbopogon ambiguus		+
Cyperus sp.		+
Dampiera candicans		+
Euphorbia australis var. *subtomentosa*		+
Euphorbia coghlanii		+
Euphorbia tannensis subsp. *eremophila*		+
Flueggea virosa subsp. *melanthesoides*		+
Goodenia stobbsiana		+
Grevillea wickhamii		+
Hibiscus austrinus var. *austrinus*		+
Hibiscus brachychlaenus		+
Melaleuca ?glomerata		+
Notoleptopus decaisnei		+
Pluchea rubelliflora		+
Polymeria mollis		+
Pterocaulon sphacelatum		+
Rhynchosia sp.		+
Scaevola amblyanthera var. *centralis*		+
Senna venusta		+
Sida sp. spiciform panicles (E. Leyland s.n. 14/8/90)		+
Tephrosia sp. B Kimberley Flora (C.A. Gardner 7300)		+
Triodia longiceps		+
Triumfetta maconochieana		+

Site 018

Date	8 April 2022
Botanist	Catherine Krens and Megan Young
Quadrat Size	50 x 50 m
NW Corner Coordinates	741503mE 7645814mN
Vegetation Unit	**ElAtTe** - *Eucalyptus leucophloia* subsp. *leucophloia* Low Isolated Trees over *Acacia inaequilatera* and *Acacia tumida* var. *pilbarensis* Tall Sparse Shrubland over *Triodia epactia* and *Triodia brizoides* Mid Hummock Grassland.
Slope	Gentle
Landform	Ridge
Soil Colour	Skeleton brown orange
Soil Type	Quartz loam
Litter	2%
Bare Ground	30%
Fire Age	3-5 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Fire



Species	Height (m)	% Cover
Grevillea wickhamii	2.2	7
Triodia epactia	0.6	50
Acacia inaequilatera		+
Acacia pruinocarpa		+
Arivela viscosa		+
Corymbia candida subsp. *candida*		+
Scaevola sp.		+

Site 019

Date	8 April 2022
Botanist	Catherine Krens and Megan Young
Quadrat Size	50 x 50 m
NW Corner Coordinates	745957mE 7641356mN
Vegetation Unit	**EvMlTe** - *Eucalyptus victrix* Mid Woodland over *Melaleuca linophylla, Melaleuca glomerata* and *Acacia* spp. Tall Open Shrubland over *Triodia epactia, Triodia longiceps* and **Cenchrus ciliaris* Open Mid Hummock Grassland.
Slope	Gentle
Landform	River
Soil Colour	Brown
Soil Type	Sand gravel
Litter	7%
Bare Ground	50%
Fire Age	5-10 Years
Vegetation Condition	Good
Disturbances/Impacts	Livestock, Weeds



Species	Height (m)	% Cover
Eucalyptus victrix	10	2
Melaleuca glomerata	3.5	3
Melaleuca linophylla	3.0	1
Acacia trachycarpa	2.0	5
Acacia pyrifolia var. *pyrifolia*	1.8	3
Triodia longiceps	0.4	0.5
Eriachne tenuiculmis	0.3	0.5
?*Corymbia hamersleyana*		+
Acacia ampliceps		+
Acacia coriacea subsp. *pendens*		+
**Aerva javanica*		+
Afrohybanthus aurantiacus		+
Atalaya hemiglauca		+
Boerhavia coccinea		+
Cassytha sp.		+
**Cenchrus ciliaris*		+
**Cenchrus setiger*		+
Corchorus parviflorus		+
Cymbopogon ambiguus		+
Cymbopogon ambiguus		+
Cyperus sp.		+
Eriachne benthamii		+
Euphorbia australis var. *subtomentosa*		+
Euploca tanythrix		+
Grevillea pyramidalis subsp. *leucadendron*		+
Petalostylis labicheoides		+
Polymeria ambigua		+
Polymeria mollis		+
Rhynchosia sp.		+
Senna venusta		+
Solanum diversiflorum		+
Solanum phlomoides		+
Vigna sp. Hamersley Clay (A.A. Mitchell PRP 113)		+

Site 020

Date	9 April 2022
Botanist	Catherine Krens and Megan Young
Quadrat Size	20 x 125 m
NW Corner Coordinates	748265mE 7646584mN
Vegetation Unit	**TcAtTe** - *Terminalia circumalata* Low Open Woodland over *Acacia tumida* var. *pilbarensis* Tall Sparse Shrubland over *Triodia epactia* and *Eriachne mucronata* Low Open Hummock Grassland.
Slope	Gentle
Landform	Gorge
Soil Colour	Brown
Soil Type	Sand gravel
Litter	2%
Bare Ground	65%
Fire Age	3-5 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Fire



Species	Height (m)	% Cover
Terminalia circumalata	3.5	5
Acacia tumida var. *pilbarensis*	1.8	2
Acacia pyrifolia var. *pyrifolia*	1.5	0.5
Triodia epactia	0.2	3
?*Terminalia* sp.		+
Acacia coriacea subsp. *pendens*		+
Boerhavia coccinea		+
Corchorus parviflorus		+
Cucumis variabilis		+
Cymbopogon ambiguus		+
Dampiera candicans		+
Ehretia saligna var. *saligna*		+
Eriachne mucronata		+
Eriachne pulchella		+
Euphorbia australis var. *subtomentosa*		+
Flueggea virosa subsp. *melanthesoides*		+
Gomphrena cunninghamii		+
Gossypium australe		+
Hibiscus goldsworthii		+
Polycarpaea longiflora		+
Ptilotus calostachyus		+
Senna glutinosa subsp. *glutinosa*		+
Solanum diversiflorum		+
Solanum phlomoides		+
Stemodia grossa		+
Tephrosia rosea		+
Tinospora smilacina		+
Tribulus suberosus		+

Site 021

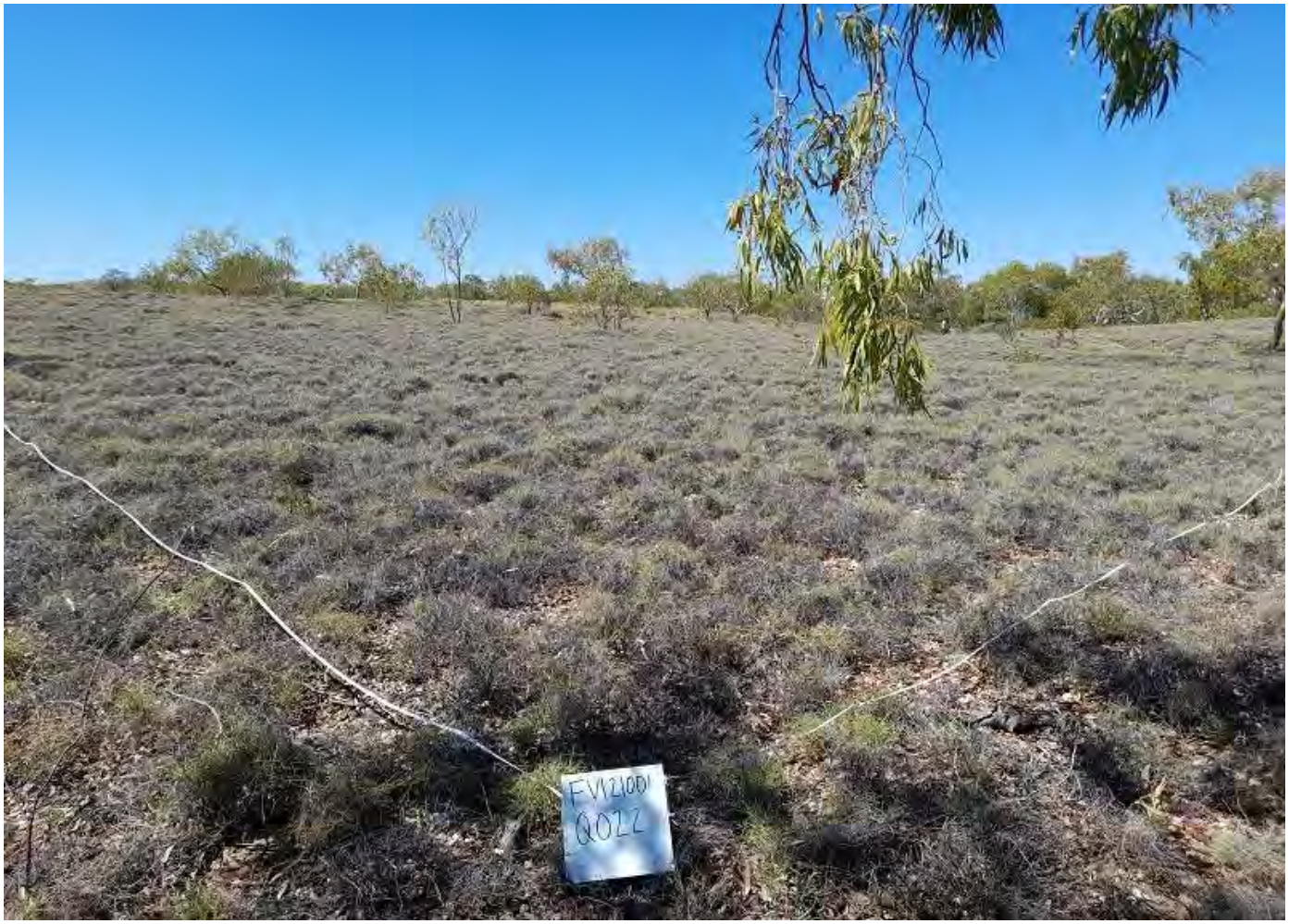
Date	9 April 2022
Botanist	Catherine Krens and Megan Young
Quadrat Size	50 x 50 m
NW Corner Coordinates	749171mE 7646254mN
Vegetation Unit	**ElAtTe** - *Eucalyptus leucophloia* subsp. *leucophloia* Low Isolated Trees over *Acacia inaequilatera* and *Acacia tumida* var. *pilbarensis* Tall Sparse Shrubland over *Triodia epactia* and *Triodia brizoides* Mid Hummock Grassland.
Slope	Gentle
Landform	Hilltop
Soil Colour	Brown
Soil Type	Sandy loam
Litter	1%
Bare Ground	65%
Fire Age	3-5 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Fire



Species	Height (m)	% Cover
Eucalyptus leucophloia subsp. *leucophloia*	2.2	0.5
Acacia retivenea subsp. *clandestina*	0.4	1
Triodia epactia	0.2	30
Eriachne tenuiculmis	0.2	5
Acacia ptychophylla	0.2	3
Acacia adoxa var. *adoxa*		+
Acacia sp.		+
Bonamia pilbarensis		+
Corchorus parviflorus		+
Dodonaea coriacea		+
Fimbristylis dichotoma		+
Goodenia stobbsiana		+
Grevillea wickhamii		+
Senna glutinosa subsp. *glutinosa*		+
Solanum phlomoides		+

Site 022

Date	9 April 2022
Botanist	Catherine Krens and Megan Young
Quadrat Size	50 x 50 m
NW Corner Coordinates	749307mE 7640627mN
Vegetation Unit	**ChTb** - *Corymbia hamersleyana* Low Open Mallee Woodland over *Triodia brizoides* and *Eriachne tenuiculmis* Low Hummock Grassland.
Slope	Gentle
Landform	Undulating plains
Soil Colour	Brown
Soil Type	Sandy loam
Litter	5%
Bare Ground	40%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Livestock



Species	Height (m)	% Cover
Corymbia hamersleyana	4	2
Eriachne tenuiculmis	0.2	3
Triodia brizoides	0.15	40
Acacia bivenosa		+
Bonamia pannosa		+
Cassytha capillaris		+
Corchorus parviflorus		+
Euploca ? chrysocarpa		+
Evolvulus alsinoides var. *villosicalyx*		+
Indigofera monophylla		+
Ptilotus obovatus		+
Senna glutinosa subsp. *glutinosa*		+
Senna symonii		+
Triodia wiseana		+

Site 023

Date	9 April 2022
Botanist	Catherine Krens and Megan Young
Quadrat Size	50 x 50 m
NW Corner Coordinates	750568mE 7638584mN
Vegetation Unit	**EvMlTe** - *Eucalyptus victrix* Mid Woodland over *Melaleuca linophylla, Melaleuca glomerata* and *Acacia* spp. Tall Open Shrubland over *Triodia epactia, Triodia longiceps* and **Cenchrus ciliaris* Open Mid Hummock Grassland.
Slope	Flat
Landform	River
Soil Colour	Brown
Soil Type	Sandy loam
Litter	5%
Bare Ground	45%
Fire Age	5-10 Years
Vegetation Condition	Good
Disturbances/Impacts	Livestock, Weeds



Species	Height (m)	% Cover
Eucalyptus victrix	8	3
Melaleuca glomerata	3.5	15
Melaleuca linophylla	2.5	5
Acacia trachycarpa	1.8	10
Eriachne helmsii	0.7	5
**Cenchrus ciliaris*	0.2	3
Acacia ampliceps		+
Acacia coriacea subsp. *pendens*		+
Acacia pyrifolia var. *pyrifolia*		+
Arivela viscosa		+
Atalaya hemiglauca		+
Boerhavia coccinea		+
Corchorus parviflorus		+
Corchorus tridens		+
Cyperus sp.		+
Dactyloctenium radulans		+
Diplachne fusca subsp. *fusca*		+
Eriachne pulchella		+
Eriachne tenuiculmis		+
Euphorbia coghlanii		+
Flueggea virosa subsp. *melanthesoides*		+
Ipomoea coptica		+
Nellica maderaspatensis		+
Notoleptopus decaisnei		+
Pluchea rubelliflora		+
Rhynchosia sp.		+
Rostellularia adscendens var. *clementii*		+
Sesbania cannabina		+
Solanum diversiflorum		+
Tephrosia ? supina		+
Tinospora smilacina		+
**Trianthema portulacastrum*		+
Triodia epactia		+
Triumfetta maconochieana		+
Vigna sp. Hamersley Clay (A.A. Mitchell PRP 113)		+

Site 024A

Date	9 April 2022
Botanist	Daniel Roberts and Kelly Hopkinson
Quadrat Size	50 x 50 m
NW Corner Coordinates	755269mE 7640495mN
Vegetation Unit	**EvMlTe** - *Eucalyptus victrix* Mid Woodland over *Melaleuca linophylla, Melaleuca glomerata* and *Acacia* spp. Tall Open Shrubland over *Triodia epactia, Triodia longiceps* and **Cenchrus ciliaris* Open Mid Hummock Grassland.
Slope	Flat
Landform	Major drainage line
Soil Colour	Light brown
Soil Type	Sand
Litter	10%
Bare Ground	30%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Nil



Species	Height (m)	% Cover
Eucalyptus victrix	15	10
Atalaya hemiglauca	4	5
Acacia ampliceps	3	25
Melaleuca linophylla	2.5	15
Triodia epactia	1	20
Triodia longiceps	1	15
Acacia acradenia		+
Acacia bivenosa		+
Acacia pyrifolia var. *pyrifolia*		+
Acacia trachycarpa		+
Ammannia sp.		+
Boerhavia burbidgeana		+
Bonamia linearis		+
**Cenchrus ciliaris*		+
Corchorus parviflorus		+
Cullen pustulatum		+
Eriachne helmsii		+
Eriachne tenuiculmis		+
Euphorbia australis var. *subtomentosa*		+
Euphorbia trigonosperma		+
Glycine canescens		+
Gossypium australe		+
Isotropis atropurpurea		+
Melaleuca bracteata		+
Nellica maderaspatensis		+
Paraneurachne muelleri		+
Polymeria ambigua		+
Rhynchosia sp.		+
Sesbania cannabina		+
Stemodia grossa		+
Typha domingensis		+
Vigna lanceolata var. *lanceolata*		+

Site 024B

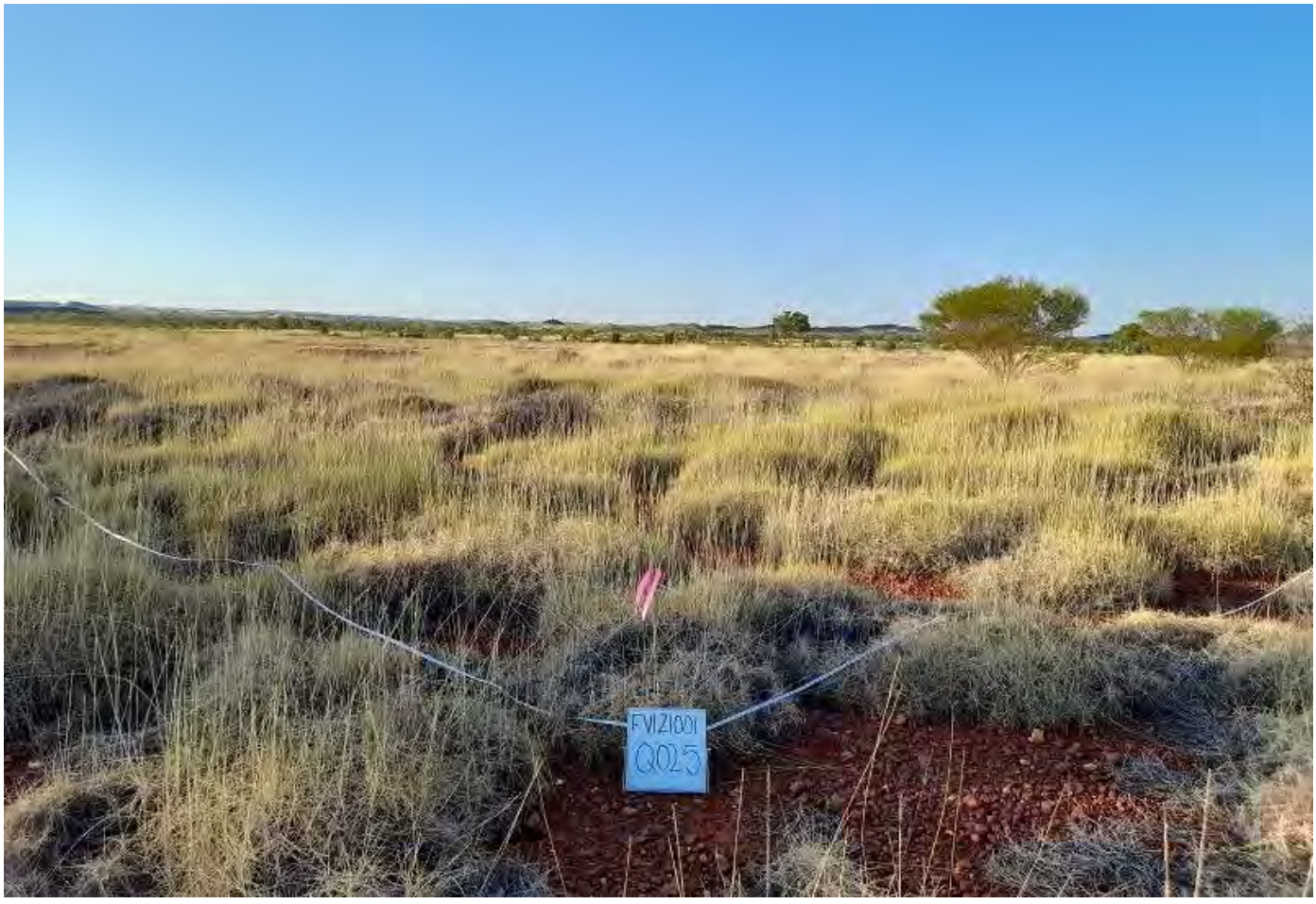
Date	8 April 2022
Botanist	Catherine Krens and Megan Young
Quadrat Size	50 x 50 m
NW Corner Coordinates	751922mE 7640771mN
Vegetation Unit	**ChTl** - *Corymbia hamersleyana* Low Isolated Trees over Mixed *Acacia* spp. Tall Sparse Shrubland over *Triodia longiceps* and *Triodia wiseana* Low Open Hummock Grassland.
Slope	Flat
Landform	Plain
Soil Colour	Brown orange
Soil Type	Sandy loam
Litter	5%
Bare Ground	45%
Fire Age	3-5 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Livestock



Species	Height (m)	% Cover
Grevillea pyramidalis subsp. *leucadendron*	3.5	1
Acacia acradenia	0.7	0.5
Triodia epactia	0.3	42
Triodia wiseana	0.3	3
Senna glaucifolia	0.3	2
?*Tephrosia* sp.		+
Acacia inaequilatera		+
Acacia pyrifolia var. *pyrifolia*		+
Corchorus parviflorus		+
Euphorbia australis var. *subtomentosa*		+
Fimbristylis dichotoma		+
Glycine canescens		+
Gossypium australe		+
Pluchea tetranthera		+
Rhynchosia sp.		+
Senna glutinosa subsp. *glutinosa*		+
Stemodia grossa		+
Triodia longiceps		+
Vigna lanceolata var. *lanceolata*		+

Site 025

Date	10 April 2022
Botanist	Catherine Krens and Megan Young
Quadrat Size	50 x 50 m
NW Corner Coordinates	753645mE 7639466mN
Vegetation Unit	**ChTl** - *Corymbia hamersleyana* Low Isolated Trees over Mixed *Acacia* spp. Tall Sparse Shrubland over *Triodia longiceps* and *Triodia wiseana* Low Open Hummock Grassland.
Slope	Flat
Landform	Plain
Soil Colour	Brown orange
Soil Type	Clay loam
Litter	2%
Bare Ground	50%
Fire Age	5-10 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Livestock



Species	Height (m)	% Cover
Acacia ancistrocarpa	2.2	0.5
Triodia longiceps	0.5	35
Acacia bivenosa		+
Acacia pyrifolia var. *pyrifolia*		+
Corchorus parviflorus		+
Cucumis variabilis		+
Euphorbia australis var. *subtomentosa*		+
Fimbristylis dichotoma		+
Grevillea pyramidalis subsp. *leucadendron*		+
Paraneurachne muelleri		+
Pluchea tetranthera		+
Polymeria mollis		+
Pterocaulon serrulatum var. *velutinum*		+
Ptilotus astrolasius		+
Senna glutinosa subsp. *glutinosa*		+
Solanum cleistogamum		+
Stemodia grossa		+
Trigastrotheca molluginea		+

Site 026

Date	10 April 2022
Botanist	Daniel Roberts and Kelly Hopkinson
Quadrat Size	25 x 100 m
NW Corner Coordinates	755388mE 7646316mN
Vegetation Unit	**TcAtTe** - *Terminalia circumalata* Low Open Woodland over *Acacia tumida* var. *pilbarensis* Tall Sparse Shrubland over *Triodia epactia* and *Eriachne mucronata* Low Open Hummock Grassland.
Slope	Gentle
Landform	Gorge/Gully
Soil Colour	Dark brown
Soil Type	Sand
Litter	15%
Bare Ground	40%
Fire Age	>10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Nil



Species	Height (m)	% Cover
Eucalyptus victrix	8	3
Terminalia circumalata	6	10
Melaleuca glomerata	3	20
Triodia epactia	0.5	15
Eriachne mucronata	0.5	5
?*Terminalia* sp.		+
Acacia acradenia		+
Acacia coriacea subsp. *pendens*		+
Acacia pyrifolia var. *pyrifolia*		+
Acacia retivenea subsp. *clandestina*		+
Acacia sphaerostachya		+
Acacia tumida var. *pilbarensis*		+
Atalaya hemiglauca		+
Cassytha capillaris		+
Corchorus parviflorus		+
Cymbopogon ambiguus		+
Euphorbia trigonosperma		+
Ficus brachypoda		+
Grevillea wickhamii subsp. *hispidula*		+
Polymeria mollis		+
Rhynchosia sp.		+
Senna glutinosa subsp. *glutinosa*		+
Sida sp. articulation below (A.A. Mitchell PRP 1605)		+
Solanum lucani		+
Stemodia grossa		+
Tephrosia rosea		+
Tinospora smilacina		+
Triumfetta maconochieana		+

Site 027

Date	10 April 2022
Botanist	Daniel Roberts and Kelly Hopkinson
Quadrat Size	25 x 100 m
NW Corner Coordinates	757039mE 7646402mN
Vegetation Unit	**TcAtTe** - *Terminalia circumalata* Low Open Woodland over *Acacia tumida* var. *pilbarensis* Tall Sparse Shrubland over *Triodia epactia* and *Eriachne mucronata* Low Open Hummock Grassland.
Slope	Gentle
Landform	Gorge/Gully
Soil Colour	Light brown
Soil Type	Sandy loam
Litter	10%
Bare Ground	60%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Nil



Species	Height (m)	% Cover
Terminalia circumalata	8	25
Eucalyptus leucophloia subsp. *leucophloia*	7	1
Acacia tumida var. *pilbarensis*	2.5	5
Triodia epactia	0.5	15
Eriachne mucronata	0.5	5
Acacia acradenia		+
Acacia bivenosa		+
Acacia pyrifolia var. *pyrifolia*		+
Acacia retivenea subsp. *clandestina*		+
Acacia sphaerostachya		+
Cassytha capillaris		+
Corchorus parviflorus		+
Euphorbia trigonosperma		+
Ficus brachypoda		+
Grevillea wickhamii subsp. *hispidula*		+
Melaleuca glomerata		+
Polymeria mollis		+
Senna glutinosa subsp. *glutinosa*		+
Sida sp. articulation below (A.A. Mitchell PRP 1605)		+
Solanum lucani		+
Stemodia grossa		+
Tephrosia rosea		+
Triumfetta maconochieana		+

Site 028

Date	10 April 2022
Botanist	Catherine Krens and Megan Young
Quadrat Size	50 x 50 m
NW Corner Coordinates	755102mE 7639845mN
Vegetation Unit	**EvMlTe** - *Eucalyptus victrix* Mid Woodland over *Melaleuca linophylla, Melaleuca glomerata* and *Acacia* spp. Tall Open Shrubland over *Triodia epactia, Triodia longiceps* and **Cenchrus ciliaris* Open Mid Hummock Grassland.
Slope	Gentle
Landform	River
Soil Colour	Brown
Soil Type	Sandy loam
Litter	5%
Bare Ground	65%
Fire Age	5-10 Years
Vegetation Condition	Good
Disturbances/Impacts	Livestock, Weeds



Species	Height (m)	% Cover
Eucalyptus victrix	8	85
Melaleuca glomerata	3.5	15
Melaleuca linophylla	3	10
Cyperus sp.	0.5	5
Eriachne tenuiculmis	0.3	1
Acacia ampliceps		+
Acacia ancistrocarpa		+
Acacia coriacea subsp. *pendens*		+
Acacia inaequilatera		+
Acacia pyrifolia var. *pyrifolia*		+
Acacia trachycarpa		+
Adriana tomentosa ?var. *tomentosa*		+
**Aerva javanica*		+
Afrohybanthus aurantiacus		+
Arivela viscosa		+
Atalaya hemiglauca		+
Boerhavia coccinea		+
**Calotropis procera*		+
**Cenchrus ciliaris*		+
Corchorus parviflorus		+
Euphorbia australis var. *subtomentosa*		+
Euphorbia coghlanii		+
Flueggea virosa subsp. *melanthesoides*		+
Indigofera monophylla		+
Iseilema membranaceum		+
**Malvastrum americanum*		+
Marsilea sp.		+
Petalostylis labicheoides		+
Senna glutinosa subsp. *glutinosa*		+
Sesbania cannabina		+
Solanum phlomoides		+
Stemodia grossa		+
Triodia epactia		+
Triodia longiceps		+
Triodia wiseana		+
Triumfetta appendiculata		+
Vigna sp. Hamersley Clay (A.A. Mitchell PRP 113)		+

Site 029

Date	10 April 2022
Botanist	Catherine Krens and Megan Young
Quadrat Size	50 x 50 m
NW Corner Coordinates	755289mE 7639010mN
Vegetation Unit	**ChTl** - *Corymbia hamersleyana* Low Isolated Trees over Mixed *Acacia* spp. Tall Sparse Shrubland over *Triodia longiceps* and *Triodia wiseana* Low Open Hummock Grassland.
Slope	Flat
Landform	Plain
Soil Colour	Brown orange
Soil Type	Clay loam
Litter	1%
Bare Ground	95%
Fire Age	1-3 Years
Vegetation Condition	Good
Disturbances/Impacts	Livestock, Fire



Species	Height (m)	% Cover
?*Corymbia hamersleyana*	3.0	0.5
Grevillea pyramidalis subsp. *leucadendron*	2.5	0.5
Acacia inaequilatera	2.0	0.5
Triodia longiceps	0.15	0.5
Acacia ancistrocarpa		+
Arivela viscosa		+
Boerhavia coccinea		+
Bonamia pannosa		+
Bonamia pilbarensis		+
**Calotropis procera*		+
Corchorus parviflorus		+
Cullen stipulaceum		+
Euphorbia australis var. *subtomentosa*		+
Goodenia microptera		+
Indigofera colutea		+
Notoleptopus decaisnei		+
Poaceae sp.		+
Ptilotus auriculifolius		+
Senna glutinosa subsp. *glutinosa*		+
Senna notabilis		+
Stemodia grossa		+
Tribulus hirsutus		+
Trigastrotheca molluginea		+

Site 030

Date	10 April 2022
Botanist	Catherine Krens and Megan Young
Quadrat Size	50 x 50 m
NW Corner Coordinates	755300mE 7637990mN
Vegetation Unit	**ChTl** - *Corymbia hamersleyana* Low Isolated Trees over Mixed *Acacia* spp. Tall Sparse Shrubland over *Triodia longiceps* and *Triodia wiseana* Low Open Hummock Grassland.
Slope	Flat
Landform	Plain
Soil Colour	Brown orange
Soil Type	Clay loam
Litter	1%
Bare Ground	95%
Fire Age	1-3 Years
Vegetation Condition	Good
Disturbances/Impacts	Livestock, Fire



Species	Height (m)	% Cover
Acacia inaequilatera	3	1
Triodia epactia	0.2	0.5
Triodia ? wiseana	0.1	0.5
Acacia bivenosa		+
Adriana tomentosa ?var. *tomentosa*		+
**Aerva javanica*		+
Afrohybanthus aurantiacus		+
Alysicarpus muelleri		+
Arivela viscosa		+
Boerhavia coccinea		+
Bonamia media		+
Bonamia pannosa		+
Bonamia pilbarensis		+
**Cenchrus ciliaris*		+
Corchorus parviflorus		+
Enneapogon polyphyllus		+
Euphorbia australis var. *subtomentosa*		+
Euphorbia coghlanii		+
Gomphrena cunninghamii		+
Goodenia ? muelleriana		+
Goodenia microptera		+
Grevillea pyramidalis subsp. *leucadendron*		+
Hakea lorea subsp. *lorea*		+
Indigofera colutea		+
Indigofera linifolia		+
Ipomoea muelleri		+
Nellica maderaspatensis		+
Notoleptopus decaisnei		+
Paraneurachne muelleri		+
Rhynchosia australis		+
Senna artemisioides subsp. *helmsii*		+
Senna notabilis		+
Sida ? echinocarpa		+
Sporobolus australasicus		+
Tinospora smilacina		+
Tribulus hirsutus		+
Trigastrotheca molluginea		+

Site 031

Date	10 April 2022
Botanist	Catherine Krens and Megan Young
Quadrat Size	50 x 50 m
NW Corner Coordinates	755528mE 7637979mN
Vegetation Unit	**ChTe** - ?*Corymbia hamersleyana* and *Brachychiton acuminatus* Low Isolated Trees over *Triodia epactia, *Cenchrus ciliaris* and *Cymbopogon ambiguus* Sparse Mid Hummock Grassland.
Slope	Steep
Landform	Basalt ridge
Soil Colour	Brown
Soil Type	Sandy clay
Litter	7%
Bare Ground	90%
Fire Age	3-5 Years
Vegetation Condition	Good
Disturbances/Impacts	Livestock, Fire



Species	Height (m)	% Cover
?*Corymbia hamersleyana*	5	0.5
Ficus aculeata var. *indecora*	2.8	0.5
**Cenchrus ciliaris*	0.5	2
**Aerva javanica*		+
Arivela viscosa		+
Cucumis variabilis		+
Cymbopogon ambiguus		+
Grevillea pyramidalis subsp. *leucadendron*		+
Tinospora smilacina		+
Triodia epactia		+

Site 032

Date	10 April 2022
Botanist	Catherine Krens and Megan Young
Quadrat Size	50 x 50 m
NW Corner Coordinates	755700mE 7638419mN
Vegetation Unit	**ChTe** - ?*Corymbia hamersleyana* and *Brachychiton acuminatus* Low Isolated Trees over *Triodia epactia*, **Cenchrus ciliaris* and *Cymbopogon ambiguus* Sparse Mid Hummock Grassland.
Slope	Steep
Landform	Basalt ridge
Soil Colour	Brown
Soil Type	Clay sand
Litter	7%
Bare Ground	90%
Fire Age	3-5 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Livestock, Weeds



Species	Height (m)	% Cover
?Corymbia hamersleyana	3.5	2
Grevillea pyramidalis subsp. *leucadendron*	2.2	0.2
**Cenchrus ciliaris*	0.3	1
Triodia epactia	0.2	0.2
**Aerva javanica*		+
Aristida burbidgeae		+
Arivela viscosa		+
Cajanus ?cinereus		+
Corchorus parviflorus		+
Cucumis variabilis		+
Cymbopogon ambiguus		+
Hibiscus coatesii		+
Ptilotus auriculifolius		+
Tinospora smilacina		+
Tribulus suberosus		+
Triumfetta maconochieana		+

Site 033

Date	10 April 2022
Botanist	Catherine Krens and Megan Young
Quadrat Size	50 x 50 m
NW Corner Coordinates	756080mE 7639225mN
Vegetation Unit	**ChTe** - ?*Corymbia hamersleyana* and *Brachychiton acuminatus* Low Isolated Trees over *Triodia epactia*, **Cenchrus ciliaris* and *Cymbopogon ambiguus* Sparse Mid Hummock Grassland.
Slope	Steep
Landform	Basalt ridge
Soil Colour	Brown
Soil Type	Clay sand
Litter	7%
Bare Ground	90%
Fire Age	3-5 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Livestock, weeds



Species	Height (m)	% Cover
?*Corymbia hamersleyana*	3	10.5
Triodia wiseana	0.2	2
Adriana tomentosa ?var. *tomentosa*		+
Aristida burbidgeae		+
Arivela viscosa		+
Bonamia pilbarensis		+
Brachychiton acuminatus		+
Cajanus ?*cinereus*		+
**Cenchrus ciliaris*		+
Corchorus parviflorus		+
Cucumis variabilis		+
Cymbopogon ambiguus		+
Cyperus bifax		+
Eriachne helmsii		+
Gossypium australe		+
Iseilema membranaceum		+
Malvaceae sp.		+
Pentalepis trichodesmoides subsp. *trichodesmoides*		+
Ptilotus auriculifolius		+
Rhynchosia minima		+
Senna glutinosa subsp. *glutinosa*		+
Solanum phlomoides		+
Triumfetta maconochieana		+

Site 034

Date	10 April 2022
Botanist	Daniel Roberts and Kelly Hopkinson
Quadrat Size	20 x 125 m
NW Corner Coordinates	760691mE 7640959mN
Vegetation Unit	**ChAtTe** - *Corymbia hamersleyana* Low Isolated Trees over *Acacia tumida* var. *pilbarensis, Acacia adsurgens* and *Grevillea wickhamii* subsp. *aprica* Tall Shrubland over *Triodia epactia* Open Mid Hummock Grassland.
Slope	Flat
Landform	Minor drainage line
Soil Colour	Red brown
Soil Type	Sandy loam
Litter	15%
Bare Ground	40%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Nil



Species	Height (m)	% Cover
Corymbia hamersleyana	5	1
Acacia tumida var. *pilbarensis*	2.5	40
Grevillea wickhamii subsp. *aprica*	2.5	10
Triodia epactia	0.5	25
Corchorus parviflorus	0.5	5
Chrysopogon fallax	0.5	2
Acacia ptychophylla		+
Acacia inaequilatera		+
Afrohybanthus aurantiacus		+
Boerhavia burbidgeana		+
Corchorus laniflorus		+
Crotalaria medicaginea var. *neglecta*		+
Cucumis variabilis		+
Cullen pustulatum		+
Cymbopogon ambiguus		+
Ehretia saligna var. *saligna*		+
Eriachne mucronata		+
Euphorbia trigonosperma		+
Euploca tenuifolia		+
Gossypium australe		+
Gossypium robinsonii		+
Grevillea pyramidalis subsp. *leucadendron*		+
Indigofera monophylla		+
Notoleptopus decaisnei		+
Polymeria ? mollis		+
Polymeria mollis		+
Ptilotus astrolasius		+
Rhynchosia sp.		+
Senna artemisioides subsp. *oligophylla*		+
Senna notabilis		+
Sida fibulifera		+
Solanum ? phlomoides		+
Tephrosia rosea ?var. *clementii*		+
Trichodesma zeylanicum		+
Trigastrotheca molluginea		+
Triumfetta appendiculata		+

Site 035

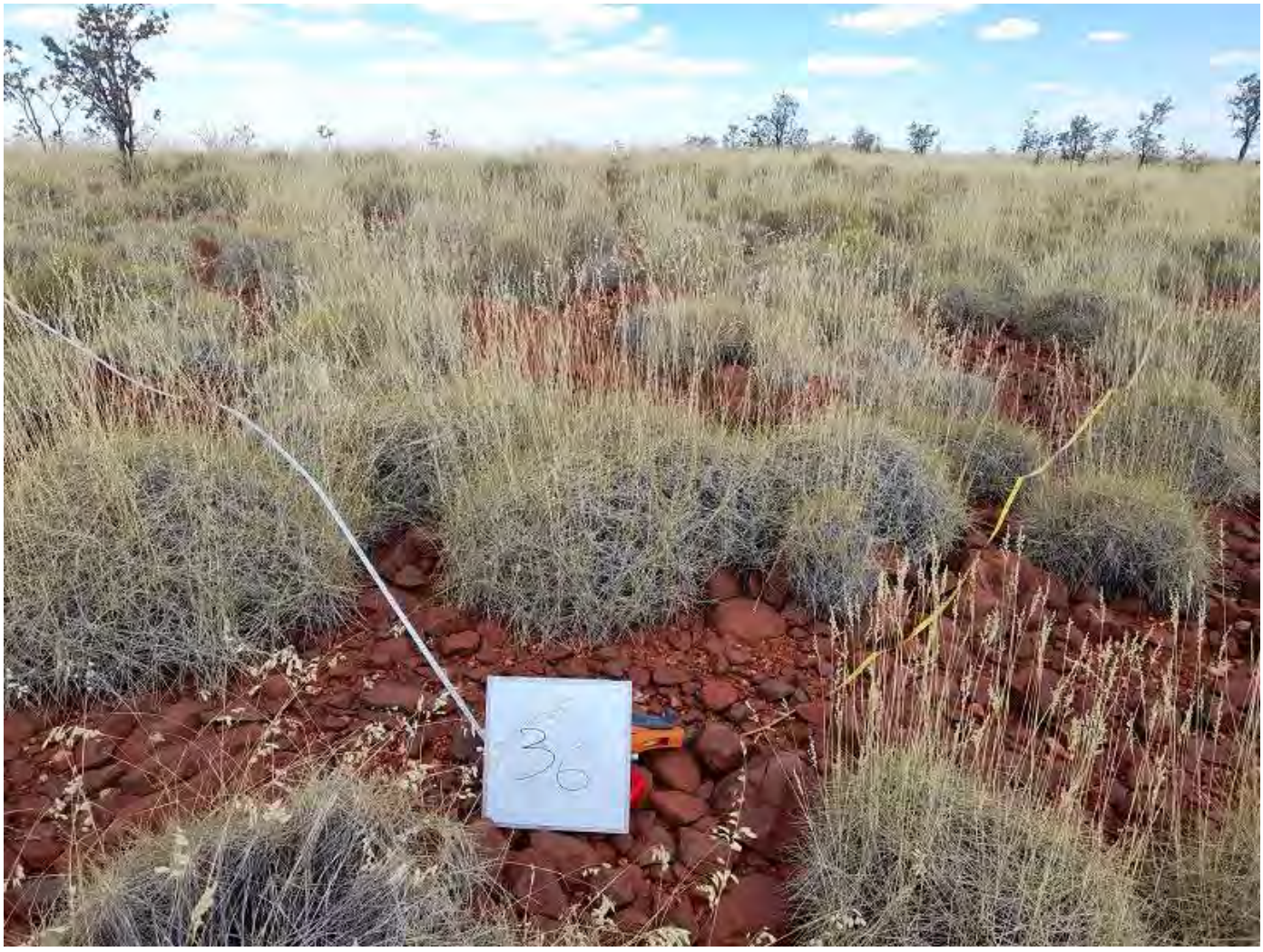
Date	10 April 2022
Botanist	Daniel Roberts and Kelly Hopkinson
Quadrat Size	50 x 50 m
NW Corner Coordinates	761368mE 7638289mN
Vegetation Unit	**AiCpTb** - *Acacia inaequilatera* Tall Sparse Shrubland over *Corchorus parviflorus* Low Sparse Shrubland over *Triodia brizoides* Low Hummock Grassland.
Slope	Gentle
Landform	Hill crest
Soil Colour	Red Brown
Soil Type	Sandy loam
Litter	1%
Bare Ground	60%
Fire Age	1-3 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Fire



Species	Height (m)	% Cover
Acacia inaequilatera	4	5
Triodia brizoides	0.5	25
Corchorus parviflorus	0.5	5
Triodia epactia	0.3	5
Boerhavia burbidgeana		+
**Citrullus colocynthis*		+
Euphorbia boophthona		+
Euphorbia careyi		+
Grevillea pyramidalis subsp. *leucadendron*		+
Indigofera monophylla		+
Pentalepis trichodesmoides subsp. *trichodesmoides*		+
Tephrosia sp. D Kimberley Flora (R.D. Royce 1848)		+
Trichodesma zeylanicum		+

Site 036

Date	10 April 2022
Botanist	Daniel Roberts and Kelly Hopkinson
Quadrat Size	50 x 50 m
NW Corner Coordinates	764958mE 7642552mN
Vegetation Unit	**AiCpTb** - *Acacia inaequilatera* Tall Sparse Shrubland over *Corchorus parviflorus* Low Sparse Shrubland over *Triodia brizoides* Low Hummock Grassland.
Slope	Gentle
Landform	Hill crest
Soil Colour	Red brown
Soil Type	Sandy loam
Litter	1%
Bare Ground	60%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Nil



Species	Height (m)	% Cover
Acacia inaequilatera	4	5
Triodia brizoides	0.5	40
Boerhavia burbidgeana		+
Corchorus laniflorus		+
Corchorus parviflorus		+
Euphorbia boophthona		+
Indigofera monophylla		+
Senna glutinosa subsp. *glutinosa*		+
Senna glutinosa subsp. *pruinosa*		+
Solanum lasiophyllum		+
Trigastrotheca molluginea		+

Site 037

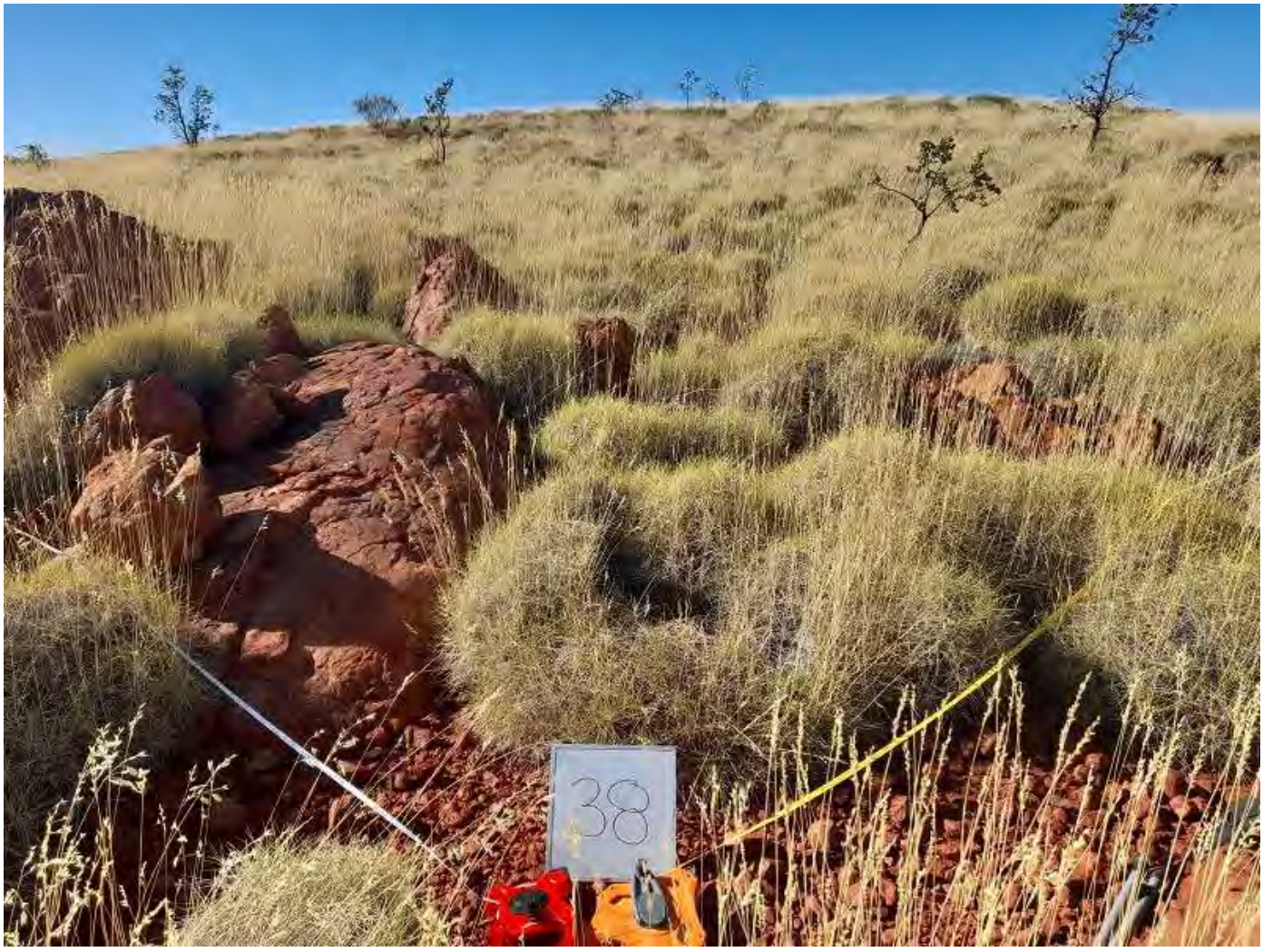
Date	10 April 2022
Botanist	Daniel Roberts and Kelly Hopkinson
Quadrat Size	25 x 100 m
NW Corner Coordinates	766729mE 7643480mN
Vegetation Unit	**EvMlTe** - *Eucalyptus victrix* Mid Woodland over *Melaleuca linophylla, Melaleuca glomerata* and *Acacia* spp. Tall Open Shrubland over *Triodia epactia, Triodia longiceps* and **Cenchrus ciliaris* Open Mid Hummock Grassland.
Slope	Flat
Landform	Medium/ Major Drainage line
Soil Colour	Light brown
Soil Type	Sandy loam
Litter	15%
Bare Ground	40%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Weeds,Livestock



Species	Height (m)	% Cover
Eucalyptus victrix	10	15
Melaleuca linophylla	4	35
Triodia longiceps	1	20
Cyperus vaginatus	0.5	20
Acacia acradenia		+
Acacia coriacea subsp. *pendens*		+
Acacia pyrifolia var. *pyrifolia*		+
Acacia trachycarpa		+
Atalaya hemiglauca		+
Boerhavia burbidgeana		+
**Calotropis procera*		+
**Cenchrus ciliaris*		+
Corchorus parviflorus		+
Cullen pustulatum		+
Cymbopogon ambiguus		+
Enneapogon lindleyanus		+
Eriachne tenuiculmis		+
Euphorbia trigonosperma		+
Flueggea virosa subsp. *melanthesoides*		+
Indigofera monophylla		+
Isotropis atropurpurea		+
Ptilotus incanus		+
Rhynchosia sp.		+
Stemodia grossa		+
Tephrosia rosea ?var. *clementii*		+
Themeda triandra		+
Triodia epactia		+
Triumfetta appendiculata		+
Vigna lanceolata var. *lanceolata*		+

Site 038

Date	7 April 2022
Botanist	Daniel Roberts and Kelly Hopkinson
Quadrat Size	50 x 50 m
NW Corner Coordinates	767478mE 7636838mN
Vegetation Unit	**AiCpTb** - *Acacia inaequilatera* Tall Sparse Shrubland over *Corchorus parviflorus* Low Sparse Shrubland over *Triodia brizoides* Low Hummock Grassland.
Slope	Gentle
Landform	Undulating hill top
Soil Colour	Dark brown
Soil Type	Sandy loam
Litter	1%
Bare Ground	40%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Nil



Species	Height (m)	% Cover
Acacia inaequilatera	3	4
Triodia brizoides	1	40
Acacia ptychophylla	0.5	3
Acacia adsurgens		+
Bonamia pilbarensis		+
Codonocarpus cotinifolius		+
Dampiera candicans		+
Grevillea pyramidalis subsp. *leucadendron*		+
Hakea lorea subsp. *lorea*		+
Senna glutinosa subsp. *glutinosa*		+

Site 039

Date	7 April 2022
Botanist	Daniel Roberts and Kelly Hopkinson
Quadrat Size	25 x 100 m
NW Corner Coordinates	767196mE 7637055mN
Vegetation Unit	**ChAtTe** - *Corymbia hamersleyana* Low Isolated Trees over *Acacia tumida* var. *pilbarensis, Acacia adsurgens* and *Grevillea wickhamii* subsp. *aprica* Tall Shrubland over *Triodia epactia* Open Mid Hummock Grassland.
Slope	Gentle
Landform	Minor drainage line
Soil Colour	Red brown
Soil Type	Sand
Litter	5%
Bare Ground	30%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Nil



Species	Height (m)	% Cover
Corymbia hamersleyana	5	1
Acacia adsurgens	3	15
Grevillea wickhamii subsp. *aprica*	2.5	10
Triodia epactia	1	20
Themeda triandra	1	5
**Cenchrus ciliaris*	0.5	5
Acacia bivenosa		+
Afrohybanthus aurantiacus		+
Cajanus cinereus		+
**Cenchrus setiger*		+
Corchorus laniflorus		+
Corchorus parviflorus		+
Cymbopogon ambiguus		+
Dampiera candicans		+
Eriachne mucronata		+
Goodenia stobbsiana		+
Gossypium australe		+
Paraneurachne muelleri		+
Polycarpaea longiflora		+
Polymeria ?mollis		+
Tephrosia rosea ?var. *clementii*		+
Trigastrotheca molluginea		+
Triodia brizoides		+

Site 040

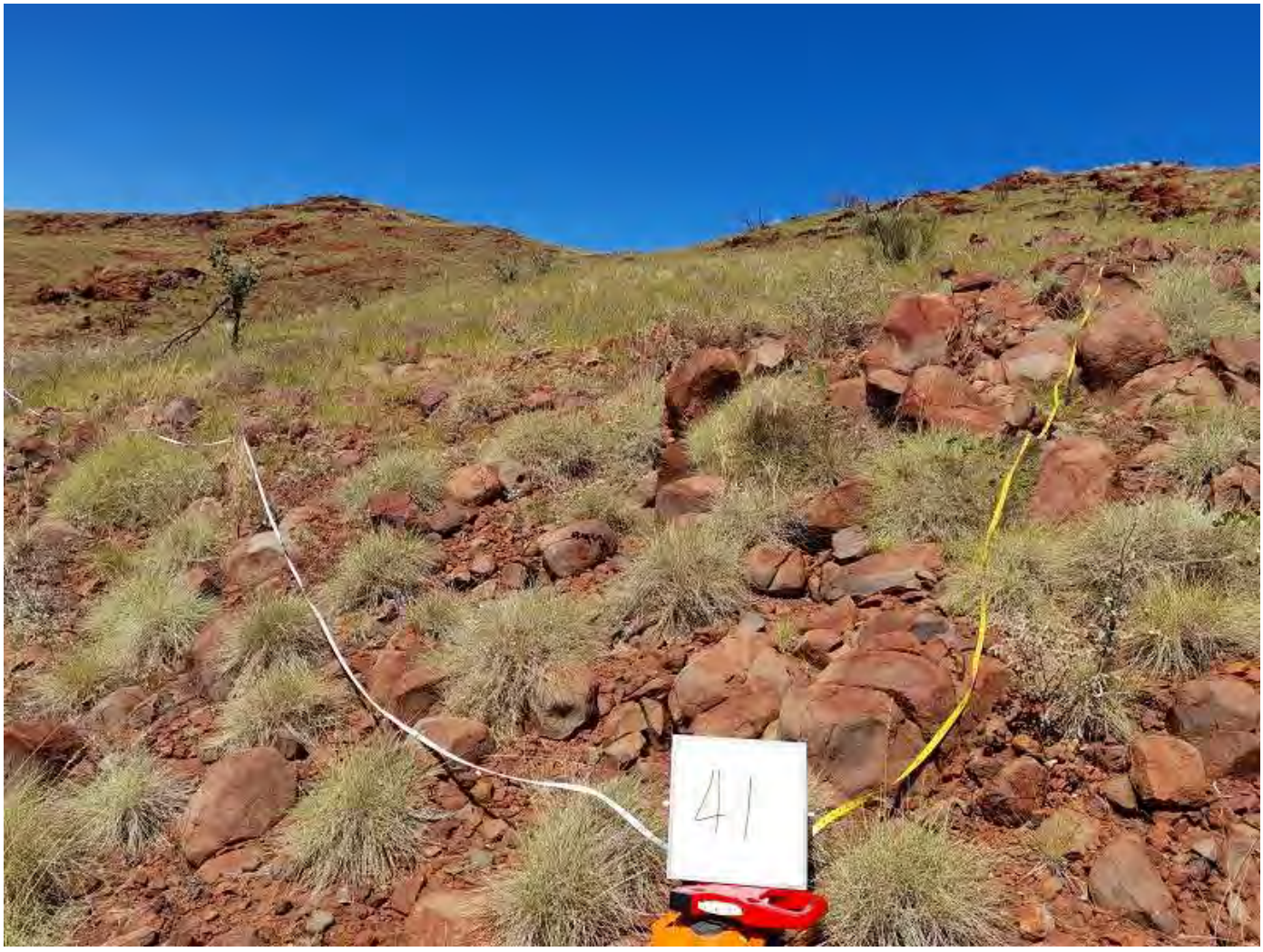
Date	7 April 2022
Botanist	Daniel Roberts and Kelly Hopkinson
Quadrat Size	20 x 125 m
NW Corner Coordinates	767588mE 7637572mN
Vegetation Unit	**EvMlTe** - *Eucalyptus victrix* Mid Woodland over *Melaleuca linophylla, Melaleuca glomerata* and *Acacia* spp. Tall Open Shrubland over *Triodia epactia, Triodia longiceps* and **Cenchrus ciliaris* Open Mid Hummock Grassland.
Slope	Flat
Landform	Medium drainage line
Soil Colour	Light brown
Soil Type	Sand
Litter	5%
Bare Ground	60%
Fire Age	3-5 Years
Vegetation Condition	Good
Disturbances/Impacts	Weeds,Livestock



Species	Height (m)	% Cover
Eucalyptus victrix	15	10
Atalaya hemiglauca	3.5	5
Pluchea ferdinandi-muelleri	2.5	5
**Cenchrus ciliaris*	0.5	30
Eriachne mucronata	0.5	5
Themeda triandra	0.5	5
Acacia colei var. *colei*		+
Acacia pyrifolia var. *pyrifolia*		+
Acacia trachycarpa		+
**Aerva javanica*		+
Boerhavia burbidgeana		+
Cassytha capillaris		+
**Cenchrus setiger*		+
Corchorus laniflorus		+
Corchorus parviflorus		+
Cymbopogon ambiguus		+
Cyperus vaginatus		+
Flueggea virosa subsp. *melanthesoides*		+
Melaleuca linophylla		+
Melhania oblongifolia		+
Nellica maderaspatensis		+
Polymeria ? mollis		+
Ptilotus incanus		+
Rhynchosia minima		+
Senna glutinosa subsp. *glutinosa*		+
Senna notabilis		+
Solanum horridum		+
Stemodia grossa		+
Triodia brizoides		+
Triodia epactia		+
Triodia longiceps		+

Site 041

Date	7 April 2022
Botanist	Daniel Roberts and Kelly Hopkinson
Quadrat Size	50 x 50 m
NW Corner Coordinates	768965mE 7638791mN
Vegetation Unit	**AiCpTb** - *Acacia inaequilatera* Tall Sparse Shrubland over *Corchorus parviflorus* Low Sparse Shrubland over *Triodia brizoides* Low Hummock Grassland.
Slope	Moderate
Landform	Undulatiny hills, midslope
Soil Colour	Red Brown
Soil Type	Sandy loam
Litter	1%
Bare Ground	40%
Fire Age	1-3 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Nil



Species	Height (m)	% Cover
Acacia inaequilatera	3	2
Triodia wiseana	0.5	30
Corchorus parviflorus	0.5	3
Abutilon sp. Dioicum (A.A. Mitchell PRP 1618)		+
Acacia bivenosa		+
Bonamia pilbarensis		+
Corchorus laniflorus		+
Cullen sp.		+
Cymbopogon ambiguus		+
Dampiera candicans		+
Eriachne mucronata		+
Fimbristylis dichotoma		+
Hakea lorea subsp. *lorea*		+
Ptilotus exaltatus		+
Rhynchosia sp.		+
Senna glutinosa subsp. *pruinosa*		+
Senna notabilis		+
Senna symonii		+
Sida sp. Pilbara (A.A. Mitchell PRP 1543)		+
Tribulus suberosus		+

Site 042

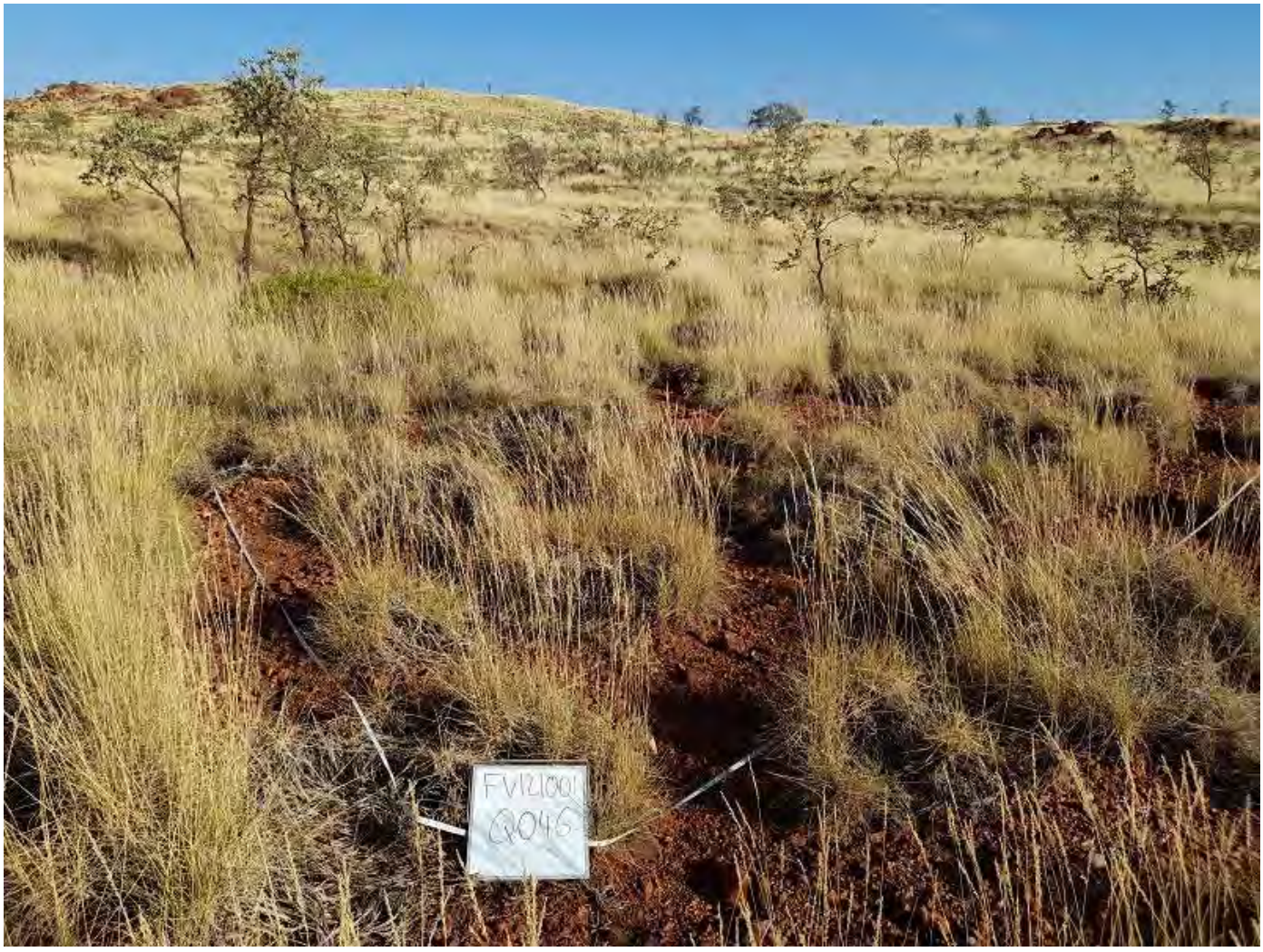
Date	7 April 2022
Botanist	Daniel Roberts and Kelly Hopkinson
Quadrat Size	50 x 50 m
NW Corner Coordinates	769077mE 7639200mN
Vegetation Unit	**AiTe** - *Acacia inaequilatera* and *Grevillea wickhamii* subsp. *aprica* Tall Sparse Shrubland over *Triodia epactia* and *Triodia brizoides* Mid Hummock Grassland.
Slope	Gentle
Landform	Foothills
Soil Colour	Red brown
Soil Type	Sandy loam
Litter	1%
Bare Ground	30%
Fire Age	1-3 years
Vegetation Condition	Excellent
Disturbances/Impacts	Fire



Species	Height (m)	% Cover
Acacia inaequilatera	1.5	2
Triodia epactia	0.5	40
Triodia wiseana	0.5	15
Corchorus parviflorus	0.3	5
Afrohybanthus aurantiacus		+
Atalaya hemiglauca		+
Bonamia pilbarensis		+
Corchorus laniflorus		+
Corymbia hamersleyana		+
Cucumis variabilis		+
Cymbopogon ambiguus		+
Dampiera candicans		+
Eriachne mucronata		+
Hibiscus leptocladus		+
Indigofera monophylla		+
Ptilotus exaltatus		+
Rhynchosia minima		+
Senna glutinosa subsp. *pruinosa*		+

Site 046

Date	12 April 2022
Botanist	Catherine Krens and Megan Young
Quadrat Size	50 x 50 m
NW Corner Coordinates	722134mE 7639362mN
Vegetation Unit	**AiTe** - *Acacia inaequilatera* and *Grevillea wickhamii* subsp. *aprica* Tall Sparse Shrubland over *Triodia epactia* and *Triodia brizoides* Mid Hummock Grassland.
Slope	Flat
Landform	Power hill
Soil Colour	Brown orange
Soil Type	Sandy loam
Litter	2%
Bare Ground	30%
Fire Age	5-10 Years
Vegetation Condition	Good
Disturbances/Impacts	Livestock, Weeds



Species	Height (m)	% Cover
Acacia inaequilatera	2.7	3
Triodia epactia	0.3	50
Acacia ptychophylla		+
Acacia trachycarpa		+
Adriana tomentosa ?var. *tomentosa*		+
Boerhavia coccinea		+
**Cenchrus ciliaris*		+
Euphorbia australis var. *subtomentosa*		+
Grevillea pyramidalis subsp. *leucadendron*		+
Grevillea wickhamii		+
Indigofera monophylla		+
Senna artemisioides subsp. *helmsii*		+
Senna artemisioides subsp. *oligophylla*		+
Senna glutinosa subsp. *glutinosa*		+
Senna notabilis		+
Sporobolus australasicus		+
Trachymene pilbarensis		+

Site 047

Date	12 April 2022
Botanist	Catherine Krens and Megan Young
Quadrat Size	50 x 50 m
NW Corner Coordinates	774643mE 7640537mN
Vegetation Unit	**ChTl** - *Corymbia hamersleyana* Low Isolated Trees over Mixed *Acacia* spp. Tall Sparse Shrubland over *Triodia longiceps* and *Triodia wiseana* Low Open Hummock Grassland.
Slope	Flat
Landform	Floodplain
Soil Colour	Brown
Soil Type	Clay sand
Litter	2%
Bare Ground	15%
Fire Age	5-10 Years
Vegetation Condition	Good
Disturbances/Impacts	Livestock, Weeds



Species	Height (m)	% Cover
?*Corymbia hamersleyana*	5	2
Acacia pyrifolia var. *pyrifolia*	1.7	0.5
Acacia bivenosa	1.2	5
Triodia longiceps	0.5	35
Eriachne tenuiculmis	0.3	10
Triodia wiseana	0.3	10
Abutilon sp. Dioicum (A.A. Mitchell PRP 1618)		+
Acacia inaequilatera		+
Acacia trachycarpa		+
Boerhavia coccinea		+
Bonamia pannosa		+
Cassytha capillaris		+
**Cenchrus ciliaris*		+
Corchorus parviflorus		+
Cucumis variabilis		+
Cyperus sp.		+
Euphorbia ?australis		+
Pluchea ferdinandi-muelleri		+
Pterocaulon serrulatum var. *velutinum*		+
Ptilotus sp.		+
Senna notabilis		+
Solanum phlomoides		+
Sporobolus australasicus		+
Stemodia grossa		+
Tephrosia sp. NW Eremaean (S. van Leeuwen et al. PBS 0356)		+
Trianthema triquetrum		+

Site 048

Date	12 April 2022
Botanist	Catherine Krens and Megan Young
Quadrat Size	50 x 50 m
NW Corner Coordinates	775721mE 7641763mN
Vegetation Unit	**ChTl** - *Corymbia hamersleyana* Low Isolated Trees over Mixed *Acacia* spp. Tall Sparse Shrubland over *Triodia longiceps* and *Triodia wiseana* Low Open Hummock Grassland.
Slope	Flat
Landform	Plain
Soil Colour	Brown
Soil Type	Clay sand
Litter	5%
Bare Ground	40%
Fire Age	5-10 Years
Vegetation Condition	Good
Disturbances/Impacts	Livestock, Weeds



Species	Height (m)	% Cover
?*Corymbia hamersleyana*	4	1
Acacia inaequilatera	2.8	0.5
Acacia pyrifolia var. *pyrifolia*	2.5	0.5
Triodia longiceps	0.4	30
Eriachne tenuiculmis	0.2	15
Triodia wiseana	0.2	15
Acacia bivenosa		+
Acacia trachycarpa		+
Adriana tomentosa ?var. *tomentosa*		+
Atalaya hemiglauca		+
Boerhavia coccinea		+
Bonamia pannosa		+
Bonamia sp.		+
**Cenchrus ciliaris*		+
**Cenchrus setiger*		+
Euphorbia australis var. *subtomentosa*		+
Indigofera monophylla		+
Ipomoea muelleri		+
Pentalepis trichodesmoides subsp. *trichodesmoides*		+
Petalostylis labicheoides		+
Senna artemisioides subsp. *helmsii*		+
Trianthema triquetrum		+
**Vachellia farnesiana*		+

Site 049

Date	12 April 2022
Botanist	Catherine Krens and Megan Young
Quadrat Size	50 x 50 m
NW Corner Coordinates	777348mE 7642947mN
Vegetation Unit	**ChTl** - *Corymbia hamersleyana* Low Isolated Trees over Mixed *Acacia* spp. Tall Sparse Shrubland over *Triodia longiceps* and *Triodia wiseana* Low Open Hummock Grassland.
Slope	Flat
Landform	Plain
Soil Colour	Red brown
Soil Type	Sandy loam
Litter	5%
Bare Ground	65%
Fire Age	5-10 Years
Vegetation Condition	Good
Disturbances/Impacts	Livestock, Weeds



Species	Height (m)	% Cover
Acacia ancistrocarpa	2.2	3
Triodia epactia	0.2	20
Abutilon lepidum		+
Acacia bivenosa		+
Adriana tomentosa ?var. *tomentosa*		+
Boerhavia coccinea		+
Bonamia sp.		+
**Cenchrus ciliaris*		+
Corchorus parviflorus		+
Enneapogon caerulescens		+
Eriachne ciliata		+
Euphorbia coghlanii		+
Grevillea wickhamii		+
Indigofera monophylla		+
Petalostylis labicheoides		+
Ptilotus calostachyus		+
Rhynchosia sp.		+
Senna artemisioides subsp. *oligophylla*		+
Senna glutinosa subsp. *glutinosa*		+
Senna glutinosa subsp. x *luerssenii*		+
Senna notabilis		+
Sida echinocarpa		+
Sida sp. *Pilbara* (A.A. Mitchell PRP 1543)		+

Site 050

Date	12 April 2022
Botanist	Catherine Krens and Megan Young
Quadrat Size	50 x 50 m
NW Corner Coordinates	777892mE 7643986mN
Vegetation Unit	**ChTl** - *Corymbia hamersleyana* Low Isolated Trees over Mixed *Acacia* spp. Tall Sparse Shrubland over *Triodia longiceps* and *Triodia wiseana* Low Open Hummock Grassland.
Slope	Flat
Landform	Plain
Soil Colour	Brown orange
Soil Type	Clay sand
Litter	1%
Bare Ground	65%
Fire Age	5-10 Years
Vegetation Condition	Good
Disturbances/Impacts	Livestock, Weeds



Species	Height (m)	% Cover
Acacia synchronicia	1.2	1
Triodia longiceps	0.3	15
Eriachne tenuiculmis	0.1	3
Triodia wiseana	0.1	3
Acacia bivenosa		+
Arivela viscosa		+
Boerhavia coccinea		+
**Cenchrus ciliaris*		+
Corchorus parviflorus		+
Iseilema dolichotrichum		+
Petalostylis labicheoides		+
Pluchea tetranthera		+
Rhynchosia sp.		+
Senna artemisioides subsp. *helmsii*		+
Senna notabilis		+
Sida fibulifera		+
Sida rohlenae subsp. *rohlenae*		+
Sporobolus australasicus		+
Tephrosia clementii		+
**Vachellia farnesiana*		+

Site 051

Date	12 April 2022
Botanist	Catherine Krens and Megan Young
Quadrat Size	50 x 50 m
NW Corner Coordinates	778224mE 7644304mN
Vegetation Unit	**ChTl** - *Corymbia hamersleyana* Low Isolated Trees over Mixed *Acacia* spp. Tall Sparse Shrubland over *Triodia longiceps* and *Triodia wiseana* Low Open Hummock Grassland.
Slope	Flat
Landform	Plain
Soil Colour	Light brown orange
Soil Type	Clay sand
Litter	1%
Bare Ground	45%
Fire Age	5-10 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Livestock, Weeds



Species	Height (m)	% Cover
Acacia ancistrocarpa	2.5	1
Acacia bivenosa	2	3
Triodia longiceps	0.5	35
Eriachne tenuiculmis	0.2	7
Triodia wiseana	0.2	7
?*Corymbia hamersleyana*		+
Acacia inaequilatera		+
Acacia synchronicia		+
Cassytha capillaris		+
**Cenchrus ciliaris*		+
Corchorus parviflorus		+
Euploca chrysocarpa		+
Goodenia muelleriana		+
Goodenia sp.		+
Grevillea wickhamii		+
Indigofera monophylla		+
Paraneurachne muelleri		+
Pluchea tetranthera		+
Polymeria mollis		+
Pterocaulon serrulatum var. *velutinum*		+
Ptilotus calostachyus		+
Scaevola ?*amblyanthera* var. *centralis*		+
Scaevola amblyanthera var. *centralis*		+
Senna artemisioides subsp. *helmsii*		+
Senna notabilis		+
Senna symonii		+

Site 052

Date	12 April 2022
Botanist	Megan Gray and Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	780113mE 7647303mN
Vegetation Unit	**EcMa** - *Eucalyptus camaldulensis subsp. refulgens* and *Melaleuca argentea* Open Mid Woodland over *Acacia sericophylla*, *Acacia trachycarpa*, *Melaleuca glomerata* and *Melaleuca linophylla* Tall Sparse Shrubland over **Cenchrus setiger* and *Triodia longiceps* Sparse Mid Tussock Grassland.
Slope	Gentle
Landform	Major drainage
Soil Colour	Brown
Soil Type	Sandy loam
Litter	5%
Bare Ground	70%
Fire Age	5-10 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Livestock, weeds



Species	Height (m)	% Cover
Eucalyptus camaldulensis subsp. *refulgens*	12	12
Melaleuca argentea	9	2
Melaleuca linophylla	2.5	15
Dichanthium fecundum	1.6	4
**Cenchrus setiger*	0.8	2
Cyperus bifax	0.8	2
Acacia ampliceps		+
Acacia sericophylla		+
Acacia trachycarpa		+
Amaranthus undulatus		+
Ammannia sp.		+
Arivela viscosa		+
Atalaya hemiglauca		+
Basilicum polystachyon		+
Boerhavia coccinea		+
Calandrinia tepperiana		+
Corchorus tridens		+
**Cynodon dactylon*		+
Cyperus squarrosus		+
Eragrostis exigua		+
Eriachne flaccida		+
Euphorbia australis var. *subtomentosa*		+
Euphorbia coghlanii		+
Fimbristylis elegans		+
Goodenia lamprosperma		+
Gossypium australe		+
Ipomoea muelleri		+
Kirganelia baccata		+
Ludwigia perennis		+
Marsilea sp.		+
Petalostylis labicheoides		+
Pluchea rubelliflora		+
Sesbania formosa		+
Stemodia grossa		+
Stemodia viscosa		+
Vigna lanceolata var. *lanceolata*		+

Site 053

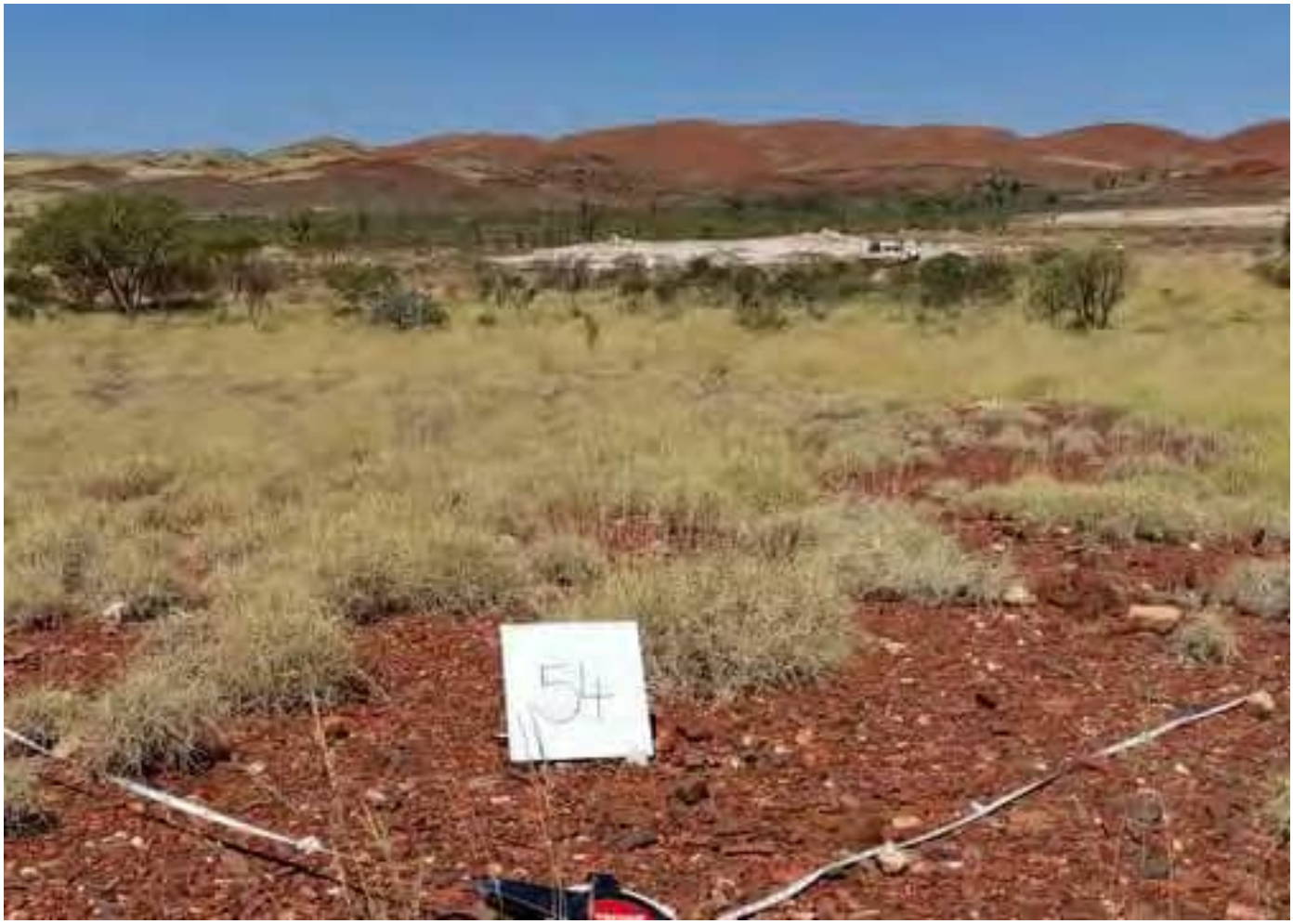
Date	13 April 2022
Botanist	Megan Gray and Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	780384mE 7647385mN
Vegetation Unit	**EcMa** - *Eucalyptus camaldulensis subsp. refulgens* and *Melaleuca argentea* Open Mid Woodland over *Acacia sericophylla*, *Acacia trachycarpa*, *Melaleuca glomerata* and *Melaleuca linophylla* Tall Sparse Shrubland over **Cenchrus setiger* and *Triodia longiceps* Sparse Mid Tussock Grassland.
Slope	Gentle
Landform	Major drainage
Soil Colour	Brown
Soil Type	Sandy loam
Litter	5%
Bare Ground	80%
Fire Age	5-10 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Livestock, weeds



Species	Height (m)	% Cover
Eucalyptus camaldulensis subsp. *refulgens*	9	3
Melaleuca glomerata	2.5	15
Melaleuca linophylla	2	0.5
Eriachne flaccida	0.6	3
Acacia sericophylla		+
Acacia trachycarpa		+
Alternanthera denticulata		+
Amaranthus undulatus		+
Arivela viscosa		+
Atalaya hemiglauca		+
Boerhavia coccinea		+
Calandrinia tepperiana		+
**Calotropis procera*		+
Chrysopogon fallax		+
Cullen pustulatum		+
Cyperus bifax		+
Cyperus squarrosus		+
Dactyloctenium radulans		+
Eragrostis exigua		+
Eucalyptus victrix		+
Euphorbia coghlanii		+
Ipomoea muelleri		+
Kirganelia baccata		+
Marsilea sp.		+
Notoleptopus decaisnei		+
Operculina aequisepala		+
Paspalidium jubiflorum		+
Petalostylis labicheoides		+
Pluchea ferdinandi-muelleri		+
Pluchea rubelliflora		+
Sesbania formosa		+
Stemodia grossa		+
Stemodia viscosa		+
Vigna lanceolata var. *lanceolata*		+

Site 054

Date	14 April 2022
Botanist	Megan Gray and Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	794627mE 7638693mN
Vegetation Unit	**Tw1** - *Triodia wiseana* Low Hummock Grassland.
Slope	Moderate
Landform	Lower slope
Soil Colour	Red, Orange brown
Soil Type	Loam
Litter	0.5%
Bare Ground	65%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Nil



Species	Height (m)	% Cover
Triodia wiseana	0.6	40
Arivela viscosa		+
Grevillea pyramidalis subsp. *leucadendron*		+
Ptilotus astrolasius		+
Ptilotus exaltatus		+
Hakea lorea subsp. *lorea*		

Site 055

Date	15 April 2022
Botanist	Megan Gray and Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	792036mE 7634175mN
Vegetation Unit	**EcMa** - *Eucalyptus camaldulensis subsp. refulgens* and *Melaleuca argentea* Open Mid Woodland over *Acacia sericophylla*, *Acacia trachycarpa*, *Melaleuca glomerata* and *Melaleuca linophylla* Tall Sparse Shrubland over **Cenchrus setiger* and *Triodia longiceps* Sparse Mid Tussock Grassland.
Slope	Gentle
Landform	Major Drainage
Soil Colour	Orange brown
Soil Type	Sandy loam
Litter	5%
Bare Ground	80%
Fire Age	>10 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Livestock, weeds



Species	Height (m)	% Cover
Eucalyptus camaldulensis subsp. *refulgens*	10	8
Atalaya hemiglauca	6	1
Acacia trachycarpa	4	2
Melaleuca argentea	4	1
**Cenchrus setiger*	0.6	4
Triodia angusta	0.6	1
Cyperus vaginatus	0.5	1
?*Pluchea rubelliflora*		+
Acacia ampliceps		+
Acacia inaequilatera		+
Acacia sericophylla		+
Ammannia sp.		+
Arivela viscosa		+
Boerhavia coccinea		+
Bulbostylis barbata		+
Calandrinia tepperiana		+
**Chloris barbata*		+
**Cynodon dactylon*		+
Cyperus cunninghamii subsp. *cunninghamii*		+
Cyperus squarrosus		+
Dichanthium fecundum		+
Diplachne fusca subsp. *fusca*		+
Fimbristylis elegans		+
Goodenia lamprosperma		+
Gossypium australe		+
Ipomoea muelleri		+
Melaleuca linophylla		+
Notoleptopus decaisnei		+
Olearia fluvialis		+
Sida ? fibulifera		+
Sporobolus australasicus		+
Vigna lanceolata var. *lanceolata*		+

Site 056

Date	7 April 2022
Botanist	Megan Gray and Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	791995mE 7634158mN
Vegetation Unit	**EcMa** - *Eucalyptus camaldulensis subsp. refulgens* and *Melaleuca argentea* Open Mid Woodland over *Acacia sericophylla*, *Acacia trachycarpa*, *Melaleuca glomerata* and *Melaleuca linophylla* Tall Sparse Shrubland over **Cenchrus setiger* and *Triodia longiceps* Sparse Mid Tussock Grassland.
Slope	Gentle
Landform	Major drainage line
Soil Colour	Orange/light brown
Soil Type	Sand
Litter	2%
Bare Ground	80%
Fire Age	>10 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Livestock, weeds



Species	Height (m)	% Cover
Eucalyptus camaldulensis subsp. *refulgens*	12	1.5
Acacia ampliceps	5	0.5
Acacia trachycarpa	1.5	0.5
Melaleuca linophylla	1.5	0.5
Melaleuca glomerata	1.2	1
Cyperus vaginatus	0.6	1
?*Pluchea rubelliflora*		+
**Aerva javanica*		+
Afrohybanthus aurantiacus		+
Amaranthus undulatus		+
Arivela viscosa		+
Atalaya hemiglauca		+
Calandrinia tepperiana		+
**Calotropis procera*		+
**Cenchrus setiger*		+
Cyperus squarrosus		+
Dactyloctenium radulans		+
Diplachne fusca subsp. *fusca*		+
Dysphania plantaginella		+
Eriachne flaccida		+
Euphorbia coghlanii		+
Goodenia lamprosperma		+
Ipomoea muelleri		+
Nellica maderaspatensis		+
Olearia fluvialis		+
Pluchea rubelliflora		+
Sporobolus australasicus		+
Stemodia grossa		+
Swainsona sp.		+
Vigna lanceolata var. *lanceolata*		+

Site 057

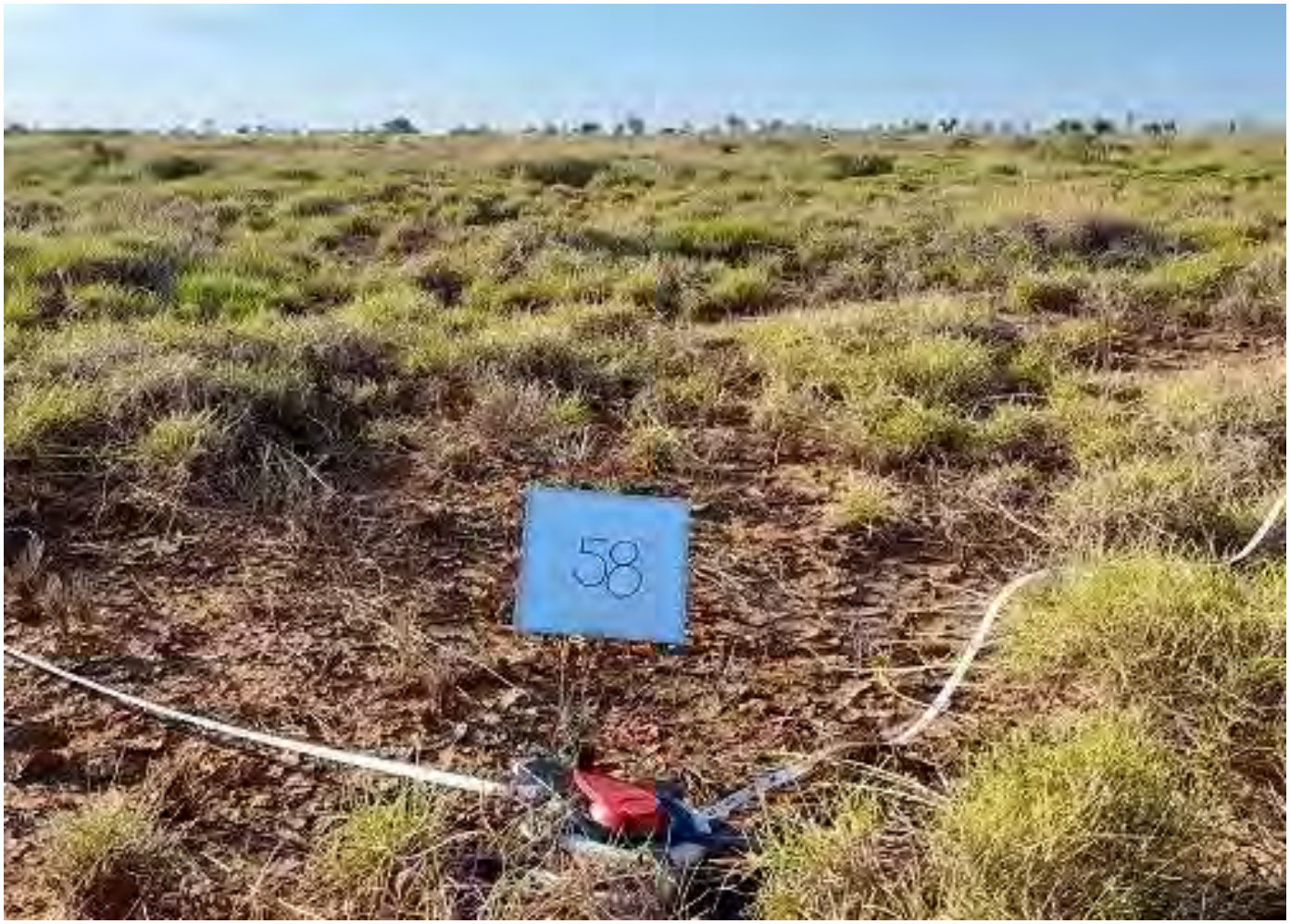
Date	7 April 2022
Botanist	Megan Gray and Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	792664mE 7631456mN
Vegetation Unit	**AsPfTl** - *Acacia stellaticeps* and *Acacia inaequilatera* Low Sparse Shrubland over *Pluchea ferdinandi-muelleri* Isolated Mid Shrubs over *Triodia longiceps* and *Triodia wiseana* Mid Hummock Grassland.
Slope	Flat
Landform	Plain
Soil Colour	Red, orange
Soil Type	Sandy loam
Litter	4%
Bare Ground	40%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Livestock, weeds



Species	Height (m)	% Cover
Acacia inaequilatera	4.5	2
Grevillea pyramidalis subsp. *leucadendron*	4	1.5
Triodia epactia	1.8	50
Corchorus parviflorus	1	0.8
Rhynchosia minima	0.3	1
Acacia colei		+
Boerhavia coccinea		+
**Cenchrus setiger*		+
Chrysopogon fallax		+
Corchorus walcottii		+
Cucumis variabilis		+
Dactyloctenium radulans		+
Euphorbia australis var. *subtomentosa*		+
Evolvulus alsinoides var. *villosicalyx*		+
Goodenia microptera		+
Indigofera linnaei		+
Ipomoea muelleri		+
Pluchea ferdinandi-muelleri		+
Polymeria mollis		+
Pterocaulon sphacelatum		+
Sida spinosa		+
Solanum diversiflorum		+
Tephrosia supina		+
Trigastrotheca molluginea		+
Triumfetta chaetocarpa		+
Triumfetta leptacantha		+

Site 058

Date	10 April 2022
Botanist	Megan Gray and Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	794488mE 7633350mN
Vegetation Unit	**Ts** - *Triodia secunda, Triodia angusta* and *Pluchea ferdinandi-muelleri* Mid Hummock Grassland.
Slope	Flat
Landform	Plain
Soil Colour	Brown
Soil Type	Loam
Litter	8%
Bare Ground	50%
Fire Age	5-10 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Livestock, weeds



Species	Height (m)	% Cover
Triodia angusta	0.8	5
Pluchea ferdinandi-muelleri	0.8	0.5
Corchorus parviflorus	0.8	0.2
Triodia secunda	0.2	32
Acacia ampliceps x *sclerosperma* subsp. *sclerosperma*		+
Acacia inaequilatera		+
**Cenchrus setiger*		+
Corchorus walcottii		+
Eragrostis cumingii		+
Sida fibulifera		+
Sporobolus actinocladus		+

Site 059

Date	12 April 2022
Botanist	Megan Gray and Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	794402mE 7636504mN
Vegetation Unit	**AiCpTe2** - *Acacia inaequilatera, Acacia ancistrocarpa* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Sparse Shrubland over *Corchorus parviflorus* Low Isolated Shrubs over *Triodia epactia* Mid Hummock Grassland.
Slope	Flat
Landform	Plain
Soil Colour	Red brown
Soil Type	Loam
Litter	8%
Bare Ground	40%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Livestock, weeds



Species	Height (m)	% Cover
Grevillea pyramidalis subsp. *leucadendron*	3.5	0.5
Senna notabilis	2.0	0.2
Acacia acradenia	1.8	0.2
Triodia epactia	1.5	60
Acacia ancistrocarpa		+
Acacia bivenosa		+
Aristida contorta		+
Boerhavia coccinea		+
Corchorus parviflorus		+
Corymbia hamersleyana		+
Tephrosia supina		+

Site 060

Date	10 April 2022
Botanist	Megan Gray and Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	795645mE 7631967mN
Vegetation Unit	**EcTl** - *Eucalyptus camaldulensis* subsp. *refulgens* Mid Woodland over *Melaleuca* spp. and *Acacia ampliceps* Tall Sparse Shrubland over *Triodia longiceps* Sparse Mid Hummock Grassland.
Slope	Gentle
Landform	Major drainage
Soil Colour	Light brown
Soil Type	Sand
Litter	5%
Bare Ground	90%
Fire Age	3-5 Years
Vegetation Condition	Good
Disturbances/Impacts	Livestock, weeds



Species	Height (m)	% Cover
Eucalyptus camaldulensis subsp. *refulgens*	7	7
Triodia angusta	1.5	0.8
Acacia ampliceps	1.5	0.5
Cyperus dactylotes	0.6	2
Acacia sericophylla		+
Acacia trachycarpa		+
Amaranthus undulatus		+
Arivela viscosa		+
Bulbostylis barbata		+
Calandrinia tepperiana		+
**Calotropis procera*		+
**Cenchrus setiger*		+
Chrysopogon fallax		+
Commelina ensifolia		+
Corchorus parviflorus		+
Corchorus tridens		+
Crotalaria cunninghamii subsp. *sturtii*		+
Cucumis variabilis		+
Cyperus cunninghamii subsp. *cunninghamii*		+
Eragrostis exigua		+
Euphorbia australis var. *subtomentosa*		+
Hibiscus austrinus var. *austrinus*		+
Ipomoea muelleri		+
Perotis rara		+
Pluchea rubelliflora		+
Senna notabilis		+
Sesbania cannabina		+
Stemodia viscosa		+
Synaptantha tillaeacea var. *tillaeacea*		+
Triodia wiseana		+
Vigna lanceolata var. *lanceolata*		+
Atalaya hemiglauca		Associated
**Vachellia farnesiana*		Associated

Site 061

Date	10 April 2022
Botanist	Megan Gray and Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	798596mE 7628850mN
Vegetation Unit	**AiCpTe2** - *Acacia inaequilatera, Acacia ancistrocarpa* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Sparse Shrubland over *Corchorus parviflorus* Low Isolated Shrubs over *Triodia epactia* Mid Hummock Grassland.
Slope	Gentle
Landform	Plain
Soil Colour	Red, orange
Soil Type	Sandy loam
Litter	0.5%
Bare Ground	70%
Fire Age	3-5 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Livestock



Species	Height (m)	% Cover
Corymbia hamersleyana	4	0.1
Acacia inaequilatera	2	1
Triodia epactia	1.5	15
Corchorus walcottii	0.4	5
Acacia ancistrocarpa		+
Acacia trachycarpa		+
Afrohybanthus aurantiacus		+
Aristida contorta		+
Aristida holathera var. *holathera*		+
Bonamia erecta		+
Cullen stipulaceum		+
Cymbopogon ambiguus		+
Evolvulus alsinoides var. *villosicalyx*		+
Hakea lorea subsp. *lorea*		+
Paraneurachne muelleri		+
Rhynchosia minima		+
Sida sp. Pilbara (A.A. Mitchell PRP 1543)		+
Solanum gabrielae		+
Tephrosia supina		+
Grevillea pyramidalis subsp. *leucadendron*		Associated

Site 063

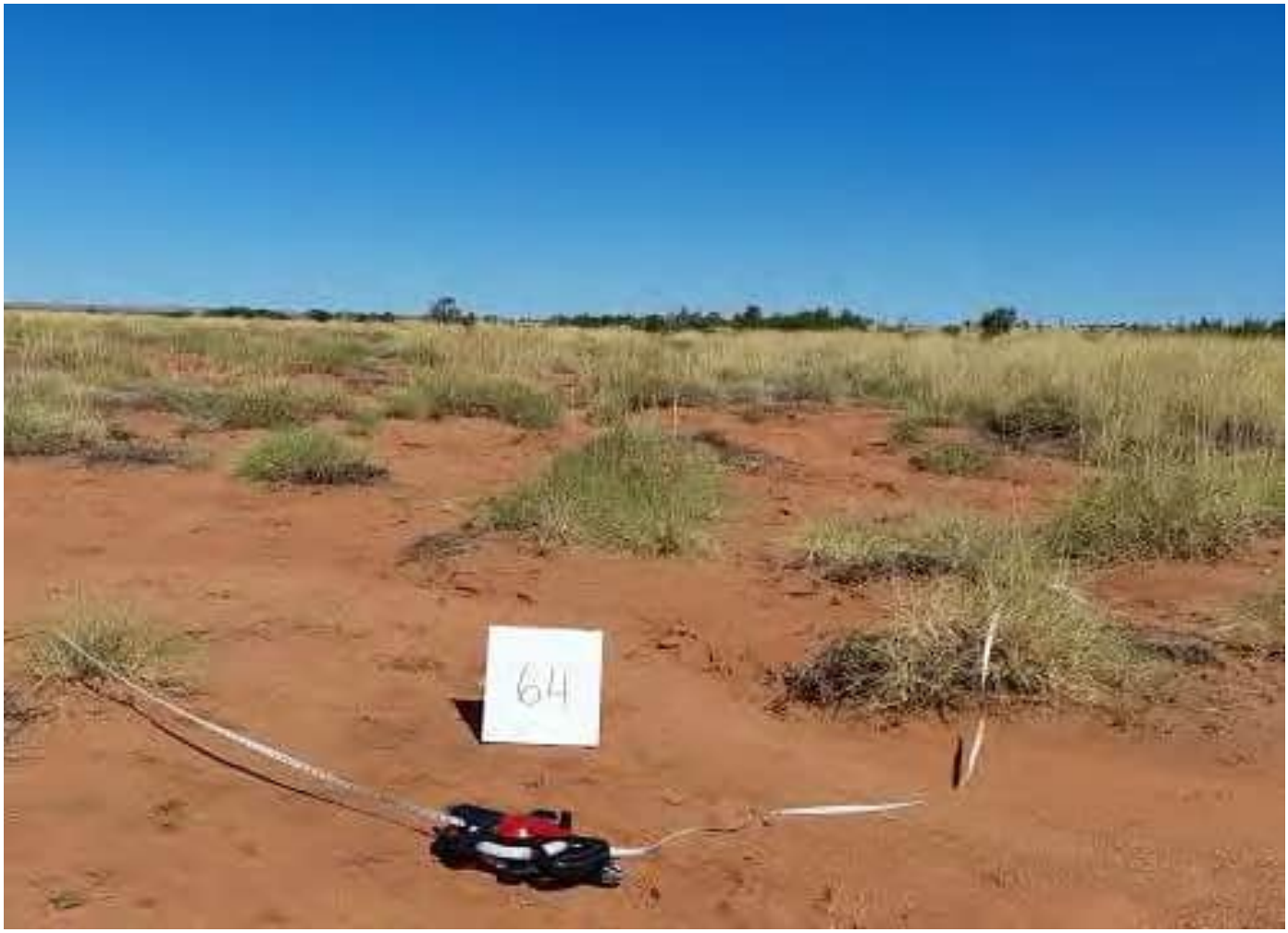
Date	7 April 2022
Botanist	Megan Gray and Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	797064mE 7628870mN
Vegetation Unit	**AhAtTa** - *Atalaya hemiglauca* Low Isolated Trees over *Acacia trachycarpa* Tall Sparse Shrubland over *Triodia angusta, Triodia longiceps* and **Cenchrus setiger* Low Open Hummock Grassland.
Slope	Gentle
Landform	Medium drainage line
Soil Colour	Orange/light brown
Soil Type	Sandy loam
Litter	1%
Bare Ground	70%
Fire Age	5-10 Years
Vegetation Condition	Good
Disturbances/Impacts	Livestock, weeds



Species	Height (m)	% Cover
Atalaya hemiglauca	7	2
Hakea lorea subsp. *lorea*	5	1
Acacia trachycarpa	2.0	10
Pluchea ferdinandi-muelleri	1.0	2
Triodia angusta	0.8	40
**Cenchrus setiger*	0.3	25
Acacia inaequilatera		+
Afrohybanthus aurantiacus		+
Boerhavia ? coccinea		+
Bonamia linearis		+
Bonamia pilbarensis		+
Corchorus incanus subsp. *incanus*		+
Corchorus parviflorus		+
Cyperus cunninghamii subsp. *cunninghamii*		+
Euphorbia australis var. *subtomentosa*		+
Hibiscus austrinus var. *austrinus*		+
Ipomoea coptica		+
Ipomoea muelleri		+
Melaleuca bracteata		+
Pluchea tetranthera		+
Sida spinosa		+
Sporobolus australasicus		+
Trigastrotheca molluginea		+

Site 064

Date	7 April 2022
Botanist	Megan Gray and Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	798262mE 7626706mN
Vegetation Unit	**AsPfTl** - *Acacia stellaticeps* and *Acacia inaequilatera* Low Sparse Shrubland over *Pluchea ferdinandi-muelleri* Isolated Mid Shrubs over *Triodia longiceps* and *Triodia wiseana* Mid Hummock Grassland.
Slope	Gentle
Landform	Plain
Soil Colour	Orange/light brown
Soil Type	loamy sand
Litter	8%
Bare Ground	15%
Fire Age	5-10 Years
Vegetation Condition	Good
Disturbances/Impacts	Livestock, weeds



Species	Height (m)	% Cover
Triodia longiceps	0.4	15
Bulbostylis barbata		+
**Cenchrus setiger*		+
Commelina ensifolia		+
Corchorus tridens		+
Corchorus walcottii		+
Dactyloctenium radulans		+
Digitaria ctenantha		+
Eragrostis cumingii		+
Ipomoea muelleri		+
Perotis rara		+
Pluchea ferdinandi-muelleri		+
Pluchea tetranthera		+
Senna notabilis		+
Solanum diversiflorum		+
Sporobolus actinocladus		+
Trianthema triquetrum		+

Site 065

Date	10 April 2022
Botanist	Megan Gray and Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	797704mE 7626550mN
Vegetation Unit	**AhAtTa** - *Atalaya hemiglauca* Low Isolated Trees over *Acacia trachycarpa* Tall Sparse Shrubland over *Triodia angusta, Triodia longiceps* and **Cenchrus setiger* Low Open Hummock Grassland.
Slope	Flat
Landform	Plain
Soil Colour	Light brown, orange
Soil Type	Loam
Litter	10%
Bare Ground	60%
Fire Age	5-10 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Livestock, weeds



Species	Height (m)	% Cover
Pluchea ferdinandi-muelleri	1.0	2
Triodia longiceps	0.8	40
Acacia inaequilatera		+
Acacia trachycarpa		+
Afrohybanthus aurantiacus		+
Amaranthus undulatus		+
Atalaya hemiglauca		+
Boerhavia coccinea		+
**Cenchrus setiger*		+
Corchorus tridens		+
Cucumis variabilis		+
Cyperus bifax		+
Dactyloctenium radulans		+
Evolvulus alsinoides var. *villosicalyx*		+
Gomphrena cunninghamii		+
Perotis rara		+
Sporobolus actinocladus		+
**Vachellia farnesiana*		+

Site 066

Date	10 April 2022
Botanist	Megan Gray and Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	799302mE 7624870mN
Vegetation Unit	**AiCpTe2** - *Acacia inaequilatera, Acacia ancistrocarpa* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Sparse Shrubland over *Corchorus parviflorus* Low Isolated Shrubs over *Triodia epactia* Mid Hummock Grassland.
Slope	Flat
Landform	Plain
Soil Colour	Red, Brown
Soil Type	Sandy loam
Litter	2%
Bare Ground	40%
Fire Age	3-5 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Livestock, weeds



Species	Height (m)	% Cover
Acacia inaequilatera	4	1
Triodia epactia	1.2	50
Acacia ancistrocarpa		+
Bonamia ?alatisemina		+
Bonamia erecta		+
Corchorus parviflorus		+
Gossypium australe		+
Grevillea pyramidalis subsp. *leucadendron*		+
Grevillea wickhamii		+
Hakea lorea subsp. *lorea*		+
Indigofera monophylla		+
Pluchea ferdinandi-muelleri		+
Pluchea tetranthera		+
Rhynchosia minima		+
Solanum gabrielae		+
Sporobolus actinocladus		+
Tephrosia supina		+

Site 067

Date	11 April 2022
Botanist	Catherine Krens and Megan Gray
Quadrat Size	50 x 50 m
NW Corner Coordinates	797721mE 7622504mN
Vegetation Unit	**AiCpTw** - *Acacia inaequilatera* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Isolated Shrubland over *Corchorus parviflorus* Low Sparse Shrubland over *Triodia wiseana* Low Hummock Grassland.
Slope	Moderate
Landform	Basalt outcrop
Soil Colour	Brown
Soil Type	Sandy loam
Litter	1%
Bare Ground	80%
Fire Age	3-5 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Nil



Species	Height (m)	% Cover
Grevillea wickhamii	2	2
Acacia inaequilatera	1.8	0.5
Triodia longiceps	0.4	15
Triodia wiseana	0.2	25
Acacia ancistrocarpa		+
Boerhavia coccinea		+
Bonamia erecta		+
Corchorus parviflorus		+
Hakea lorea subsp. *lorea*		+
Rhynchosia minima		+
Tephrosia sp. Bungaroo Creek (M.E. Trudgen 11601)		+

Site 068

Date	10 April 2022
Botanist	Catherine Krens and Megan Young
Quadrat Size	50 x 50 m
NW Corner Coordinates	798375mE 7621446mN
Vegetation Unit	**AiCpTw** - *Acacia inaequilatera* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Isolated Shrubland over *Corchorus parviflorus* Low Sparse Shrubland over *Triodia wiseana* Low Hummock Grassland.
Slope	Moderate
Landform	Basalt/Shale outcrop
Soil Colour	Brown
Soil Type	Sany loam
Litter	1%
Bare Ground	90%
Fire Age	3-5 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Nil



Species	Height (m)	% Cover
Acacia inaequilatera	2	1
Grevillea pyramidalis subsp. *leucadendron*	2	0.5
Triodia wiseana	0.5	40
Acacia ancistrocarpa		+
**Aerva javanica*		+
Corchorus parviflorus		+
Enneapogon sp.		+
Fimbristylis dichotoma		+
Grevillea wickhamii		+
Pentalepis trichodesmoides subsp. *trichodesmoides*		+

Site 069

Date	6 April 2022
Botanist	Catherine Krens and Megan Young
Quadrat Size	50 x 50 m
NW Corner Coordinates	795628mE 7621636mN
Vegetation Unit	**ChTl** - *Corymbia hamersleyana* Low Isolated Trees over Mixed *Acacia* spp. Tall Sparse Shrubland over *Triodia longiceps* and *Triodia wiseana* Low Open Hummock Grassland.
Slope	Flat
Landform	Drainage line
Soil Colour	Sand
Soil Type	Sand
Litter	5%
Bare Ground	30%
Fire Age	3-5 Years
Vegetation Condition	Good
Disturbances/Impacts	Livestock, weeds



Species	Height (m)	% Cover
Acacia inaequilatera	2.8	40
Chrysopogon fallax	0.1	3
Triumfetta chaetocarpa	0.3	2
Corchorus parviflorus	0.6	1
Acacia ancistrocarpa		+
Acacia pyrifolia var. *pyrifolia*		+
Acacia trachycarpa		+
Afrohybanthus aurantiacus		+
Atalaya hemiglauca		+
**Cenchrus ciliaris*		+
Grevillea pyramidalis subsp. *leucadendron*		+
Ipomoea muelleri		+
Petalostylis labicheoides		+
Pluchea tetranthera		+
Rhynchosia minima		+
Senna artemisioides subsp. *helmsii*		+
Senna notabilis		+
Sida arsiniata		+
Sida fibulifera		+
Sida rohlenae subsp. *rohlenae*		+
Tephrosia sp. NW Eremaean (S. van Leeuwen et al. PBS 0356)		+
Triodia longiceps		+
**Vachellia farnesiana*		+

Site 070

Date	11 April 2022
Botanist	Catherine Krens and Megan
Quadrat Size	50 x 50 m
NW Corner Coordinates	796405mE 7621321mN
Vegetation Unit	**AiCpTw** - *Acacia inaequilatera* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Isolated Shrubland over *Corchorus parviflorus* Low Sparse Shrubland over *Triodia wiseana* Low Hummock Grassland.
Slope	Flat
Landform	Plain
Soil Colour	Light brown
Soil Type	Sandy loam
Litter	2%
Bare Ground	40%
Fire Age	3-5 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Nil



Species	Height (m)	% Cover
Acacia inaequilatera	2.8	1
Grevillea wickhamii	2.2	0.5
Triodia longiceps	0.3	7
Triodia wiseana	0.2	35
Afrohybanthus aurantiacus		+
Bonamia ?alatisemina		+
Bonamia sp.		+
Cassytha capillaris		+
Corchorus parviflorus		+
Eriachne tenuiculmis		+
Hakea lorea subsp. *lorea*		+
Isotropis atropurpurea		+
Paraneurachne muelleri		+
Pluchea tetranthera		+
Ptilotus calostachyus		+
Tephrosia sp. Bungaroo Creek (M.E. Trudgen 11601)		+
Trigastrotheca molluginea		+

Site 071

Date	11 April 2022
Botanist	Catherine Krens and Megan
Quadrat Size	50 x 50 m
NW Corner Coordinates	795527mE 7618304mN
Vegetation Unit	**EcMa** - *Eucalyptus camaldulensis subsp. refulgens* and *Melaleuca argentea* Open Mid Woodland over *Acacia sericophylla*, *Acacia trachycarpa*, *Melaleuca glomerata* and *Melaleuca linophylla* Tall Sparse Shrubland over **Cenchrus setiger* and *Triodia longiceps* Sparse Mid Tussock Grassland.
Slope	Flat
Landform	Drainage
Soil Colour	Light brown
Soil Type	Sand
Litter	5%
Bare Ground	40%
Fire Age	3-5 Years
Vegetation Condition	Good
Disturbances/Impacts	Livestock, weeds



Species	Height (m)	% Cover
Eucalyptus camaldulensis subsp. *refulgens*	8	3
Melaleuca argentea	3.5	5
Acacia trachycarpa	3	5
Triodia longiceps	0.4	7
**Cenchrus ciliaris*	0.1	7
Acacia ampliceps		+
Acacia coriacea subsp. *pendens*		+
Acacia pyrifolia var. *pyrifolia*		+
Adriana tomentosa ?var. *tomentosa*		+
Afrohybanthus aurantiacus		+
Amaranthus undulatus		+
**Argemone ochroleuca* subsp. *ochroleuca*		+
Arivela viscosa		+
Atalaya hemiglauca		+
Boerhavia coccinea		+
Bonamia media		+
Bonamia pilbarensis		+
Bulbostylis barbata		+
**Calotropis procera*		+
Corchorus parviflorus		+
Cucumis variabilis		+
Cynanchum floribundum		+
Cyperus dactylotes		+
Cyperus sp.		+
Eragrostis ? *tenellula*		+
Euphorbia australis var. *subtomentosa*		+
Euphorbia biconvexa		+
Euphorbia coghlanii		+
Euploca cunninghamii		+
Ipomoea muelleri		+
Melaleuca glomerata		+
Melaleuca linophylla		+
Nellica maderaspatensis		+
Petalostylis labicheoides		+
Pluchea tetranthera		+
Portulaca oleracea		+
Senna notabilis		+
Sesbania cannabina		+
Sida rohlenae subsp. *rohlenae*		+
Solanum diversiflorum		+
**Vachellia farnesiana*		+
Wahlenbergia tumidifructa		+

Site 072

Date	11 April 2022
Botanist	Megan Gray and Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	798154mE 7616245mN
Vegetation Unit	**AhAtTa** - *Atalaya hemiglauca* Low Isolated Trees over *Acacia trachycarpa* Tall Sparse Shrubland over *Triodia angusta, Triodia longiceps* and **Cenchrus setiger* Low Open Hummock Grassland.
Slope	Gentle
Landform	Drainage fringe, plain
Soil Colour	Orange brown
Soil Type	Loam
Litter	25%
Bare Ground	60%
Fire Age	5-10 Years
Vegetation Condition	Good
Disturbances/Impacts	Livestock, weeds



Species	Height (m)	% Cover
Acacia sericophylla	12	1
Atalaya hemiglauca	8	2
Acacia trachycarpa	6	10
Paraneurachne muelleri	1.2	8
**Aerva javanica*		+
Acacia inaequilatera		+
Afrohybanthus aurantiacus		+
**Calotropis procera*		+
**Cenchrus setiger*		+
Cucumis variabilis		+
Grevillea pyramidalis subsp. *leucadendron*		+
Hibiscus austrinus var. *austrinus*		+
Pluchea ferdinandi-muelleri		+
Pluchea tetranthera		+
Rhynchosia minima		+
Senna notabilis		+
Sida ? fibulifera		+
Sida spinosa		+
Tephrosia supina		+

Site 073

Date	11 April 2022
Botanist	Daniel Roberts and Kelly Hopkinson
Quadrat Size	50 x 50 m
NW Corner Coordinates	804251mE 7628342mN
Vegetation Unit	**AiCpTe2** - *Acacia inaequilatera, Acacia ancistrocarpa* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Sparse Shrubland over *Corchorus parviflorus* Low Isolated Shrubs over *Triodia epactia* Mid Hummock Grassland.
Slope	Flat
Landform	Sand plain with ?Granite outcropping
Soil Colour	Light brown
Soil Type	Sand
Litter	1%
Bare Ground	50%
Fire Age	3-5 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Nil



Species	Height (m)	% Cover
Acacia inaequilatera	2.5	5
Grevillea wickhamii subsp. *hispidula*	2	3
Acacia trachycarpa	1.5	2
Triodia epactia	0.5	25
Corchorus lasiocarpus subsp. *lasiocarpus*	0.5	5
Acacia orthocarpa		+
Afrohybanthus ? *aurantiacus*		+
Afrohybanthus aurantiacus		+
Bonamia erecta		+
Bonamia pilbarensis		+
Bulbostylis barbata		+
Cucumis variabilis		+
Eragrostis eriopoda		+
Evolvulus alsinoides var. *villosicalyx*		+
Fimbristylis dichotoma		+
Gomphrena cunninghamii		+
Goodenia microptera		+
Gossypium australe		+
Grevillea pyramidalis subsp. *leucadendron*		+
Grona filiformis		+
Hibiscus sturtii var. *campylochlamys*		+
Paraneurachne muelleri		+
Perotis rara		+
Pluchea tetranthera		+
Senna notabilis		+
Tephrosia sp. Bungaroo Creek (M.E. Trudgen 11601)		+
Trianthema pilosum		+
Trigastrotheca molluginea		+
Triumfetta chaetocarpa		+

Site 074

Date	12 April 2022
Botanist	Daniel Roberts and Kelly Hopkinson
Quadrat Size	50 x 50 m
NW Corner Coordinates	812268mE 7630191mN
Vegetation Unit	**CcTe** - *Corymbia candida* subsp. *candida* and *Eucalyptus leucophloia* subsp. *leucophloia* Low Open Woodland over *Triodia epactia* Low Hummock Grassland.
Slope	Gentle
Landform	Hill crest
Soil Colour	Red brown
Soil Type	Sandy loam
Litter	1%
Bare Ground	30%
Fire Age	5-10 years
Vegetation Condition	Excellent
Disturbances/Impacts	Fire



Species	Height (m)	% Cover
Corymbia candida subsp. *candida*	6	5
Eucalyptus leucophloia subsp. *leucophloia*	6	2
Grevillea pyramidalis subsp. *leucadendron*	1.5	1
Dampiera candicans	0.5	5
Triodia epactia	0.3	60
Eriachne sp.	0.2	2
Arivela viscosa		+
Bonamia pilbarensis		+
Cymbopogon ambiguus		+
Cyperus cunninghamii subsp. *cunninghamii*		+
Gossypium australe		+
Grevillea wickhamii subsp. *hispidula*		+
Hakea lorea subsp. *lorea*		+
Hibiscus coatesii		+
Ptilotus incanus		+
Senna glutinosa subsp. *glutinosa*		+
Sida sp. Pilbara (A.A. Mitchell PRP 1543)		+
Solanum lasiophyllum		+
Tribulus ? platypterus		+
Trigastrotheca molluginea		+
Triumfetta maconochieana		+

Site 075

Date	11 April 2022
Botanist	Megan Gray and Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	811134mE 7625075mN
Vegetation Unit	**AiCpTw** - *Acacia inaequilatera* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Isolated Shrubland over *Corchorus parviflorus* Low Sparse Shrubland over *Triodia wiseana* Low Hummock Grassland.
Slope	Moderate
Landform	Mid slope
Soil Colour	Dark Brown
Soil Type	Loam
Litter	2%
Bare Ground	60%
Fire Age	3-5 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Livestock, weeds



Species	Height (m)	% Cover
Corymbia hamersleyana	6.5	3
Acacia inaequilatera	5	1
Acacia bivenosa	1.2	1
Corchorus parviflorus	0.8	15
Triodia wiseana	0.5	25
Acacia ancistrocarpa		+
Acacia orthocarpa		+
**Aerva javanica*		+
Aristida holathera var. *holathera*		+
Bonamia erecta		+
Bonamia pilbarensis		+
**Cenchrus setiger*		+
Clerodendrum floribundum var. *angustifolium*		+
Corchorus ?incanus		+
Corchorus walcottii		+
Enneapogon lindleyanus		+
Gossypium australe		+
Hibiscus burtonii		+
Indigofera deserticola		+
Notoleptopus decaisnei		+
Pluchea tetranthera		+
Senna glutinosa subsp. *glutinosa*		+
Senna notabilis		+
Senna symonii		+
Sida spinosa		+
Tephrosia supina		+

Site 076

Date	6 April 2022
Botanist	Daniel Roberts and Kelly Hopkinson
Quadrat Size	50 x 50 m
NW Corner Coordinates	813428mE 7624203mN
Vegetation Unit	**AiCpTw** - *Acacia inaequilatera* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Isolated Shrubland over *Corchorus parviflorus* Low Sparse Shrubland over *Triodia wiseana* Low Hummock Grassland.
Slope	Gentle
Landform	Low rise
Soil Colour	Cream
Soil Type	Sandy loam
Litter	1%
Bare Ground	50%
Fire Age	1-3 Years
Vegetation Condition	Excellent
Disturbances/Impacts	West



Species	Height (m)	% Cover
Corymbia hamersleyana	6	2
Acacia inaequilatera	2.5	5
Triodia wiseana	0.5	30
Corchorus parviflorus	0.5	5
Abutilon sp. Dioicum (A.A. Mitchell PRP 1618)		+
Acacia bivenosa		+
Bonamia pilbarensis		+
Hakea lorea subsp. *lorea*		+
Senna artemisioides subsp. *oligophylla*		+
Senna notabilis		+

Site 077

Date	6 April 2022
Botanist	Daniel Roberts and Kelly Hopkinson
Quadrat Size	50 x 50 m
NW Corner Coordinates	811806mE 7622925mN
Vegetation Unit	**AiCpTw** - *Acacia inaequilatera* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Isolated Shrubland over *Corchorus parviflorus* Low Sparse Shrubland over *Triodia wiseana* Low Hummock Grassland.
Slope	Gentle
Landform	Low rise
Soil Colour	Cream
Soil Type	Sandy loam
Litter	3%
Bare Ground	60%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Nil



Species	Height (m)	% Cover
Corymbia hamersleyana	6	3
Acacia bivenosa	2	2
Acacia inaequilatera	2	2
Triodia wiseana	0.5	40
Bonamia rosea		+
Corchorus parviflorus		+
Eragrostis sp.		+
Euploca ? chrysocarpa		+
Grevillea pyramidalis subsp. *leucadendron*		+
Senna glutinosa subsp. *glutinosa*		+
Senna symonii		+

Site 078

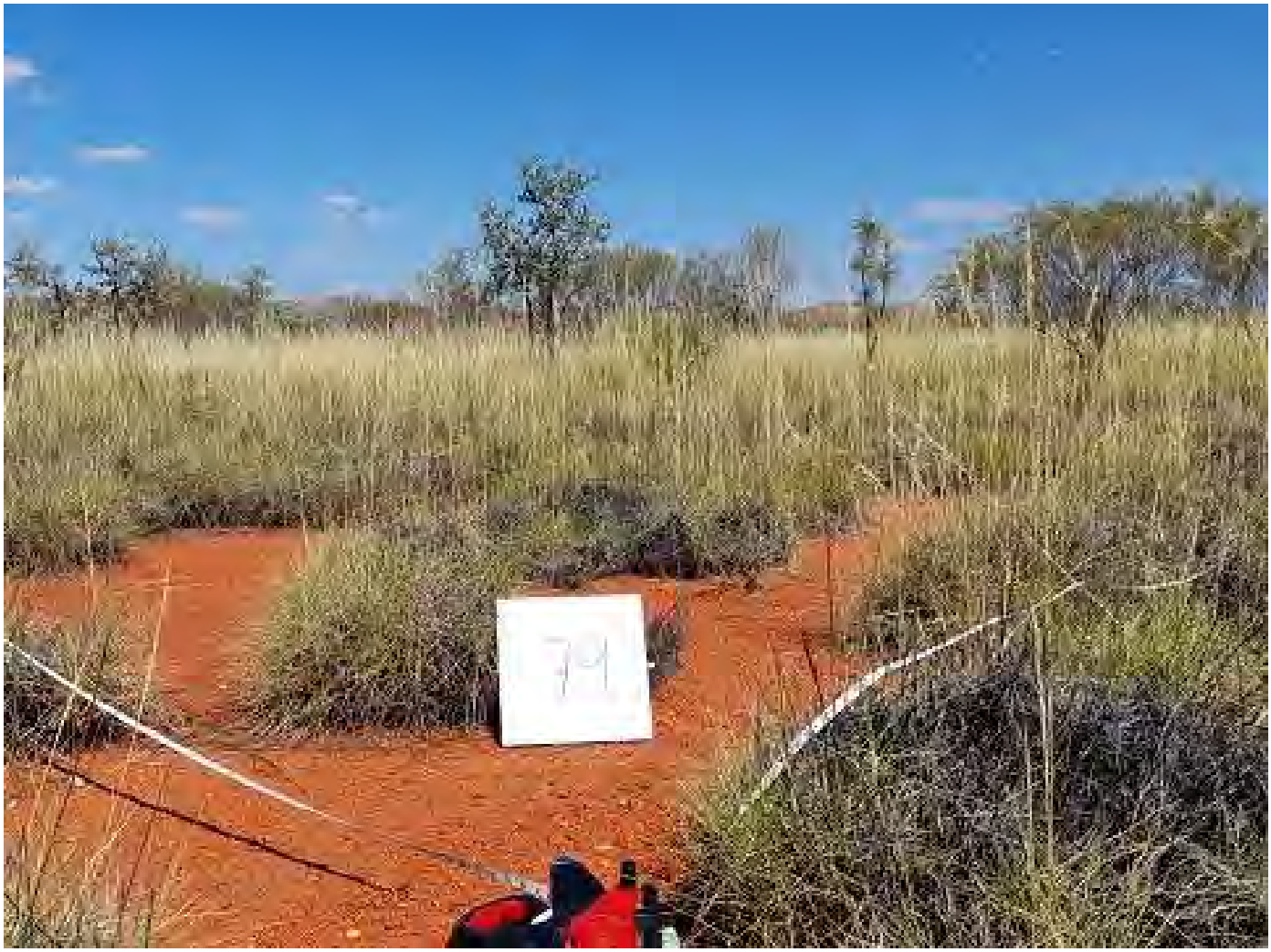
Date	6 April 2022
Botanist	Daniel Roberts and Kelly Hopkinson
Quadrat Size	50 x 50 m
NW Corner Coordinates	811183mE 7621714mN
Vegetation Unit	**AiCpTe2** - *Acacia inaequilatera, Acacia ancistrocarpa* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Sparse Shrubland over *Corchorus parviflorus* Low Isolated Shrubs over *Triodia epactia* Mid Hummock Grassland.
Slope	Flat
Landform	Minor floodplain
Soil Colour	Red Brown
Soil Type	Sandy loam
Litter	5%
Bare Ground	40%
Fire Age	>10 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Nil



Species	Height (m)	% Cover
Acacia ancistrocarpa	3	25
Acacia inaequilatera	3	5
Triodia epactia	1	35
Acacia pyrifolia var. *pyrifolia*		+
Afrohybanthus aurantiacus		+
Aristida contorta		+
Bonamia erecta		+
Bonamia linearis		+
Gossypium australe		+
Grevillea wickhamii		+
Indigofera monophylla		+
Indigofera sp.		+
Malvaceae sp.		+
Paspalidium rarum		+
Rhynchosia minima		+
Senna artemisioides subsp. *oligophylla*		+

Site 079

Date	11 April 2022
Botanist	Megan Gray and Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	811691mE 7620585mN
Vegetation Unit	**AiCpTe2** - *Acacia inaequilatera, Acacia ancistrocarpa* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Sparse Shrubland over *Corchorus parviflorus* Low Isolated Shrubs over *Triodia epactia* Mid Hummock Grassland.
Slope	Gentle
Landform	Plain
Soil Colour	Orange Brown
Soil Type	Loam
Litter	10%
Bare Ground	40%
Fire Age	5-10 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Nil



Species	Height (m)	% Cover
Acacia inaequilatera	5	1
Acacia trachycarpa	3.5	2
Paraneurachne muelleri	1.2	60
Afrohybanthus aurantiacus		+
Aristida contorta		+
Bonamia erecta		+
Cucumis variabilis		+
Cullen stipulaceum		+
Cymbopogon ambiguus		+
Euphorbia australis var. *subtomentosa*		+
Grevillea pyramidalis subsp. *leucadendron*		+
Grevillea wickhamii		+
Hakea lorea subsp. *lorea*		+
Heliotropium murinum		+
Indigofera deserticola		+
Isotropis atropurpurea		+
Lysiana casuarinae		+
Solanum gabrielae		+

Site 080

Date	11 April 2022
Botanist	Daniel Roberts and Kelly Hopkinson
Quadrat Size	50 x 50 m
NW Corner Coordinates	814124mE 7619935mN
Vegetation Unit	**ElTlTb** - *Eucalyptus leucophloia* subsp. *leucophloia* and *Corymbia hamersleyana* Low Open Woodland over mixed *Acacia* spp. Sparse Mid Shrubland over *Triodia longiceps* and *Triodia brizoides* Open Mid Hummock Grassland.
Slope	Gentle
Landform	Hill crest
Soil Colour	Red brown
Soil Type	Sandy loam
Litter	1%
Bare Ground	60%
Fire Age	3-5 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Nil



Species	Height (m)	% Cover
Eucalyptus leucophloia subsp. *leucophloia*	6	2
Hakea lorea subsp. *lorea*	3	2
Dodonaea coriacea	1.5	2
Triodia longiceps	0.5	30
Acacia ptychophylla	0.5	2
Indigofera sp.	0.5	2
Corymbia hamersleyana		+
Dampiera candicans		+
Goodenia stobbsiana		+
Grevillea pyramidalis subsp. *leucadendron*		+
Indigofera monophylla		+
Senna glutinosa subsp. *glutinosa*		+
Senna glutinosa subsp. *pruinosa*		+
Solanum lasiophyllum		+
Tribulus suberosus		+

Site 081

Date	11 April 2022
Botanist	Megan Gray and Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	803707mE 7623689mN
Vegetation Unit	**AsPfTl** - *Acacia stellaticeps* and *Acacia inaequilatera* Low Sparse Shrubland over *Pluchea ferdinandi-muelleri* Isolated Mid Shrubs over *Triodia longiceps* and *Triodia wiseana* Mid Hummock Grassland.
Slope	Gentle
Landform	Plain
Soil Colour	Light Brown
Soil Type	Loam
Litter	8%
Bare Ground	45%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Livestock



Species	Height (m)	% Cover
Acacia stellaticeps	1.0	2.5
Triodia longiceps	0.8	25
Triodia wiseana	0.8	25
Pluchea ferdinandi-muelleri	0.8	1
Acacia inaequilatera		+
Acacia trachycarpa		+
Afrohybanthus aurantiacus		+
Alysicarpus muelleri		+
Aristida contorta		+
Cassytha capillaris		+
Corchorus incanus		+
Corchorus parviflorus		+
Corchorus walcottii		+
Cucumis variabilis		+
Cullen pallidum		+
Eriachne pulchella subsp. *pulchella*		+
Euphorbia coghlanii		+
Evolvulus alsinoides var. *villosicalyx*		+
Hibiscus burtonii		+
Indigofera deserticola		+
Paspalidium rarum		+
Rhynchosia minima		+
Sida fibulifera		+
Sporobolus actinocladus		+
Stemodia grossa		+
**Vachellia farnesiana*		+

Site 082

Date	11 April 2022
Botanist	Megan Gray and Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	802531mE 7620098mN
Vegetation Unit	**AsPfTl** - *Acacia stellaticeps* and *Acacia inaequilatera* Low Sparse Shrubland over *Pluchea ferdinandi-muelleri* Isolated Mid Shrubs over *Triodia longiceps* and *Triodia wiseana* Mid Hummock Grassland.
Slope	Flat
Landform	Plain
Soil Colour	Red, Brown
Soil Type	loam
Litter	10%
Bare Ground	55%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Livestock, weeds



Species	Height (m)	% Cover
Acacia stellaticeps	1.5	8
Pluchea ferdinandi-muelleri	1.2	1
Triodia longiceps	0.8	35
Triodia wiseana	0.6	15
**Aerva javanica*		+
Afrohybanthus aurantiacus		+
Aristida contorta		+
Aristida holathera var. *holathera*		+
Bonamia pilbarensis		+
Cassytha capillaris		+
Corchorus parviflorus		+
Corchorus walcottii		+
Crotalaria cunninghamii subsp. *sturtii*		+
Eriachne ciliata		+
Evolvulus alsinoides var. *villosicalyx*		+
Grevillea pyramidalis subsp. *leucadendron*		+
Hibiscus leptocladus		+
Indigofera deserticola		+
Paraneurachne muelleri		+

Site 083

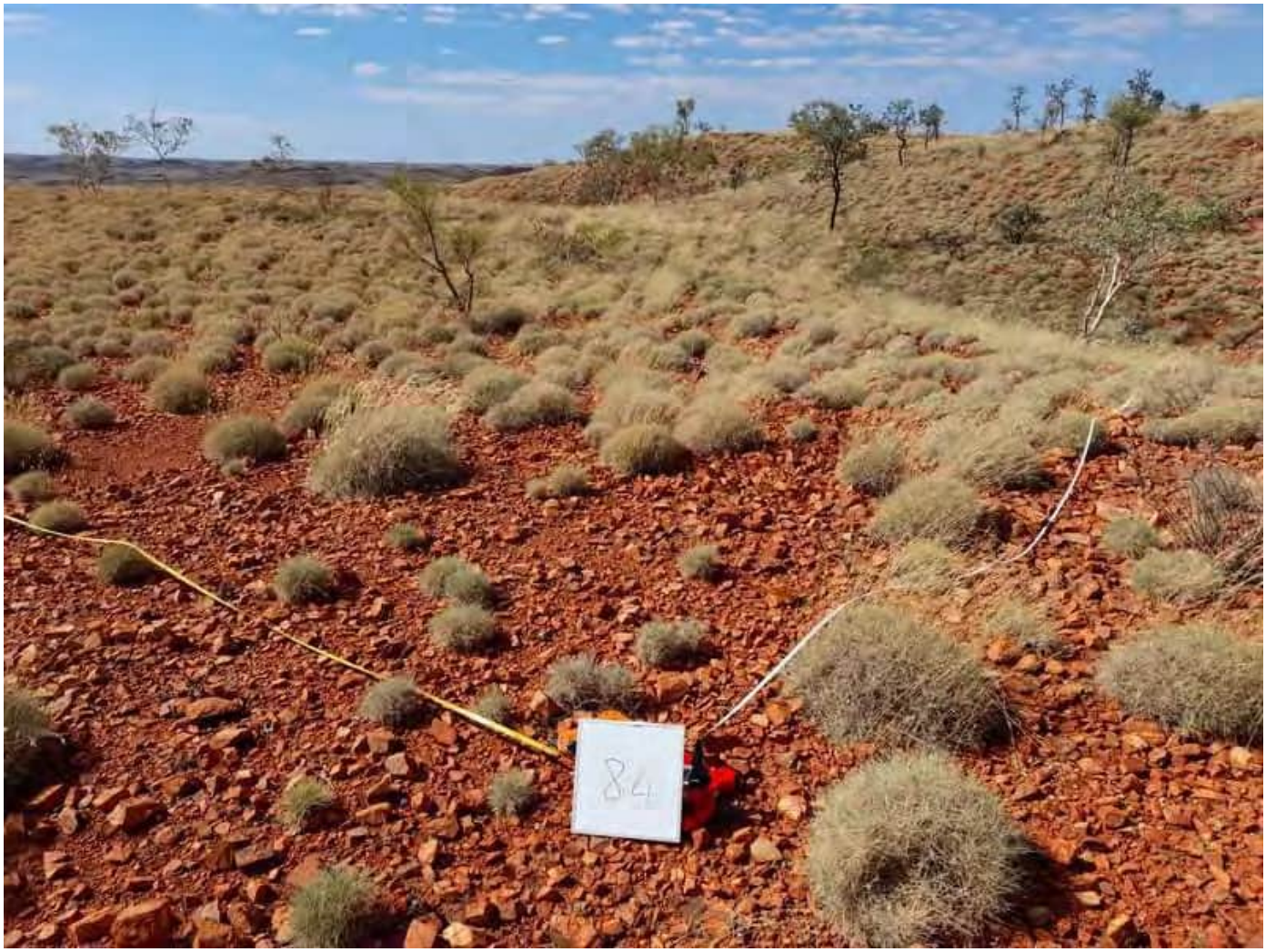
Date	11 April 2022
Botanist	Megan Gray and Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	8000456mE 7622404mN
Vegetation Unit	**AsPfTl** - *Acacia stellaticeps* and *Acacia inaequilatera* Low Sparse Shrubland over *Pluchea ferdinandi-muelleri* Isolated Mid Shrubs over *Triodia longiceps* and *Triodia wiseana* Mid Hummock Grassland.
Slope	Flat
Landform	Plain
Soil Colour	Light brown
Soil Type	Loam
Litter	10%
Bare Ground	40%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Livestock



Species	Height (m)	% Cover
Grevillea wickhamii	2	0.5
Triodia wiseana	1	30
Triodia longiceps	1	25
Acacia stellaticeps	0.6	3
Indigofera deserticola	0.5	0.2
Afrohybanthus aurantiacus		+
Aristida contorta		+
Cassytha capillaris		+
Corchorus walcottii		+
Cucumis variabilis		+
Eriachne pulchella subsp. *pulchella*		+
Grevillea pyramidalis subsp. *leucadendron*		+
Hibiscus sturtii var. *campylochlamys*		+
Pluchea ferdinandi-muelleri		+
Polymeria calycina		+
Rhynchosia minima		+

Site 084

Date	11 April 2022
Botanist	Daniel Roberts and Kelly Hopkinson
Quadrat Size	50 x 50 m
NW Corner Coordinates	815717mE 7619534mN
Vegetation Unit	**ElTlTb** - *Eucalyptus leucophloia* subsp. *leucophloia* and *Corymbia hamersleyana* Low Open Woodland over mixed *Acacia* spp. Sparse Mid Shrubland over *Triodia longiceps* and *Triodia brizoides* Open Mid Hummock Grassland.
Slope	Gentle
Landform	Hill crest
Soil Colour	Red brown
Soil Type	Sandy loam
Litter	1%
Bare Ground	60%
Fire Age	3-5 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Nil



Species	Height (m)	% Cover
Eucalyptus leucophloia subsp. *leucophloia*	6	5
Corymbia hamersleyana	6	2
Acacia inaequilatera	2.5	3
Acacia bivenosa	1.5	1
Triodia brizoides	0.5	30
Acacia maitlandii	0.5	5
Triodia longiceps	0.5	2
Dampiera candicans		+
Dodonaea coriacea		+
Goodenia stobbsiana		+
Hakea lorea subsp. *lorea*		+
Indigofera monophylla		+
Senna glutinosa subsp. *glutinosa*		+
Senna glutinosa subsp. *pruinosa*		+
Senna symonii		+
Sida sp. Excedentifolia (J.L. Egan 1925)		+
Tribulus suberosus		+

Site 085

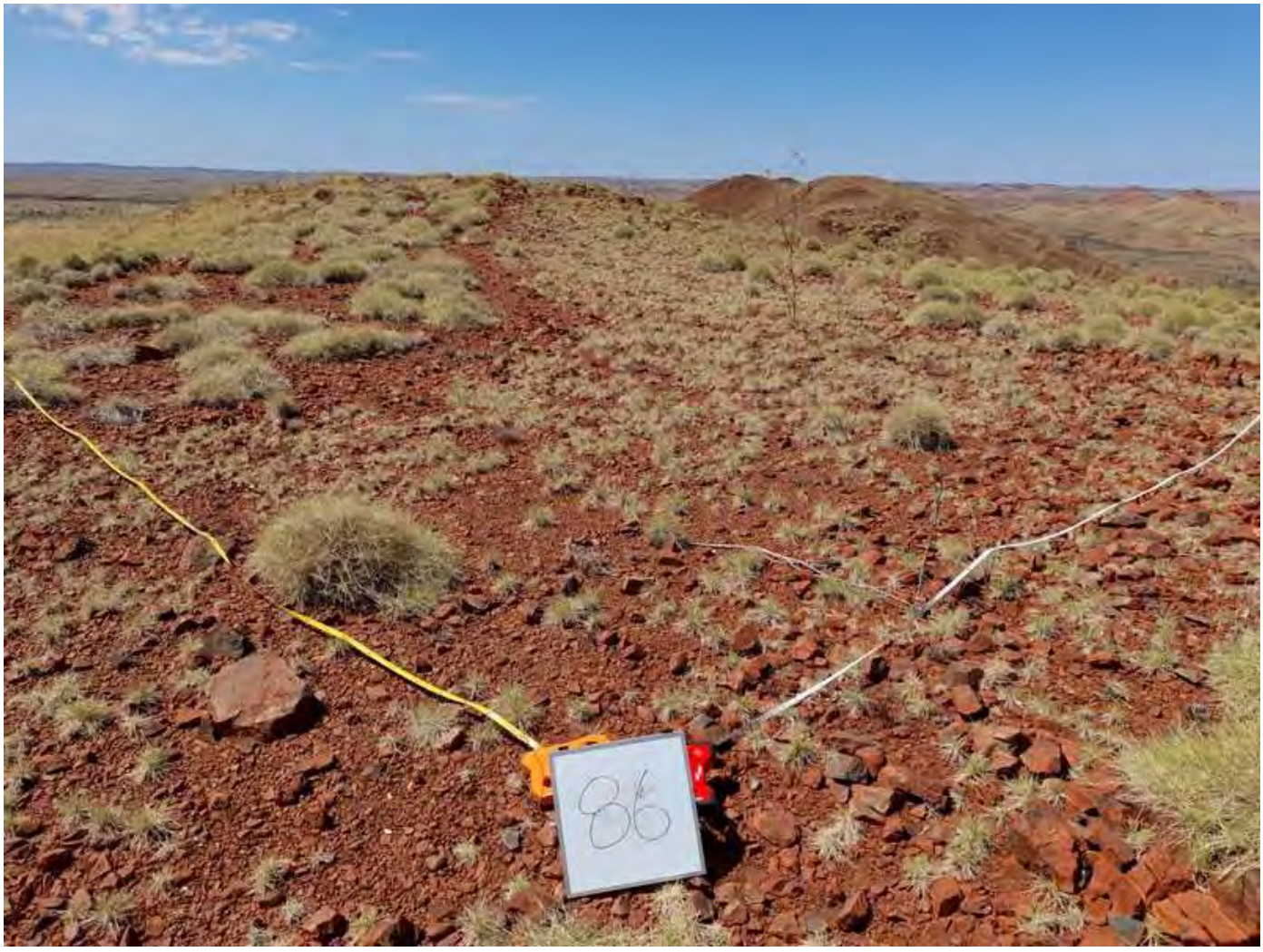
Date	6 April 2022
Botanist	Daniel Roberts and Kelly Hopkinson
Quadrat Size	25 x 100 m
NW Corner Coordinates	819339mE 7625995mN
Vegetation Unit	**EcTl** - *Eucalyptus camaldulensis* subsp. *refulgens* Mid Woodland over *Melaleuca* spp. and *Acacia ampliceps* Tall Sparse Shrubland over *Triodia longiceps* Sparse Mid Hummock Grassland.
Slope	Gentle
Landform	Major drainage line
Soil Colour	Dark brown
Soil Type	Sandy clay loam
Litter	15%
Bare Ground	50%
Fire Age	>10 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Weeds,Livestock



Species	Height (m)	% Cover
Eucalyptus camaldulensis subsp. *refulgens*	15	20
Acacia ampliceps	5	5
Acacia sp.	4	5
Melaleuca bracteata	3.5	30
Cyperus vaginatus	1	15
**Cenchrus ciliaris*	0.2	10
Acacia pyrifolia var. *pyrifolia*		+
Afrohybanthus aurantiacus		+
Atalaya hemiglauca		+
**Cenchrus setiger*		+
Eucalyptus victrix		+
Petalostylis labicheoides		+
Rhynchosia minima		+

Site 086

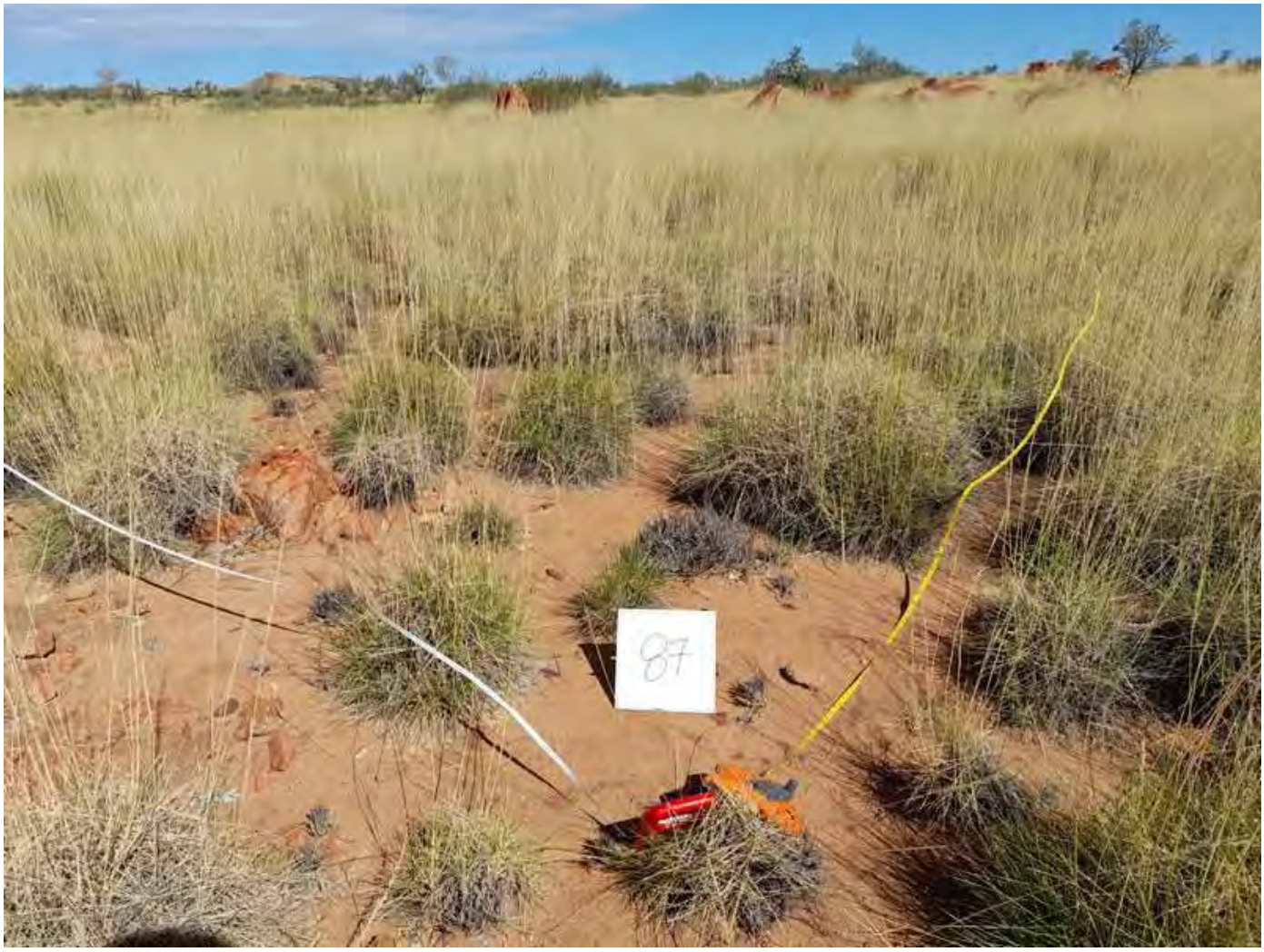
Date	11 April 2022
Botanist	Daniel Roberts and Kelly Hopkinson
Quadrat Size	50 x 50 m
NW Corner Coordinates	815449mE 7627291mN
Vegetation Unit	**AiCpTb** - *Acacia inaequilatera* Tall Sparse Shrubland over *Corchorus parviflorus* Low Sparse Shrubland over *Triodia brizoides* Low Hummock Grassland.
Slope	Moderate
Landform	Hill crest/upper slope
Soil Colour	Red brown
Soil Type	Sandy loam
Litter	1%
Bare Ground	60%
Fire Age	1-3 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Fire



Species	Height (m)	% Cover
Acacia inaequilatera	1.5	1
Triodia brizoides	0.5	30
Indigofera monophylla	0.5	2
Bonamia pilbarensis		+
Corchorus parviflorus		+
Cucumis variabilis		+
Cymbopogon ambiguus		+
Dampiera candicans		+
Euphorbia careyi		+
Goodenia microptera		+
Hakea lorea subsp. *lorea*		+
Pentalepis trichodesmoides subsp. *trichodesmoides*		+
Ptilotus obovatus		+
Sida sp. Pilbara (A.A. Mitchell PRP 1543)		+
Solanum lasiophyllum		+
Themeda triandra		+
Tribulus suberosus		+
Triumfetta maconochieana		+

Site 087

Date	6 April 2022
Botanist	Daniel Roberts and Kelly Hopkinson
Quadrat Size	50 x 50 m
NW Corner Coordinates	819234mE 7632152mN
Vegetation Unit	**AsPfTl** - *Acacia stellaticeps* and *Acacia inaequilatera* Low Sparse Shrubland over *Pluchea ferdinandi-muelleri* Isolated Mid Shrubs over *Triodia longiceps* and *Triodia wiseana* Mid Hummock Grassland.
Slope	Gentle
Landform	Granite ? outcropping
Soil Colour	Light brown
Soil Type	Sandy loam
Litter	2%
Bare Ground	50%
Fire Age	>10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Nil



Species	Height (m)	% Cover
Acacia inaequilatera	3	2
Acacia bivenosa	2.5	5
Triodia longiceps	1.5	40
Triodia epactia	1	10
Pluchea ferdinandi-muelleri	1	3
Bonamia pilbarensis		+
**Cenchrus ciliaris*		+
Corchorus parviflorus		+
Corymbia hamersleyana		+
Cymbopogon ambiguus		+
Grevillea pyramidalis subsp. *leucadendron*		+
Hakea lorea subsp. *lorea*		+
Rhynchosia sp.		+
Tinospora smilacina		+

Site 088

Date	7 April 2022
Botanist	Catherine Krens and Megan Young
Quadrat Size	50 x 50 m
NW Corner Coordinates	818323mE 7633575mN
Vegetation Unit	**EcTl** - *Eucalyptus camaldulensis* subsp. *refulgens* Mid Woodland over *Melaleuca* spp. and *Acacia ampliceps* Tall Sparse Shrubland over *Triodia longiceps* Sparse Mid Hummock Grassland.
Slope	Flat
Landform	Drainage line
Soil Colour	Brown
Soil Type	Sand
Litter	15%
Bare Ground	45%
Fire Age	5-10 Years
Vegetation Condition	Good
Disturbances/Impacts	Livestock, Weeds



Species	Height (m)	% Cover
Eucalyptus victrix	7	7
Eucalyptus camaldulensis subsp. *refulgens*	7	3
Acacia trachycarpa	2.2	7
Acacia pyrifolia var. *pyrifolia*	2.2	2
Triodia longiceps	0.4	8
**Cenchrus ciliaris*	0.10	15
Abutilon sp. Dioicum (A.A. Mitchell PRP 1618)		+
Acacia coriacea subsp. *pendens*		+
Afrohybanthus aurantiacus		+
Alternanthera nana		+
Alysicarpus muelleri		+
Atalaya hemiglauca		+
Boerhavia coccinea		+
Bonamia media		+
Bonamia pilbarensis		+
Bulbostylis barbata		+
**Cenchrus setiger*		+
Corchorus parviflorus		+
Corchorus tridens		+
Crotalaria cunninghamii subsp. *sturtii*		+
Crotalaria medicaginea var. *neglecta*		+
Cucumis variabilis		+
Cyperus sp.		+
Dichrostachys spicata		+
Enneapogon caerulescens		+
Eragrostis tenellula		+
Euphorbia australis var. *subtomentosa*		+
Euphorbia coghlanii		+
Evolvulus alsinoides var. *villosicalyx*		+
Ficus aculeata var. *indecora*		+
Flueggea virosa subsp. *melanthesoides*		+
Goodenia microptera		+
Indigofera trita ?subsp. *trita*		+
Ipomoea polymorpha		+
Perotis rara		+
Polymeria mollis		+
Portulaca oleracea		+
Pterocaulon serrulatum var. *velutinum*		+
Rhynchosia sp.		+
Senna artemisioides subsp. *helmsii*		+
Senna notabilis		+
Sida rohlenae subsp. *rohlenae*		+
Triodia epactia		+
Triumfetta clementii		+
Vigna sp. Hamersley Clay (A.A. Mitchell PRP 113)		+

Site 089

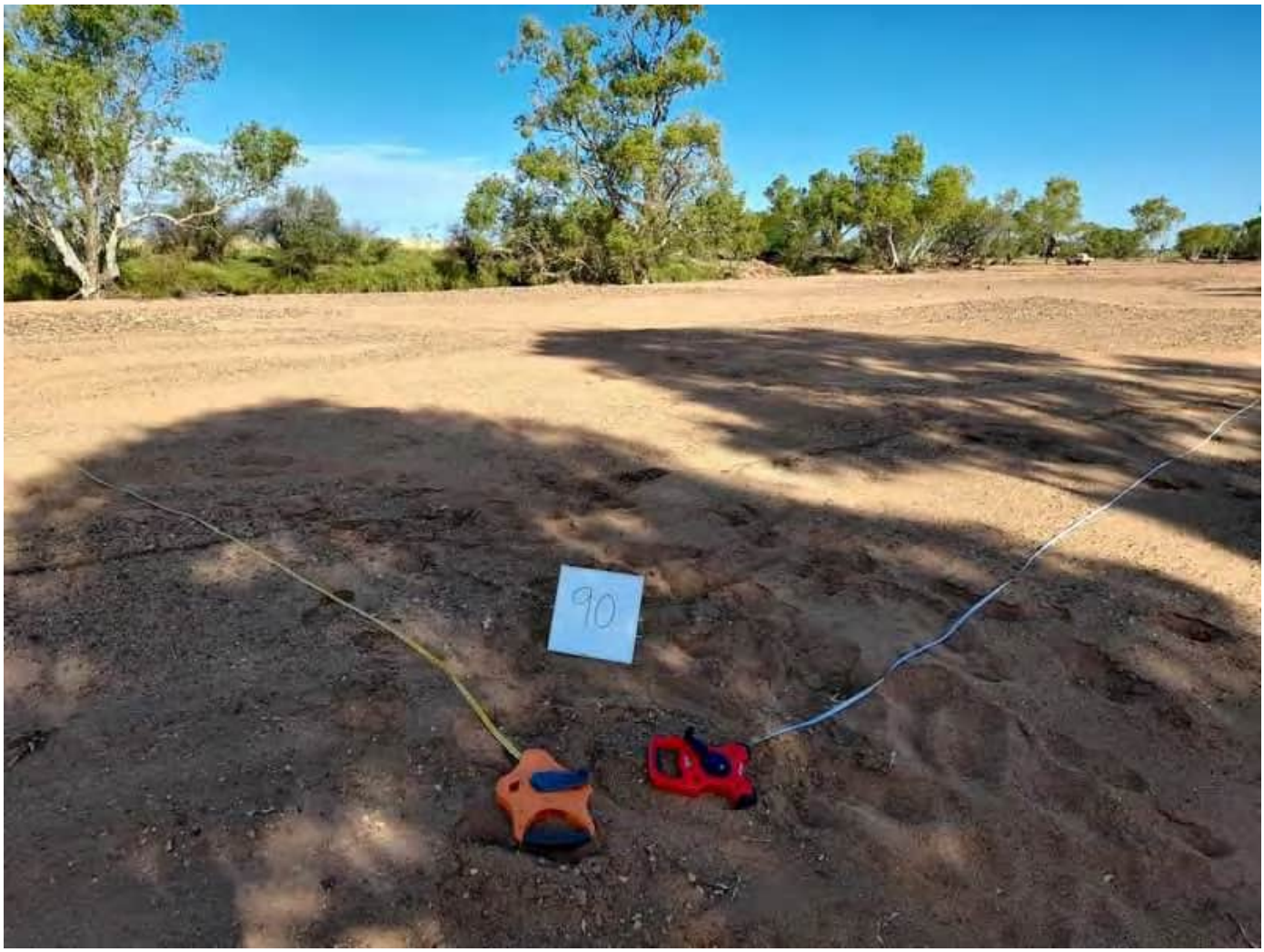
Date	11 April 2022
Botanist	Daniel Roberts and Kelly Hopkinson
Quadrat Size	50 x 50 m
NW Corner Coordinates	819599mE 7635955mN
Vegetation Unit	**AtTe** - *Acacia trachycarpa* and *Acacia ampliceps* Tall Open Shrubland over *Triodia epactia, Triodia longiceps* and **Cenchrus ciliaris* Tall Open Hummock Grassland.
Slope	Flat
Landform	Flood plain
Soil Colour	Light brown
Soil Type	Sandy loam
Litter	2%
Bare Ground	35%
Fire Age	5-10 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Weeds,Livestock



Species	Height (m)	% Cover
Atalaya hemiglauca	6	5
Acacia trachycarpa	3	15
Triodia epactia	1.5	3
Triodia longiceps	1	10
**Cenchrus ciliaris*	0.5	15
Corchorus parviflorus	0.5	2
Acacia pyrifolia var. *pyrifolia*		+
Afrohybanthus aurantiacus		+
Bonamia media		+
**Calotropis procera*		+
**Cenchrus setiger*		+
**Citrullus colocynthis*		+
Crotalaria cunninghamii subsp. *sturtii*		+
Cullen pustulatum		+
Dichrostachys spicata		+
Eragrostis eriopoda		+
Evolvulus alsinoides var. *villosicalyx*		+
Indigofera linnaei		+
Pluchea ferdinandi-muelleri		+
Pluchea tetranthera		+
Pterocaulon serrulatum var. *velutinum*		+
Ptilotus astrolasius		+
Sesbania cannabina		+
Tephrosia ?supina		+
Trianthema pilosum		+

Site 090

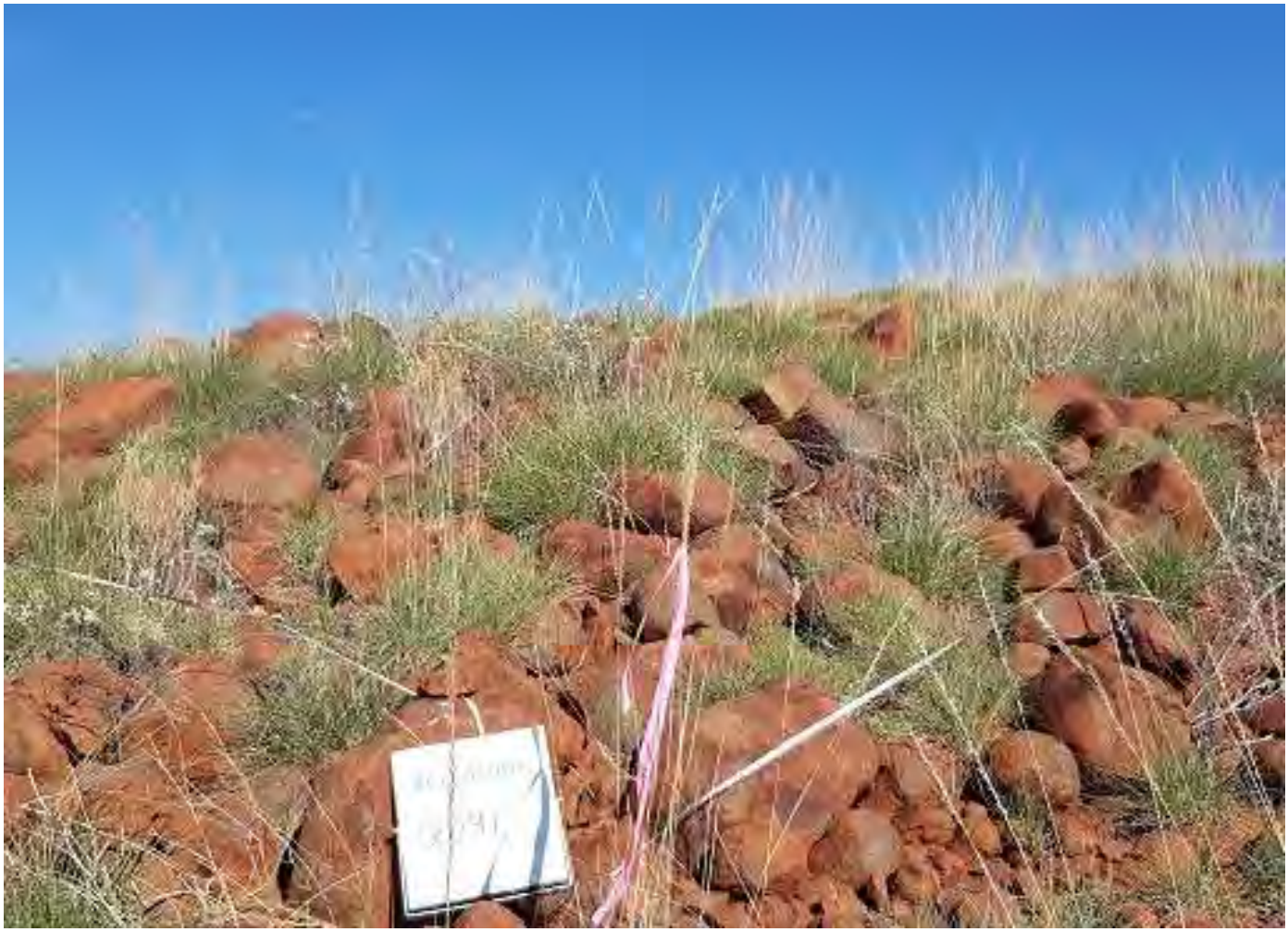
Date	6 April 2022
Botanist	Daniel Roberts and Kelly Hopkinson
Quadrat Size	50 x 50 m
NW Corner Coordinates	816949mE 7636141mN
Vegetation Unit	**EcTl** - *Eucalyptus camaldulensis* subsp. *refulgens* Mid Woodland over *Melaleuca* spp. and *Acacia ampliceps* Tall Sparse Shrubland over *Triodia longiceps* Sparse Mid Hummock Grassland.
Slope	Flat
Landform	Major Drainage line
Soil Colour	Light brown
Soil Type	Sand
Litter	1%
Bare Ground	85%
Fire Age	>10 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Weeds,Livestock



Species	Height (m)	% Cover
Eucalyptus camaldulensis subsp. *refulgens*	20	5
**Vachellia farnesiana*	2.5	2
**Cenchrus setiger*	0.5	5
Triodia longiceps	0.5	5
Cyperus vaginatus	0.5	2
Acacia pyrifolia var. *pyrifolia*		+
Acacia sp.		+
Acacia trachycarpa		+
Ammannia sp.		+
Atalaya hemiglauca		+
**Calotropis procera*		+
**Cenchrus ciliaris*		+
Corchorus parviflorus		+
Cullen pustulatum		+
Eulalia aurea		+
Ficus aculeata var. *indecora*		+
Pluchea ferdinandi-muelleri		+
Rhynchosia minima		+
Sida rohlenae subsp. *rohlenae*		+
Stemodia grossa		+

Site 091

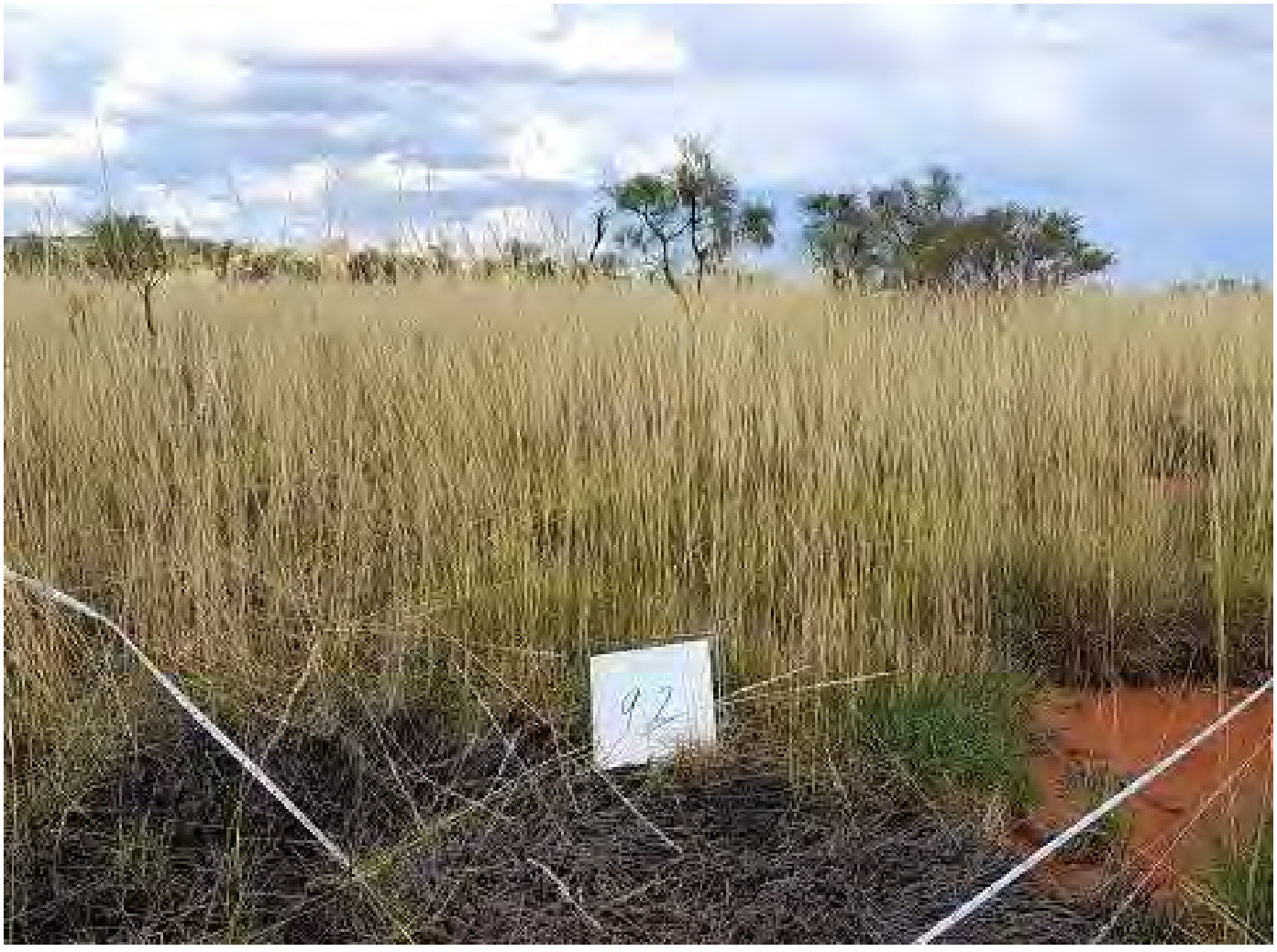
Date	6 April 2022
Botanist	Catherine Krens and Megan Young
Quadrat Size	50 x 50 m
NW Corner Coordinates	815227mE 7637313mN
Vegetation Unit	**AiCpTe2** - *Acacia inaequilatera, Acacia ancistrocarpa* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Sparse Shrubland over *Corchorus parviflorus* Low Isolated Shrubs over *Triodia epactia* Mid Hummock Grassland.
Slope	Moderate
Landform	Hill
Soil Colour	Orange Brown
Soil Type	Sandy clay
Litter	10%
Bare Ground	10%
Fire Age	5-10 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Nil



Species	Height (m)	% Cover
Acacia inaequilatera	1.8	0.5
Corchorus parviflorus	0.4	5
Triodia epactia	0.3	22
?*Aristida contorta*		+
Bonamia pilbarensis		+
Corchorus ?parviflorus		+
Euploca ?cunninghamii		+
Evolvulus alsinoides		+
Heliotropium sp.		+
Senna glutinosa subsp. *glutinosa*		+
Tephrosia rosea var. *clementii*		+
Tephrosia sp. Bungaroo Creek (M.E. Trudgen 11601)		+
Triumfetta clementii		+

Site 092

Date	6 April 2022
Botanist	Megan Gray and Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	815789mE 7639906mN
Vegetation Unit	**AiAaTe** - *Acacia inaequilatera* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Sparse Shrubland over *Acacia ancistrocarpa* and *Corchorus parviflorus* Isolated Mid Shrubs over *Triodia epactia* Mid Hummock Grassland.
Slope	Flat
Landform	Plain
Soil Colour	Red, brown
Soil Type	Sandy loam
Litter	10%
Bare Ground	35%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Livestock



Species	Height (m)	% Cover
Grevillea pyramidalis subsp. *leucadendron*	3.5	2
Acacia inaequilatera	3	0.5
Triodia epactia	1.5	50
Acacia trachycarpa		+
Alysicarpus muelleri		+
Bonamia erecta		+
Bonamia pilbarensis		+
Bulbostylis barbata		+
Corchorus parviflorus		+
Cucumis variabilis		+
Cymbopogon ambiguus		+
Enneapogon polyphyllus		+
Eragrostis eriopoda		+
Euphorbia australis var. *subtomentosa*		+
Goodenia microptera		+
Gossypium australe		+
Hakea lorea subsp. *lorea*		+
Indigofera sp.		+
Perotis rara		+
Polymeria ambigua		+
Rhynchosia minima		+
Senna artemisioides subsp. *oligophylla*		+
Sida spinosa		+
Solanum diversiflorum		+
Tephrosia supina		+

Site 093

Date	6 April 2022
Botanist	Megan Gray and Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	815170mE 7639845mN
Vegetation Unit	**AiAaTe** - *Acacia inaequilatera* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Sparse Shrubland over *Acacia ancistrocarpa* and *Corchorus parviflorus* Isolated Mid Shrubs over *Triodia epactia* Mid Hummock Grassland.
Slope	Gentle
Landform	Plain
Soil Colour	Red, Brown
Soil Type	Sandy loam
Litter	8%
Bare Ground	45%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Livestock



Species	Height (m)	% Cover
Grevillea pyramidalis subsp. *leucadendron*	4	4
Hakea lorea subsp. *lorea*	3	0.5
Triodia epactia	1.5	50
Evolvulus alsinoides var. *villosicalyx*	0.5	1
Acacia inaequilatera		+
Aristida holathera var. *holathera*		+
Bonamia erecta		+
**Cenchrus ciliaris*		+
**Cenchrus setiger*		+
Corchorus parviflorus		+
Corchorus walcottii		+
Eragrostis eriopoda		+
Indigofera linifolia		+
Perotis rara		+
Pluchea ferdinandi-muelleri		+
Pluchea tetranthera		+
Rhynchosia minima		+
Sida spinosa		+
Tephrosia supina		+
Trigastrotheca molluginea		+
Triumfetta chaetocarpa		+

Site 094

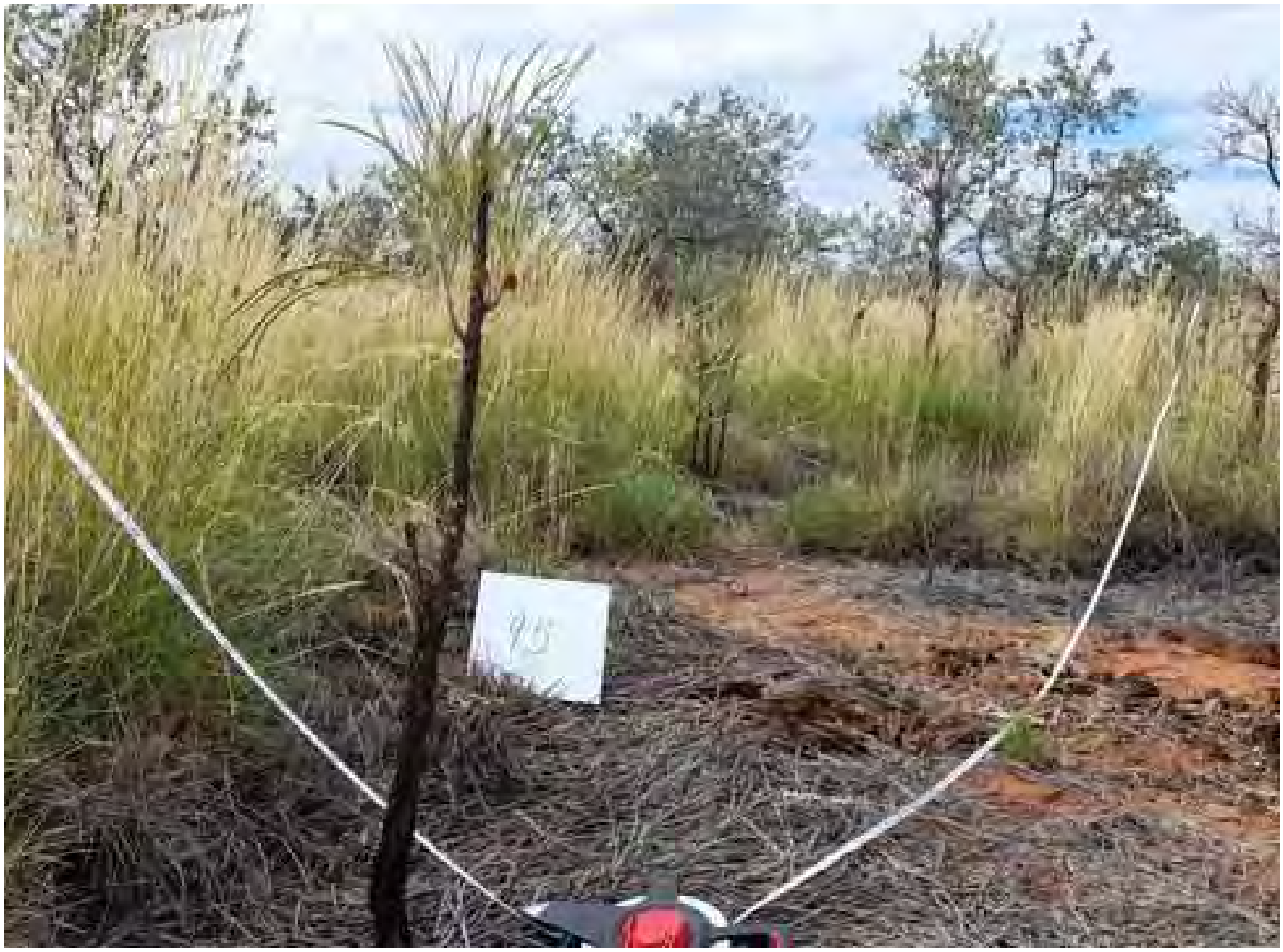
Date	5 April 2022
Botanist	Daniel Roberts and Kelly Hopkinson
Quadrat Size	50 x 50 m
NW Corner Coordinates	815999mE 7640266mN
Vegetation Unit	**AiCpTe2** - *Acacia inaequilatera, Acacia ancistrocarpa* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Sparse Shrubland over *Corchorus parviflorus* Low Isolated Shrubs over *Triodia epactia* Mid Hummock Grassland.
Slope	Gentle
Landform	Dolerite/diorite outcrop
Soil Colour	Red brown
Soil Type	Sandy loam
Litter	1%
Bare Ground	60%
Fire Age	3-5 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Nil



Species	Height (m)	% Cover
Acacia inaequilatera	2.5	2
Grevillea pyramidalis subsp. *leucadendron*	2.5	2
Corchorus parviflorus	0.5	2
Triodia epactia	0.5	35
Aristida holathera var. *holathera*		+
Bonamia pilbarensis		+
**Cenchrus ciliaris*		+
**Citrullus colocynthis*		+
Corchorus laniflorus		+
Cullen pustulatum		+
Cymbopogon ambiguus		+
Eragrostis cumingii		+
Eriachne mucronata		+
Evolvulus alsinoides var. *villosicalyx*		+
Grevillea wickhamii		+
Rhynchosia sp.		+

Site 095

Date	6 April 2022
Botanist	Megan Gray and Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	817176mE 7640196mN
Vegetation Unit	**AiAaTe** - *Acacia inaequilatera* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Sparse Shrubland over *Acacia ancistrocarpa* and *Corchorus parviflorus* Isolated Mid Shrubs over *Triodia epactia* Mid Hummock Grassland.
Slope	Gentle
Landform	Plain, with small drainage running thru in the middle
Soil Colour	Red, Brown
Soil Type	Sandy loam
Litter	20%
Bare Ground	6%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Livestock



Species	Height (m)	% Cover
Acacia inaequilatera	5	8
Grevillea pyramidalis subsp. *leucadendron*	3.5	2
Triodia epactia	1.5	42
Triodia angusta	1.0	5
Triodia wiseana	0.6	8
Abutilon sp. Dioicum (A.A. Mitchell PRP 1618)		+
Afrohybanthus aurantiacus		+
Boerhavia coccinea		+
**Calotropis procera*		+
**Cenchrus setiger*		+
Cenchrus sp.		+
**Citrullus colocynthis*		+
Corchorus parviflorus		+
Cucumis variabilis		+
Evolvulus alsinoides var. *villosicalyx*		+
Gossypium australe		+
Josephinia sp. Mt Edgar Station (N.T. Burbidge 1194)		+
Notoleptopus decaisnei		+
Paspalidium rarum		+
Pluchea ferdinandi-muelleri		+
Pluchea tetranthera		+
Pterocaulon sphacelatum		+
Rhynchosia minima		+
Senna notabilis		+
Sida spinosa		+
Tephrosia ?supina		+
Tephrosia supina		+
Triumfetta chaetocarpa		+
**Vachellia farnesiana*		+

Site 096

Date	6 April 2022
Botanist	Megan Gray and Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	819095mE 7640186mN
Vegetation Unit	**EcMa** - *Eucalyptus camaldulensis subsp. refulgens* and *Melaleuca argentea* Open Mid Woodland over *Acacia sericophylla*, *Acacia trachycarpa*, *Melaleuca glomerata* and *Melaleuca linophylla* Tall Sparse Shrubland over **Cenchrus setiger* and *Triodia longiceps* Sparse Mid Tussock Grassland.
Slope	Gentle
Landform	Major drainage line
Soil Colour	Brown
Soil Type	Loam
Litter	8%
Bare Ground	12%
Fire Age	>10 Years
Vegetation Condition	Good
Disturbances/Impacts	Livestock, weeds


96

Species	Height (m)	% Cover
Eucalyptus camaldulensis subsp. *refulgens*	12	4
Atalaya hemiglauca	5.5	1.5
Melaleuca glomerata	5	20
Acacia ampliceps	5	1
Cucumis variabilis	1.5	35
Cyperus bifax	1	5
**Cenchrus setiger*	0.5	30
**Aerva javanica*		+
Afrohybanthus aurantiacus		+
Amaranthus undulatus		+
Arivela viscosa		+
Bulbostylis barbata		+
Calandrinia tepperiana		+
**Calotropis procera*		+
Cassytha filiformis		+
**Cenchrus ciliaris*		+
**Chloris barbata*		+
**Citrullus colocynthis*		+
Dactyloctenium radulans		+
Eragrostis exigua		+
Euphorbia coghlanii		+
Evolvulus alsinoides var. *villosicalyx*		+
Operculina aequisepala		+
Stemodia grossa		+
Vigna lanceolata var. *lanceolata*		+
Acacia trachycarpa		Associated

Site 097

Date	11 April 2022
Botanist	Daniel Roberts and Kelly Hopkinson
Quadrat Size	50 x 50 m
NW Corner Coordinates	819880mE 7646650mN
Vegetation Unit	**AtTe** - *Acacia trachycarpa* and *Acacia ampliceps* Tall Open Shrubland over *Triodia epactia, Triodia longiceps* and **Cenchrus ciliaris* Tall Open Hummock Grassland.
Slope	Flat
Landform	Flood plain
Soil Colour	Light brown
Soil Type	Sand
Litter	5%
Bare Ground	60%
Fire Age	5-10 Years
Vegetation Condition	Good
Disturbances/Impacts	Weeds,Livestock



Species	Height (m)	% Cover
Atalaya hemiglauca	3.5	2
Acacia trachycarpa	3	20
Triodia longiceps	2	2
Triodia epactia	1.5	15
Pluchea ferdinandi-muelleri	1	2
**Cenchrus ciliaris*	0.5	5
Corchorus parviflorus	0.5	5
**Aerva javanica*		+
Afrohybanthus aurantiacus		+
Amaranthus undulatus		+
Arivela viscosa		+
Boerhavia burbidgeana		+
Boerhavia coccinea		+
Bonamia media		+
Bulbostylis barbata		+
**Cenchrus setiger*		+
Chrysocephalum apiculatum subsp. *pilbarense*		+
Crotalaria cunninghamii subsp. *sturtii*		+
Cucumis variabilis		+
Cullen pustulatum		+
Cymbopogon ambiguus		+
Dichrostachys spicata		+
**Eragrostis minor*		+
Euphorbia australis var. *subtomentosa*		+
Euploca ? cunninghamii		+
Hibiscus austrinus var. *austrinus*		+
Hypertelis cerviana		+
Indigofera linifolia		+
Portulaca oleracea		+
Senna notabilis		+
Sesbania cannabina		+
Trianthema pilosum		+
Trigastrotheca molluginea		+
**Vachellia farnesiana*		+

Site 098

Date	12 April 2022
Botanist	Daniel Roberts and Kelly Hopkinson
Quadrat Size	50 x 50 m
NW Corner Coordinates	823699mE 7645845mN
Vegetation Unit	**AtTe** - *Acacia trachycarpa* and *Acacia ampliceps* Tall Open Shrubland over *Triodia epactia, Triodia longiceps* and **Cenchrus ciliaris* Tall Open Hummock Grassland.
Slope	Flat
Landform	Minor Drainage
Soil Colour	Red Brown
Soil Type	Sand
Litter	5%
Bare Ground	60%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Weeds,Livestock



Species	Height (m)	% Cover
Acacia ampliceps	2.5	10
Cullen pustulatum	2	5
Acacia inaequilatera	1.5	3
Triodia epactia	1	20
Cyperus dactylotes	0.5	5
Pluchea ferdinandi-muelleri	0.5	5
Arivela viscosa		+
Atalaya hemiglauca		+
Boerhavia coccinea		+
Bulbostylis barbata		+
**Calotropis procera*		+
**Cenchrus ciliaris*		+
**Cenchrus setiger*		+
**Chloris virgata*		+
Corchorus parviflorus		+
Cucumis variabilis		+
Cymbopogon ambiguus		+
Dactyloctenium radulans		+
Eragrostis cumingii		+
Euphorbia biconvexa		+
Grevillea pyramidalis subsp. *leucadendron*		+
Hakea lorea subsp. *lorea*		+
Perotis rara		+
Pluchea rubelliflora		+
Senna notabilis		+
Sesbania cannabina		+
Sida rohlenae subsp. *rohlenae*		+
Sporobolus actinocladus		+
Stemodia grossa		+
**Vachellia farnesiana*		+

Site 099

Date	12 April 2022
Botanist	Daniel Roberts and Kelly Hopkinson
Quadrat Size	50 x 50 m
NW Corner Coordinates	825648mE 7642851mN
Vegetation Unit	**AtTe** - *Acacia trachycarpa* and *Acacia ampliceps* Tall Open Shrubland over *Triodia epactia, Triodia longiceps* and **Cenchrus ciliaris* Tall Open Hummock Grassland.
Slope	Flat
Landform	Medium drainage line
Soil Colour	Light brown
Soil Type	Sand
Litter	5%
Bare Ground	65%
Fire Age	>10 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Weeds and livestock



Species	Height (m)	% Cover
Acacia ampliceps	3	20
**Calotropis procera*	2.5	2
Triodia epactia	1.5	15
Cyperus vaginatus	1	5
Acacia pyrifolia var. *pyrifolia*		+
Amaranthus undulatus		+
Arivela viscosa		+
Calandrinia tepperiana		+
**Chloris barbata*		+
Cullen pustulatum		+
Dactyloctenium radulans		+
Diplachne fusca subsp. *fusca*		+
Euphorbia biconvexa		+
Indigofera linnaei		+
Ipomoea muelleri		+
Perotis rara		+
Pluchea ferdinandi-muelleri		+
Sesbania cannabina		+
Stemodia viscosa		+

Site 100

Date	7 April 2022
Botanist	Catherine Krens and Megan Young
Quadrat Size	25 x 100 m
NW Corner Coordinates	830867mE 7641802mN
Vegetation Unit	**AtTe** - *Acacia trachycarpa* and *Acacia ampliceps* Tall Open Shrubland over *Triodia epactia, Triodia longiceps* and **Cenchrus ciliaris* Tall Open Hummock Grassland.
Slope	Flat
Landform	Drainage line
Soil Colour	Light brown
Soil Type	Sand gravel
Litter	7%
Bare Ground	60%
Fire Age	3-5 Years
Vegetation Condition	Good
Disturbances/Impacts	Livestock, Weeds



Species	Height (m)	% Cover
Acacia ampliceps	2.8	3
Acacia trachycarpa	2.5	5
Crotalaria cunninghamii subsp. *sturtii*	1	0.5
Triodia longiceps	0.4	10
Arivela viscosa		+
**Cenchrus ciliaris*		+
**Cenchrus setiger*		+
Corchorus parviflorus		+
Crotalaria ? cunninghamii subsp. *sturtii*		+
Cucumis variabilis		+
Cullen pustulatum		+
Cymbopogon ambiguus		+
Cyperus bulbosus		+
Dactyloctenium radulans		+
Eriachne benthamii		+
Euphorbia australis var. *subtomentosa*		+
Euphorbia coghlanii		+
Hibiscus ? sturtii		+
Hibiscus austrinus var. *austrinus*		+
Indigofera linifolia		+
Nellica maderaspatensis		+
Pluchea ferdinandi-muelleri		+
Rhynchosia sp.		+
Senna notabilis		+
Sesbania cannabina		+
Stemodia grossa		+
Stemodia viscosa		+
Vigna sp. Hamersley Clay (A.A. Mitchell PRP 113)		+

Site 101

Date	6 April 2022
Botanist	Megan Gray and Olga Nazarova
Quadrat Size	25 x 100 m
NW Corner Coordinates	822524mE 7642851mN
Vegetation Unit	**EcTl** - *Eucalyptus camaldulensis* subsp. *refulgens* Mid Woodland over *Melaleuca* spp. and *Acacia ampliceps* Tall Sparse Shrubland over *Triodia longiceps* Sparse Mid Hummock Grassland.
Slope	Flat
Landform	River bed
Soil Colour	Orange/yellow
Soil Type	Sand
Litter	0.1%
Bare Ground	95%
Fire Age	>10 Years
Vegetation Condition	Good
Disturbances/Impacts	Livestock, weeds



Species	Height (m)	% Cover
Eucalyptus camaldulensis subsp. *refulgens*	9	2
**Calotropis procera*	4	2
Acacia ampliceps	4	1
Triodia ? angusta	0.8	0.5
**Cenchrus ciliaris*	0.6	0.5
Cyperus vaginatus	0.6	0.1
Afrohybanthus aurantiacus		+
Amaranthus undulatus		+
Arivela viscosa		+
Boerhavia coccinea		+
Calandrinia tepperiana		+
Cassytha filiformis		+
**Cenchrus setiger*		+
**Chloris barbata*		+
**Citrullus colocynthis*		+
Corchorus parviflorus		+
Corchorus tridens		+
Crotalaria cunninghamii subsp. *sturtii*		+
Cucumis variabilis		+
Cullen pustulatum		+
Dactyloctenium radulans		+
Eragrostis eriopoda		+
Melaleuca glomerata		+
Nellica maderaspatensis		+
Pluchea ferdinandi-muelleri		+
Pluchea rubelliflora		+
Solanum diversiflorum		+
Sporobolus actinocladus		+
Stemodia grossa		+
Trianthema triquetrum		+
Melaleuca bracteata		Associated
**Vachellia farnesiana*		Associated

Site 102

Date	11 April 2022
Botanist	Megan Gray and Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	824277mE 7637049mN
Vegetation Unit	**AtTe** - *Acacia trachycarpa* and *Acacia ampliceps* Tall Open Shrubland over *Triodia epactia, Triodia longiceps* and **Cenchrus ciliaris* Tall Open Hummock Grassland.
Slope	Gentle
Landform	Medium drainage line
Soil Colour	Orange Brown
Soil Type	Sandy loam
Litter	5%
Bare Ground	60%
Fire Age	5-10 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Livestock, weeds



Species	Height (m)	% Cover
Acacia ampliceps	5	5
Triodia wiseana	2.0	10
Cyperus bifax	0.6	0.2
**Cenchrus setiger*	0.4	2
Acacia trachycarpa		+
Amaranthus undulatus		+
Arivela viscosa		+
Atalaya hemiglauca		+
Boerhavia coccinea		+
Calandrinia tepperiana		+
Cassytha capillaris		+
**Chloris barbata*		+
Commelina ensifolia		+
Corchorus parviflorus		+
Dactyloctenium radulans		+
Diplachne fusca subsp. *fusca*		+
Enneapogon lindleyanus		+
Euphorbia australis var. *subtomentosa*		+
Euphorbia coghlanii		+
Indigofera sp.		+
Indigofera trita ?subsp. *trita*		+
Melaleuca glomerata		+
Rhynchosia minima		+
Senna notabilis		+
Sesbania cannabina		+
Solanum diversiflorum		+
Solanum horridum		+
Stemodia grossa		+

Site 103R

Date	7 April 2022
Botanist	Megan Gray and Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	792296mE 7632303mN
Vegetation Unit	**AiAaTe** - *Acacia inaequilatera* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Sparse Shrubland over *Acacia ancistrocarpa* and *Corchorus parviflorus* Isolated Mid Shrubs over *Triodia epactia* Mid Hummock Grassland.
Slope	Flat
Landform	Plain
Soil Colour	Red/brown
Soil Type	Sandy loam
Litter	0.1%
Bare Ground	95%
Fire Age	3-5 Years
Vegetation Condition	Good
Disturbances/Impacts	Livestock, weeds and recent fire



Species	Height (m)	% Cover
Corymbia hamersleyana	6.5	1
Acacia inaequilatera	6	2
Grevillea pyramidalis subsp. *leucadendron*	6	2
Triodia epactia	0.3	0.5
Senna artemisioides subsp. *oligophylla*	0.1	0.5
**Aerva javanica*		+
Arivela viscosa		+
Boerhavia coccinea		+
Bonamia pannosa		+
Bonamia pilbarensis		+
Corchorus parviflorus		+
Eragrostis dielsii		+
Eriachne aristidea		+
Euphorbia australis var. *subtomentosa*		+
Goodenia microptera		+
Ipomoea muelleri		+
Portulaca oleracea		+
Ptilotus auriculifolius		+
Tribulus hirsutus		+
Trigastrotheca molluginea		+

Site 104

Date	17 October 2022
Botanist	Julie Fielder, Megan Gray, and Kelly Hopkinson
Quadrat Size	50 x 50 m
NW Corner Coordinates	725533.48 mE 7650616.76 mN
Vegetation Unit	**Tw1** - *Triodia wiseana* Low Hummock Grassland.
Slope	Rocky ridge with drainage lines
Landform	Steep
Soil Colour	Brown
Soil Type	Silty loam
Litter	0.1%
Bare Ground	0%
Fire Age	3-5 Years
Vegetation Condition	Excellent
Disturbances/Impacts	None



Species	Height (m)	% Cover
Acacia inaequilatera	3	1.5
Corchorus incanus subsp. *incanus*	0.5	1.5
Triodia wiseana	0.4	20
?*Afrohybanthus* sp.		+
Acacia inaequilatera		+
Acacia orthocarpa		+
Bonamia media		+
Eriachne obtusa		+
Eriachne pulchella subsp. *pulchella*		+
Hakea lorea subsp. *lorea*		+
Tribulus platypterus		+
Trigastrotheca molluginea		+
Euphorbia inappendiculata var. *inappendiculata*		+

Site 105

Date	17 October 2022
Botanist	Julie Fielder, Megan Gray, and Kelly Hopkinson
Quadrat Size	50 x 50 m
NW Corner Coordinates	752041.09 mE 7646312.72 mN
Vegetation Unit	**ElAtTe** - *Eucalyptus leucophloia* subsp. *leucophloia* Low Isolated Trees over *Acacia inaequilatera* and *Acacia tumida* var. *pilbarensis* Tall Sparse Shrubland over *Triodia epactia* and *Triodia brizoides* Mid Hummock Grassland.
Slope	Mesa ridge and midslope
Landform	Steep
Soil Colour	Dark brown
Soil Type	Siltyy loam
Litter	0.1%
Bare Ground	0%
Fire Age	3-5 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Nil



Species	Height (m)	% Cover
Eucalyptus sp.	4	0.1
Corymbia sp. 2	3	0.1
Acacia tumida var. *pilbarensis*	3	5
Acacia inaequilatera	2	1
Triodia brizoides	0.5	4
Triodia ? epactia	0.4	40
Acacia inaequilatera		+
Goodenia scaevolina		+
Grevillea wickhamii		+
Senna glutinosa subsp. *glutinosa*		+

Site 106

Date	16 October 2022
Botanist	Julie Fielder, Megan Gray, and Kelly Hopkinson
Quadrat Size	80 x 31.25 m
NW Corner Coordinates	758659.29 mE 7643119.68 mN
Vegetation Unit	**ChTe** - ?*Corymbia hamersleyana* and *Brachychiton acuminatus* Low Isolated Trees over *Triodia epactia, *Cenchrus ciliaris* and *Cymbopogon ambiguus* Sparse Mid Hummock Grassland.
Slope	Simple slope
Landform	Steep
Soil Colour	None
Soil Type	None
Litter	0.5%
Bare Ground	0%
Fire Age	3-5 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Weeds, rock excludes fire disturbance.



Species	Height (m)	% Cover
Brachychiton acuminatus	6	1
Atalaya hemiglauca	4	0.5
Ehretia saligna var. *saligna*	4	0.5
**Aerva javanica*	0.8	1
Gossypium australe	0.7	0.8
Cenchrus ciliaris	0.6	1
Aristida burbidgeae		+
Boerhavia gardneri		+
Clerodendrum floribundum var. *angustifolium*		+
Corchorus incanus subsp. *incanus*		+
Cucumis variabilis		+
Enneapogon lindleyanus		+
Eriachne obtusa		+
Euphorbia boophthona		+
Evolvulus alsinoides var. *villosicalyx*		+
Rhynchosia sp.		+
Tinospora smilacina		+
Zaleya galericulata subsp. *galericulata*		+

Site 107

Date	16 October 2022
Botanist	Julie Fielder, Megan Gray, and Kelly Hopkinson
Quadrat Size	10 x 250 m
NW Corner Coordinates	806228.78 mE 7621167.79 mN
Vegetation Unit	**ChTe** - ?*Corymbia hamersleyana* and *Brachychiton acuminatus* Low Isolated Trees over *Triodia epactia, *Cenchrus ciliaris* and *Cymbopogon ambiguus* Sparse Mid Hummock Grassland.
Slope	Residual rise
Landform	Steep
Soil Colour	Red brown
Soil Type	Silty clay
Litter	0%
Bare Ground	70%
Fire Age	3-5 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Horses



Species	Height (m)	% Cover
Ficus brachypoda	5	0.1
Grevillea wickhamii	3	2
Triodia epactia	0.6	2
Triodia wiseana	0.6	30
Aristida burbidgeae		+
Cenchrus ciliaris		+
Corchorus parviflorus		+
Cucumis variabilis		+
Cymbopogon ambiguus		+
Cyperus hesperius		+
Eriachne obtusa		+
Ficus brachypoda		+
Grevillea wickhamii		+
Hibiscus goldsworthii		+
Sida rohlenae subsp. *rohlenae*		+
Triumfetta maconochieana		+

Site 108

Date	16 October 2022
Botanist	Julie Fielder, Megan Gray, and Kelly Hopkinson
Quadrat Size	10 x 250 m
NW Corner Coordinates	811524.69 mE 7630513.6 mN
Vegetation Unit	**CcTe** - *Corymbia candida* subsp. *candida* and *Eucalyptus leucophloia* subsp. *leucophloia* Low Open Woodland over *Triodia epactia* Low Hummock Grassland.
Slope	Mesa on ridge
Landform	Moderately inclined
Soil Colour	Brown
Soil Type	Silty loam
Litter	2%
Bare Ground	60%
Fire Age	3-5 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Nil



Species	Height (m)	% Cover
Corymbia candida subsp. *candida*	4	2
Eucalyptus leucophloia subsp. *leucophloia*	4	2
Triodia ? epactia	0.3	20
Triodia ? brizoides	0.2	20
Atalaya hemiglauca		+
Corymbia sp. 2		+
Cymbopogon ambiguus		+
Cyperus hesperius		+
Dysphania rhadinostachya subsp. *rhadinostachya*		+
Eriachne obtusa		+
Ficus brachypoda		+
Gomphrena cunninghamii		+
Gossypium australe		+
Hakea lorea subsp. *lorea*		+
Hibiscus coatesii		+
Indigofera monophylla		+
Pterocaulon sphacelatum		+
Ptilotus obovatus		+
Senna glutinosa subsp. *glutinosa*		+
Sida sp. 1		+
Solanum horridum		+
Solanum phlomoides		+
Trichodesma zeylanicum		+
Triodia epactia		+

Site 109

Date	16 October 2022
Botanist	Julie Fielder, Megan Gray, and Kelly Hopkinson
Quadrat Size	50 x 50 m
NW Corner Coordinates	814050.18 mE 7629934.56 mN
Vegetation Unit	**CspTb** - *Corymbia* sp. 1 and *Corymbia hamersleyana* Low Isolated Trees over *Acacia inaequilatera* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Sparse Shrubs over *Triodia wiseana* and *Triodia epactia* Low Open Hummock Grassland.
Slope	Steep
Landform	Ridge
Soil Colour	Dark brown
Soil Type	Silty clay
Litter	0.1%
Bare Ground	0%
Fire Age	1-3 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Nil



Species	Height (m)	% Cover
Corymbia sp. 1	3	0.5
Acacia inaequilatera	2.5	0.5
Grevillea pyramidalis subsp. *leucadendron*	2	0.5
Acacia spondylophylla	0.4	0.5
Triodia epactia	0.2	2
Triodia wiseana	0.2	15
Abutilon sp. Dioicum (A.A. Mitchell PRP 1618)		+
Acacia pyrifolia		+
Afrohybanthus aurantiacus		+
Bonamia ? media		+
Bonamia media		+
Cheilanthes sp.		+
Corchorus parviflorus		+
Cymbopogon ambiguus		+
Dysphania rhadinostachya subsp. *rhadinostachya*		+
Enneapogon lindleyanus		+
Eriachne obtusa		+
Euphorbia australis var. *subtomentosa*		+
Euphorbia inappendiculata var. *inappendiculata*		+
Ficus brachypoda		+
Gomphrena canescens		+
Goodenia cusackiana		+
Goodenia nuda		+
Grevillea wickhamii		+
Gymnema erectum		+
Hibiscus coatesii		+
Polycarpaea longiflora		+
Ptilotus astrolasius		+
Ptilotus auriculifolius		+
Ptilotus calostachyus		+
Rhynchosia sp.		+
Senna artemisioides subsp. *oligophylla*		+
Senna notabilis		+
Themeda ? triandra		+
Tribulus suberosus		+
Trigastrotheca molluginea		+
Triodia ? brizoides		+
Triumfetta maconochieana		+
Waltheria virgata		+

Site 110

Date	16 October 2022
Botanist	Julie Fielder, Megan Gray, and Kelly Hopkinson
Quadrat Size	20 x 125 m
NW Corner Coordinates	814738.34 mE 7633961.78 mN
Vegetation Unit	**AiCpTe2** - *Acacia inaequilatera, Acacia ancistrocarpa* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Sparse Shrubland over *Corchorus parviflorus* Low Isolated Shrubs over *Triodia epactia* Mid Hummock Grassland.
Slope	Steep
Landform	Ridge
Soil Colour	Brown
Soil Type	Silty loam
Litter	0.1%
Bare Ground	95%
Fire Age	5-10 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Weeds



Species	Height (m)	% Cover
Grevillea pyramidalis subsp. *leucadendron*	4	0.2
Acacia inaequilatera	3	0.3
Triodia epactia	0.6	30
Cenchrus ciliaris	0.3	5
Acacia bivenosa		+
Boerhavia gardneri		+
Corchorus parviflorus		+
Crotalaria cunninghamii subsp. *sturtii*		+
Cucumis variabilis		+
Cymbopogon ambiguus		+
Gomphrena cunninghamii		+
Grevillea wickhamii		+
Indigofera sp.		+
Nicotiana benthamiana		
Tephrosia densa		+
Triodia ? epactia		+

Site 111

Date	18 October 2022
Botanist	Julie Fielder, Megan Gray, and Kelly Hopkinson
Quadrat Size	20 x 125 m
NW Corner Coordinates	755884.65 mE 7638773.54 mN
Vegetation Unit	**ChTe** - ?*Corymbia hamersleyana* and *Brachychiton acuminatus* Low Isolated Trees over *Triodia epactia, *Cenchrus ciliaris* and *Cymbopogon ambiguus* Sparse Mid Hummock Grassland.
Slope	Steep
Landform	Rocky ridge
Soil Colour	Dark brown
Soil Type	Silty loam
Litter	4%
Bare Ground	65%
Fire Age	3-5 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Weeds, some areas burnt on edge of rock and in drainage lines



Species	Height (m)	% Cover
Brachychiton acuminatus	4.5	0.5
Ptilotus auriculifolius	3.5	1
Ficus aculeata var. *indecora*	3	0.5
Aristida burbidgeae	0.6	3
Triodia epactia	0.3	2
**Cenchrus ciliaris*	0.3	1
**Aerva javanica*		+
Amaranthus undulatus		+
Boerhavia gardneri		+
Brachychiton acuminatus		+
Cajanus pubescens		+
**Cenchrus ciliaris*		+
Clerodendrum floribundum var. ?*angustifolium*		+
Corchorus parviflorus		+
Cucumis variabilis		+
Cymbopogon ambiguus		+
Eriachne obtusa		+
Eucalyptus sp.		+
Flueggea virosa subsp. *melanthesoides*		+
Heliotropium crispatum		+
Hibiscus goldsworthii		+
Pterocaulon sphacelatum		+
Ptilotus auriculifolius		+
Ptilotus incanus		+
Solanum gabrielae		+
Solanum horridum		+
Tinospora smilacina		+
Trichodesma zeylanicum		+
Triodia ? brizoides		+
Triodia wiseana		+
Triumfetta maconochieana		+

Site B2

Date	10 April 2022
Botanist	Megan Gray and Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	795053mE 7630559mN
Vegetation Unit	**AhAtTa** - *Atalaya hemiglauca* Low Isolated Trees over *Acacia trachycarpa* Tall Sparse Shrubland over *Triodia angusta, Triodia longiceps* and **Cenchrus setiger* Low Open Hummock Grassland.
Slope	Gentle
Landform	Medium drainage line
Soil Colour	Light brown
Soil Type	Sand
Litter	1%
Bare Ground	95%
Fire Age	3-5 Years
Vegetation Condition	Good
Disturbances/Impacts	Livestock, weeds, Fire



Species	Height (m)	% Cover
Acacia trachycarpa	5	8
Triodia angusta	1	5
Cyperus bifax	0.8	1
Pluchea ferdinandi-muelleri	0.5	1.5
Achyranthes aspera		+
Afrohybanthus aurantiacus		+
Amaranthus undulatus		+
Arivela viscosa		+
Boerhavia coccinea		+
**Cenchrus setiger*		+
Commelina ensifolia		+
Corchorus parviflorus		+
Crotalaria cunninghamii subsp. *sturtii*		+
Cucumis variabilis		+
Euphorbia australis var. *subtomentosa*		+
Heliotropium crispatum		+
Notoleptopus decaisnei		+
Portulaca oleracea		+
Rhynchosia minima		+
Senna notabilis		+
Solanum diversiflorum		+
Trianthema triquetrum		+
**Vachellia farnesiana*		+

Site B3

Date	10 April 2022
Botanist	Megan Gray and Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	794649mE 7638628mN
Vegetation Unit	**ChAcTw** - *Corymbia hamersleyana* Low Isolated Trees over *Acacia colei* Tall Sparse Shrubland over *Triodia wiseana* and *Chrysopogon fallax* Mid Hummock Grassland.
Slope	Gentle
Landform	Minor slope
Soil Colour	Light brown
Soil Type	Sandy loam
Litter	1%
Bare Ground	10%
Fire Age	3-5 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Livestock



Species	Height (m)	% Cover
Acacia bivenosa		+
Acacia colei		+
Chrysopogon fallax		+
Corchorus parviflorus		+
Corymbia hamersleyana		+
Goodenia microptera		+
Gossypium australe		+
Grevillea pyramidalis subsp. *leucadendron*		+
Hakea lorea subsp. *lorea*		+
Indigofera deserticola		+
Ipomoea coptica		+
Scaevola amblyanthera var. *centralis*		+
Synaptantha tillaeacea var. *tillaeacea*		+
Tephrosia sp. Bungaroo Creek (M.E. Trudgen 11601)		+
Triodia wiseana		+

Site F001

Date	14/05/2023
Botanist	Sarah Beckwith and Taryn Brebner
Quadrat Size	50 m x 50 m
NW Corner Coordinates	767334.98 mE 7635914.89 mN
Vegetation Unit	**AiCpTb** - *Acacia inaequilatera* Tall Sparse Shrubland over *Corchorus parviflorus* Low Sparse Shrubland over *Triodia brizoides* Low Hummock Grassland.
Slope	Lower Slope
Landform	Moderate
Soil Colour	Brown
Soil Type	Shallow loam on skeletal rock
Litter	1%
Bare Ground	1%
Fire Age	1-3 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Old fire scar



Species	Height (m)	% Cover
Acacia inaequilatera	2	1
Grevillea pyramidalis subsp. *leucadendron*	2	1
Acacia pyrifolia var. *pyrifolia*	0.2	2
Corchorus parviflorus	0.2	2
Triodia epactia	0.1	35
Acacia ptychophylla		+
Bonamia pilbarensis		+
Cucumis variabilis		+
Dampiera candicans		+
Dolichocarpa crouchiana		+
Euphorbia australis var. *subtomentosa*		+
Euphorbia tannensis subsp. *eremophila*		+
Goodenia cusackiana		+
Goodenia stobbsiana		+
Heliotropium crispatum		+
Ptilotus auriculifolius		+
Ptilotus calostachyus		+
Senna notabilis		+
Solanum diversiflorum		+
Solanum horridum		+
Solanum horridum		+
Streptoglossa decurrens		+
Tephrosia virens		+
Tribulus platypterus		+
Trichodesma zeylanicum		+
Triumfetta maconochieana		+

Site F002

Date	14/05/2023
Botanist	Sarah Beckwith and Taryn Brebner
Quadrat Size	25 m x 100 m
NW Corner Coordinates	766237.19 mE 7635120.05 mN
Vegetation Unit	**EvMlTe** - *Eucalyptus victrix* Mid Woodland over *Melaleuca linophylla, Melaleuca glomerata* and *Acacia* spp. Tall Open Shrubland over *Triodia epactia, Triodia longiceps* and **Cenchrus ciliaris* Open Mid Hummock Grassland.
Slope	Drainage
Landform	Gentle
Soil Colour	Brown red
Soil Type	Sandy loam
Litter	4%
Bare Ground	25%
Fire Age	>10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Cattle tracks



Species	Height (m)	% Cover
Eucalyptus victrix	12	15
Corymbia hamersleyana	6	1
Melaleuca glomerata	4	2
Cyperus vaginatus	1	10
**Cenchrus ciliaris*	0.7	60
Themeda triandra	0.7	5
Acacia bivenosa		+
Acacia colei		+
Acacia eriopoda		+
Acacia inaequilatera		+
Acacia pyrifolia var. *pyrifolia*		+
Afrohybanthus aurantiacus		+
Arivela viscosa		+
Corchorus parviflorus		+
Crotalaria medicaginea var. *neglecta*		+
Cucumis variabilis		+
Euphorbia australis var. *subtomentosa*		+
Euphorbia coghlanii		+
Heliotropium crispatum		+
Senna notabilis		+
Solanum diversiflorum		+
Trianthema triquetrum		+
**Vachellia farnesiana*		+

Site F003

Date	08/05/2023
Botanist	Sarah Beckwith and Taryn Brebner
Quadrat Size	50 m x 50 m
NW Corner Coordinates	765262.4 mE 7633202.11 mN
Vegetation Unit	**AbAlTe** - *Acacia bivenosa* Isolated Mid Shrubs over *Acacia levata* and *Acacia colei* ?var *colei* Low Isolated Shrubs over *Triodia epactia* Low Hummock Grassland.
Slope	Lower Slope
Landform	Gentle
Soil Colour	Light brown-orange
Soil Type	Sandy loam
Litter	2%
Bare Ground	5%
Fire Age	>10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Cows grazing



Species	Height (m)	% Cover
Acacia bivenosa	1.5	3
Acacia levata	1	1
Triodia epactia	0.3	60
Acacia sp. *1*		+
Eremophila latrobei subsp. *glabra*		+
Evolvulus alsinoides var. *villosicalyx*		+
Goodenia cusackiana		+
Haloragis ? gossei		+
Polycarpaea corymbosa var. *corymbosa*		+
Polygala isingii		+
Senna glutinosa subsp. *pruinosa*		+
Triumfetta chaetocarpa		+

Site F004

Date	08/05/2023
Botanist	Megan Gray and Aishwarya Gujarathi
Quadrat Size	50 m x 50 m
NW Corner Coordinates	765537.79 mE 7633087.95 mN
Vegetation Unit	**AbAlTe** - *Acacia bivenosa* and *Senna symonii* Isolated Mid Shrubs over *Acacia levata* and *Acacia stellaticeps* Low Isolated Shrubs over *Triodia epactia* Low Hummock Grassland.
Slope	Gentle
Landform	Mid Slope
Soil Colour	Pale orange
Soil Type	Loamy sand
Litter	3%
Bare Ground	40%
Fire Age	5-10 Years
Vegetation Condition	Very Good-Excellent
Disturbances/Impacts	Weeds, cows



Species	Height (m)	% Cover
Acacia bivenosa	1.2	1
Senna symonii	1.2	0.8
Acacia stellaticeps	0.8	1.5
Triodia epactia	0.4	38
Triodia longiceps	0.4	2
Acacia bivenosa		+
Acacia levata		+
Acacia ptychophylla		+
Aristida contorta		+
Bonamia pannosa		+
Bulbostylis barbata		+
Bulbostylis turbinata		+
Evolvulus alsinoides var. *villosicalyx*		+
Goodenia cusackiana		+
Gossypium australe		+
Haloragis ? gossei		+
Panicum australiense		+
Polycarpaea holtzei		+
Polygala isingii		+
Portulaca oleracea		+
Sclerolaena densiflora		+
Senna glutinosa subsp. *glutinosa*		+
Senna symonii		+
Sporobolus australasicus		+
Synaptantha tillaeacea var. *tillaeacea*		+
Triumfetta chaetocarpa		+
Eucalyptus victrix		Associated

Site F005

Date	09/05/2023
Botanist	Megan Gray and Aishwarya Gujarathi
Quadrat Size	50 m x 50 m
NW Corner Coordinates	781481.92 mE 7632053.13 mN
Vegetation Unit	**AiTe** - *Acacia inaequilatera* and *Grevillea wickhamii* subsp. *aprica* Tall Sparse Shrubland over *Triodia epactia* and *Triodia brizoides* Mid Hummock Grassland.
Slope	Mid and lower slope
Landform	Gentle
Soil Colour	Brown
Soil Type	Loamy sand
Litter	1%
Bare Ground	40%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Cattle, weeds in drainage nearby.



Species	Height (m)	% Cover
Acacia inaequilatera	4	5
Grevillea pyramidalis subsp. *leucadendron*	1.6	3
Senna glutinosa subsp. *glutinosa*	1.6	2
Triodia epactia	1	75
Corchorus parviflorus	0.4	1
Indigofera monophylla	0.4	1
Abutilon lepidum		+
Bonamia pilbarensis		+
Corymbia hamersleyana		+
Cullen stipulaceum		+
Cymbopogon ambiguus		+
Grevillea wickhamii subsp. *aprica*		+
Ptilotus calostachyus		+
Senna symonii		+
Solanum phlomoides		+
Triumfetta appendiculata		+

Site F007

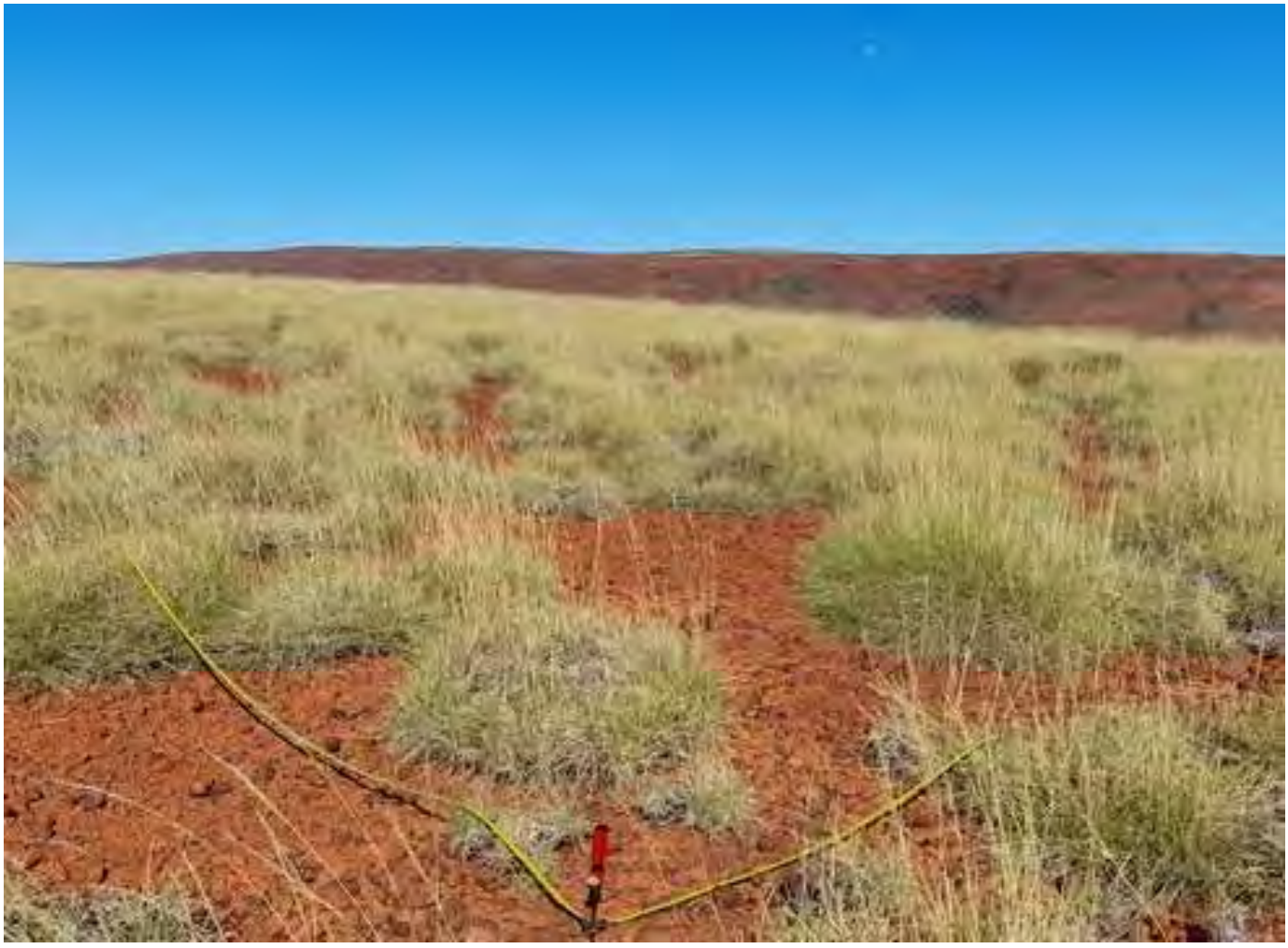
Date	09/05/2023
Botanist	Megan Gray and Aishwarya Gujarathi
Quadrat Size	60 m x 41 m
NW Corner Coordinates	781381.8 mE 7632001.35 mN
Vegetation Unit	**EcMa** - *Eucalyptus camaldulensis subsp. refulgens* and *Melaleuca argentea* Open Mid Woodland over *Acacia sericophylla*, *Acacia trachycarpa*, *Melaleuca glomerata* and *Melaleuca linophylla* Tall Sparse Shrubland over **Cenchrus setiger* and *Triodia longiceps* Sparse Mid Tussock Grassland.
Slope	Major drainage
Landform	Gentle
Soil Colour	Brown-grey
Soil Type	Sand
Litter	2%
Bare Ground	90%
Fire Age	>10 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Cattle grazing, weeds



Species	Height (m)	% Cover
Melaleuca argentea	4	2.5
Melaleuca linophylla	2	3
Melaleuca glomerata	1.5	5
Cyperus vaginatus	0.8	2
**Cenchrus ciliaris*		+
Ipomoea muelleri		+
Nellica maderaspatensis		+
Sesbania cannabina		+
Sporobolus ramigerus		+
Triodia longiceps		+
Corchorus parviflorus		Associated
**Cynodon dactylon*		Associated
Eriachne tenuiculmis		Associated
Eucalyptus victrix		Associated

Site F011

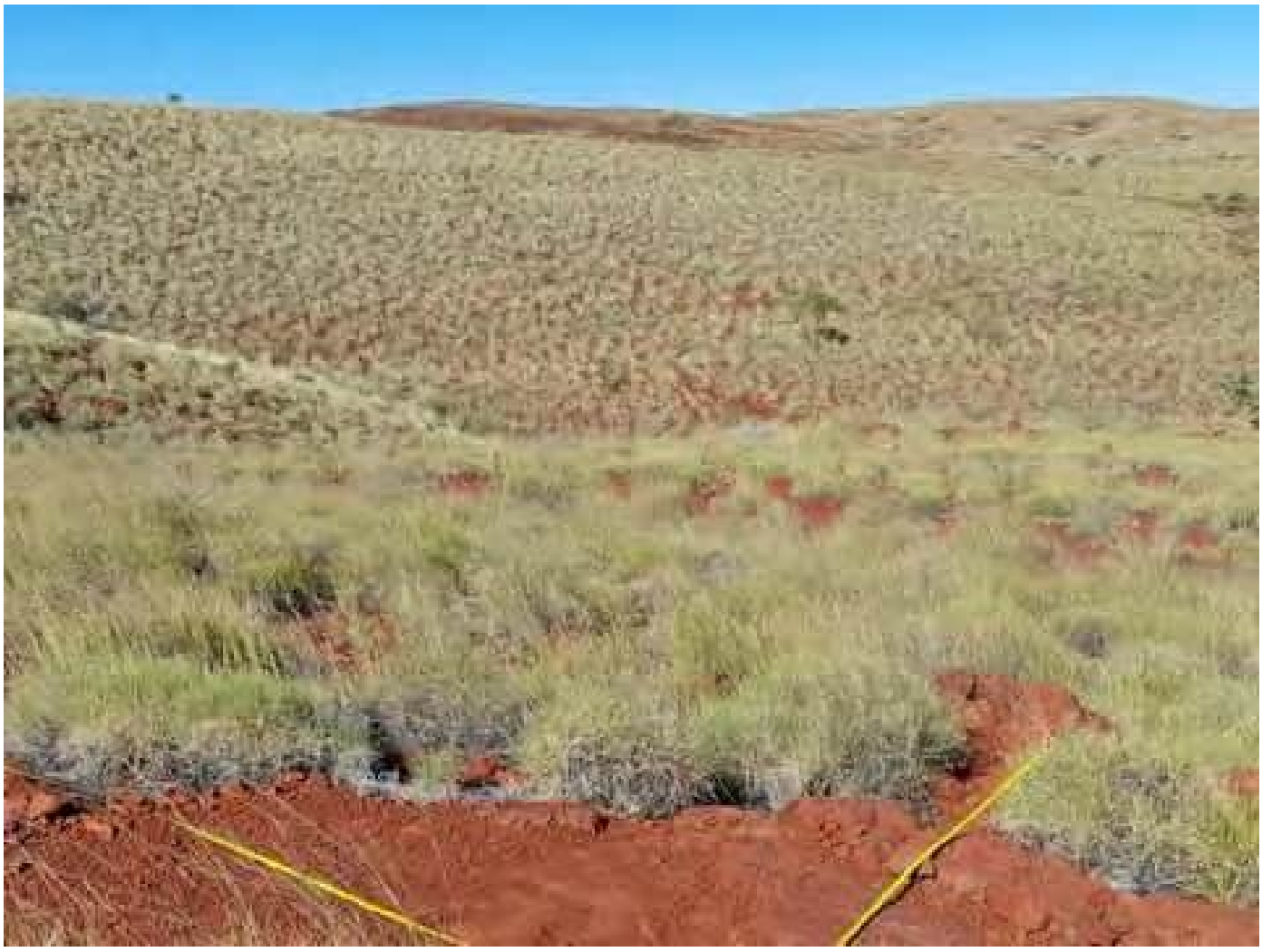
Date	09/05/2023
Botanist	Megan Gray and Aishwarya Gujarathi
Quadrat Size	100 m x 25 m
NW Corner Coordinates	779117.13 mE 7632554.13 mN
Vegetation Unit	**CcTe** - *Corymbia candida* subsp. *candida* and *Eucalyptus leucophloia* subsp. *leucophloia* Low Open Woodland over *Triodia epactia* Low Hummock Grassland.
Slope	Upper Slope
Landform	Flat
Soil Colour	Red-orange
Soil Type	Loam
Litter	0.2%
Bare Ground	50%
Fire Age	>10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	None



Species	Height (m)	% Cover
Corymbia ? candida subsp. *candida*	1	0.02
Triodia epactia	0.4	40
Cymbopogon ambiguus		Associated
Eriachne mucronata		Associated
Ficus brachypoda		Associated
Ptilotus obovatus		Associated
Solanum horridum		Associated

Site F012

Date	09/05/2023
Botanist	Megan Gray and Aishwarya Gujarathi
Quadrat Size	50 m x 50 m
NW Corner Coordinates	781573.37 mE 7633970.62 mN
Vegetation Unit	**AiTe** - *Acacia inaequilatera* and *Grevillea wickhamii* subsp. *aprica* Tall Sparse Shrubland over *Triodia epactia* and *Triodia brizoides* Mid Hummock Grassland.
Slope	Midslope
Landform	Moderate
Soil Colour	Red-brown
Soil Type	Sandy loam
Litter	2%
Bare Ground	60%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	None



Species	Height (m)	% Cover
Acacia inaequilatera	3	1
Indigofera monophylla	1	1.5
Crotalaria novae-hollandiae subsp. *novae-hollandiae*	0.8	1.5
Triodia brizoides	0.8	40
Triodia epactia	0.8	30
Afrohybanthus aurantiacus		+
Boerhavia gardneri		+
Corchorus parviflorus		+
Crotalaria medicaginea var. *neglecta*		+
Crotalaria novae-hollandiae subsp. *novae-hollandiae*		+
Cymbopogon ambiguus		+
Gomphrena cunninghamii		+
Indigofera trita		+
Pentalepis trichodesmoides subsp. *trichodesmoides*		+
Rhynchosia minima		+
Senna glutinosa subsp. *glutinosa*		+
Senna notabilis		+
Senna symonii		+
Solanum phlomoides		+
Tephrosia supina		+
Tribulus platypterus		+
Trigastrotheca molluginea		+
Triumfetta chaetocarpa		+

Site F013

Date	09/05/2023
Botanist	Megan Gray and Aishwarya Gujarathi
Quadrat Size	100 m x 25 m
NW Corner Coordinates	782443.16 mE 7631057.41 mN
Vegetation Unit	**EcMa** - *Eucalyptus camaldulensis subsp. refulgens* and *Melaleuca argentea* Open Mid Woodland over *Acacia sericophylla*, *Acacia trachycarpa*, *Melaleuca glomerata* and *Melaleuca linophylla* Tall Sparse Shrubland over **Cenchrus setiger* and *Triodia longiceps* Sparse Mid Tussock Grassland.
Slope	Major drainage
Landform	Gentle
Soil Colour	Brown
Soil Type	Sandy loam
Litter	2%
Bare Ground	30%
Fire Age	>10 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Cattle grazing, weeds



Species	Height (m)	% Cover
Eucalyptus camaldulensis subsp. *refulgens*	12	9
Acacia sericophylla	4	1.5
Atalaya hemiglauca	4	2
Melaleuca glomerata	3.5	10
Corchorus parviflorus	1.6	2
Stemodia grossa	1.5	3
**Cenchrus ciliaris*	0.5	40
Triodia longiceps	0.4	8
Cyperus vaginatus	0.3	1
Eriachne tenuiculmis	0.3	3
Acacia pyrifolia		+
Acacia trachycarpa		+
**Aerva javanica*		+
Afrohybanthus aurantiacus		+
Boerhavia gardneri		+
Bonamia pilbarensis		+
**Calotropis procera*		+
**Cenchrus setiger*		+
**Chloris barbata*		+
Cymbopogon ambiguus		+
**Cynodon dactylon*		+
Dactyloctenium radulans		+
**Echinochloa colona*		+
Eragrostis cumingii		+
**Eragrostis minor*		+
Eriachne tenuiculmis		+
Euphorbia australis var. *subtomentosa*		+
Euphorbia coghlanii		+
Indigofera colutea		+
Melaleuca argentea		+
Melaleuca linophylla		+
Nellica maderaspatensis		+
Petalostylis labicheoides		+
Rhynchosia minima		+
Senna notabilis		+
Sesbania cannabina		+
Solanum diversiflorum		+
Sporobolus ramigerus		+
Stemodia grossa		+
Vigna lanceolata var. *lanceolata*		+

Site F014

Date	09/05/2023
Botanist	Megan Gray and Aishwarya Gujarathi
Quadrat Size	50 m x 50 m
NW Corner Coordinates	783746.95 mE 7629147.33 mN
Vegetation Unit	**EvMa** - *Eucalyptus victrix* and *Melaleuca argentea* Mid Woodland over *Melaleuca glomerata* and *Melaleuca linophylla* Tall Open Shrubland over **Cenchrus ciliaris, Cyperus vaginatus* and *Eriachne tenuiculmis* Sparse Mid Tussock Grassland.
Slope	Major drainage
Landform	Gentle
Soil Colour	Brown
Soil Type	Sand
Litter	2%
Bare Ground	80%
Fire Age	>10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Cattle grazing, weeds



Species	Height (m)	% Cover
Eucalyptus victrix	10	10
Melaleuca argentea	6	5
Melaleuca glomerata	3	8
Melaleuca linophylla	3	6
Cyperus vaginatus	1	3
**Cenchrus ciliaris*	0.8	4
Eriachne tenuiculmis	0.8	1
Acacia ampliceps		+
Acacia pyrifolia		+
Acacia sericophylla		+
Acacia trachycarpa		+
**Aerva javanica*		+
Afrohybanthus aurantiacus		+
Arivela viscosa		+
Atalaya hemiglauca		+
Calandrinia tepperiana		+
**Calotropis procera*		+
**Cenchrus ciliaris*		+
Euphorbia australis var. *subtomentosa*		+
Euphorbia coghlanii		+
Ipomoea muelleri		+
Petalostylis labicheoides		+
Senna notabilis		+
Sporobolus ramigerus		+
Vigna lanceolata var. *lanceolata*		+
Cullen leucanthum		Associated
Flueggea virosa subsp. *melanthesoides*		Associated
Triodia epactia		Associated

Site F015

Date	09/05/2023
Botanist	Megan Gray and Aishwarya Gujarathi
Quadrat Size	50 m x 50 m
NW Corner Coordinates	784365.3 mE 7632996.8 mN
Vegetation Unit	**AiTe** - *Acacia inaequilatera* and *Grevillea wickhamii* subsp. *aprica* Tall Sparse Shrubland over *Triodia epactia* and *Triodia brizoides* Mid Hummock Grassland.
Slope	Midslope undulating hills with drainage
Landform	Moderate
Soil Colour	Brown-red
Soil Type	Loam
Litter	2%
Bare Ground	60%
Fire Age	1-3 Years
Vegetation Condition	Excellent
Disturbances/Impacts	None



Species	Height (m)	% Cover
Acacia inaequilatera	1.5	1
Grevillea wickhamii subsp. *aprica*	1.2	0.2
Hakea lorea subsp. *lorea*	1	0.2
Triodia brizoides	0.5	2
Tephrosia sp. NW Eremaean (S. van Leeuwen et al. PBS 0356)	0.2	0.3
Triodia epactia	0.2	40
Boerhavia gardneri		+
Bonamia pilbarensis		+
Corchorus parviflorus		+
Corchorus parviflorus		+
Euploca cunninghamii		+
Goodenia sp.		+
Indigofera monophylla		+
Ptilotus calostachyus		+
Senna symonii		+
Solanum phlomoides		+
Tribulus platypterus		+
Trigastrotheca molluginea		+

Site F016

Date	09/05/2023
Botanist	Megan Gray and Aishwarya Gujarathi
Quadrat Size	50 m x 50 m
NW Corner Coordinates	786309.4 mE 7632127.94 mN
Vegetation Unit	**AiTe** - *Acacia inaequilatera* and *Grevillea wickhamii* subsp. *aprica* Tall Sparse Shrubland over *Triodia epactia* and *Triodia brizoides* Mid Hummock Grassland.
Slope	Lower slope plains
Landform	Gentle
Soil Colour	Red-brown
Soil Type	Loamy sand
Litter	4%
Bare Ground	55%
Fire Age	5-10 Years
Vegetation Condition	Very Good-Excellent
Disturbances/Impacts	Cattle presence



Species	Height (m)	% Cover
Grevillea wickhamii subsp. *aprica*	3	1
Senna glutinosa subsp. *glutinosa*	1.6	2
Triodia epactia	0.5	40
Acacia acradenia		+
Acacia inaequilatera		+
Bonamia pilbarensis		+
Eremophila latrobei subsp. *glabra*		+
Goodenia stobbsiana		+
Grevillea wickhamii subsp. *aprica*		+
Senna artemisioides subsp. *oligophylla*		+
Senna artemisioides subsp. *oligophylla*		+
Senna glutinosa subsp. *pruinosa*		+
Sida cardiophylla		+
Solanum phlomoides		+

Site F017

Date	09/05/2023
Botanist	Sarah Beckwith and Taryn Brebner
Quadrat Size	50 m x 50 m
NW Corner Coordinates	786688.1 mE 7631354.01 mN
Vegetation Unit	**AiCpTw** - *Acacia inaequilatera* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Isolated Shrubland over *Corchorus parviflorus* Low Sparse Shrubland over *Triodia wiseana* Low Hummock Grassland.
Slope	Valley Floor
Landform	Gentle
Soil Colour	Brown-grey
Soil Type	Sandy loam
Litter	1%
Bare Ground	55%
Fire Age	>10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Cattle tracks



Species	Height (m)	% Cover
Corchorus parviflorus	0.5	2
Triodia ? wiseana	0.5	30
Acacia inaequilatera		+
Bonamia pilbarensis		+
Indigofera colutea		+
Indigofera rugosa		+
Rhynchosia minima		+
Senna artemisioides subsp. *oligophylla*		+
Solanum sp.		+
Tephrosia supina		+

Site F018

Date	09/05/2023
Botanist	Sarah Beckwith and Taryn Brebner
Quadrat Size	50 m x 50 m
NW Corner Coordinates	786540.37 mE 7629799.6 mN
Vegetation Unit	**AiCpTe2** - *Acacia inaequilatera, Acacia ancistrocarpa* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Sparse Shrubland over *Corchorus parviflorus* Low Isolated Shrubs over *Triodia epactia* Mid Hummock Grassland.
Slope	Valley Floor
Landform	Flat
Soil Colour	Brown-orange
Soil Type	Clay loam
Litter	1%
Bare Ground	50%
Fire Age	>10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	None



Species	Height (m)	% Cover
Triodia epactia	1	50
Corchorus parviflorus	0.3	1
?*Corymbia* sp.		+
Acacia ancistrocarpa		+
Acacia pyrifolia var. *morrisonii*		+
Boerhavia coccinea		+
Bonamia alatisemina		+
Grevillea pyramidalis subsp. *leucadendron*		+
Grevillea wickhamii subsp. *aprica*		+
Indigofera monophylla		+
Pluchea ferdinandi-muelleri		+
Solanum phlomoides		+
Synaptantha tillaeacea var. *tillaeacea*		+
**Cenchrus ciliaris*		Associated

Site F019

Date	09/05/2023
Botanist	Sarah Beckwith and Taryn Brebner
Quadrat Size	50 m x 50 m
NW Corner Coordinates	787790.98 mE 7629514.85 mN
Vegetation Unit	**AtTe** - *Acacia trachycarpa* and *Acacia ampliceps* Tall Open Shrubland over *Triodia epactia, Triodia longiceps* and **Cenchrus ciliaris* Tall Open Hummock Grassland.
Slope	Valley Floor
Landform	Gentle
Soil Colour	Orange-brown
Soil Type	Clay sand
Litter	2%
Bare Ground	2%
Fire Age	>10 Years
Vegetation Condition	Very Good-Excellent
Disturbances/Impacts	Cattle tracks in river bed



Species	Height (m)	% Cover
Acacia trachycarpa	1.5	1
**Cenchrus ciliaris*	1	40
Cyperus vaginatus	1	1
Cyperus vaginatus	1	1
Poaceae sp.	1	1
Acacia ampliceps		+
Acacia pyrifolia var. *morrisonii*		+
**Aerva javanica*		+
**Calotropis procera*		+
Clerodendrum floribundum var. *angustifolium*		+
Corymbia hamersleyana		+
Grevillea pyramidalis subsp. *leucadendron*		+
Hibiscus austrinus var. *austrinus*		+
Ipomoea muelleri		+
Polymeria ambigua		+
Senna notabilis		+
Sesbania cannabina		+
Sida rohlenae subsp. *rohlenae*		+
**Vachellia farnesiana*		+
Arivela viscosa		Associated
Calandrinia tepperiana		Associated
Crotalaria cunninghamii subsp. *sturtii*		Associated
Haloragis ? gossei		Associated
Ipomoea coptica		Associated
Melaleuca glomerata		Associated
Ammania baccifera		Associated
**Physalis angulata*		Associated
Pluchea rubelliflora		Associated
Streptoglossa ? decurrens		Associated
Triumfetta chaetocarpa		Associated

Site F020

Date	12/05/2023
Botanist	Sarah Beckwith and Taryn Brebner
Quadrat Size	50 m x 50 m
NW Corner Coordinates	788709.6 mE 7631861.15 mN
Vegetation Unit	**AiCpTe2** - *Acacia inaequilatera, Acacia ancistrocarpa* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Sparse Shrubland over *Corchorus parviflorus* Low Isolated Shrubs over *Triodia epactia* Mid Hummock Grassland.
Slope	Plain
Landform	Flat
Soil Colour	Red-brown
Soil Type	Loam
Litter	2%
Bare Ground	45%
Fire Age	3-5 Years
Vegetation Condition	Very Good-Excellent
Disturbances/Impacts	Seasonal flooding



Species	Height (m)	% Cover
Corymbia ? hamersleyana	8	1
Acacia ancistrocarpa	1.5	3
Corchorus parviflorus	1	1
Indigofera monophylla	0.7	2
Themeda triandra	0.5	2
Triodia epactia	0.3	50
Acacia inaequilatera		+
Aristida contorta		+
Aristida holathera var. *holathera*		+
Boerhavia coccinea		+
Bonamia linearis		+
Bonamia pannosa		+
Bonamia pilbarensis		+
Eragrostis olida		+
Gossypium australe		+
Grevillea pyramidalis subsp. *leucadendron*		+
Sida arenicola		+
Tephrosia supina		+
Trigastrotheca molluginea		+
Acacia sphaerostachya		Associated

Site F021

Date	09/05/2023
Botanist	Sarah Beckwith and Taryn Brebner
Quadrat Size	50 m x 50 m
NW Corner Coordinates	789973.53 mE 7632780.48 mN
Vegetation Unit	**ChTe** - ?*Corymbia hamersleyana* and *Brachychiton acuminatus* Low Isolated Trees over *Triodia epactia*, **Cenchrus ciliaris* and *Cymbopogon ambiguus* Sparse Mid Hummock Grassland.
Slope	Ridge
Landform	Steep
Soil Colour	Dark brown
Soil Type	Loam
Litter	2%
Bare Ground	1%
Fire Age	>10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Haul road nearby



Species	Height (m)	% Cover
**Aerva javanica*	0.6	6
**Cenchrus ciliaris*	0.5	5
Acacia sericophylla		+
Acacia sericophylla		+
Amaranthus undulatus		+
Aristida burbidgeae		+
Clerodendrum floribundum var. *angustifolium*		+
Cucumis variabilis		+
Haloragis ? gossei		+
Indigofera trita		+
Rhynchosia minima		+
Solanum horridum		+
Trichodesma zeylanicum		+
Triodia wiseana		+
Enneapogon ? caerulescens		Associated

Site F022

Date	12/05/2023
Botanist	Sarah Beckwith and Taryn Brebner
Quadrat Size	50 m x 50 m
NW Corner Coordinates	790227.29 mE 7630211.84 mN
Vegetation Unit	**ChTe** - ?*Corymbia hamersleyana* and *Brachychiton acuminatus* Low Isolated Trees over *Triodia epactia*, **Cenchrus ciliaris* and *Cymbopogon ambiguus* Sparse Mid Hummock Grassland.
Slope	Mid Slope
Landform	Steep
Soil Colour	Red
Soil Type	Loam
Litter	0%
Bare Ground	1%
Fire Age	>10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	None



Species	Height (m)	% Cover
Triodia epactia	0.7	60
Triodia ? epactia	0.5	1
Aristida contorta		+
**Calotropis procera*		+
Clerodendrum floribundum var. *angustifolium*		+
Cymbopogon ambiguus		+
Eriachne mucronata		+
Ficus aculeata var. *indecora*		+
Grevillea pyramidalis subsp. *leucadendron*		+
Hibiscus goldsworthii		+
Pterocaulon sphacelatum		+
Senna artemisioides subsp. *helmsii*		+
Senna glutinosa		+

Site F023

Date	09/05/2023
Botanist	Sarah Beckwith and Taryn Brebner
Quadrat Size	50 m x 50 m
NW Corner Coordinates	790724.96 mE 7630737.09 mN
Vegetation Unit	**GwCpTe** - *Grevillea wickhamii* subsp. *aprica* Isolated Mid Shrubs over *Corchorus parviflorus* Low Sparse Shrubland over *Triodia epactia, Cymbopogon ambiguus* and *Eriachne mucronata* Sparse Mid Hummock Grassland.
Slope	Mid Slope
Landform	Steep
Soil Colour	Yellow-brown
Soil Type	Sandy loam
Litter	0%
Bare Ground	2%
Fire Age	>10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	None



Species	Height (m)	% Cover
Triodia epactia	0.2	30
Bulbostylis barbata		+
Corymbia ? hamersleyana		+
Cymbopogon ambiguus		+
Cyperus cunninghamii subsp. *cunninghamii*		+
Euphorbia australis var. *subtomentosa*		+
Evolvulus alsinoides var. *villosicalyx*		+
Ficus brachypoda		+
Grevillea pyramidalis subsp. *leucadendron*		+
Pterocaulon serrulatum var. *velutinum*		+
Solanum horridum		+
Triumfetta maconochieana		+

Site F024

Date	12/05/2023
Botanist	Sarah Beckwith and Taryn Brebner
Quadrat Size	50 m x 50 m
NW Corner Coordinates	790924.24 mE 7629424.88 mN
Vegetation Unit	**AiCpTe2** - *Acacia inaequilatera, Acacia ancistrocarpa* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Sparse Shrubland over *Corchorus parviflorus* Low Isolated Shrubs over *Triodia epactia* Mid Hummock Grassland.
Slope	Plain
Landform	Flat
Soil Colour	Red-brown
Soil Type	Sandy loam
Litter	1%
Bare Ground	48%
Fire Age	5-10 Years
Vegetation Condition	Very Good-Excellent
Disturbances/Impacts	Flooding, cattle scat



Species	Height (m)	% Cover
Acacia inaequilatera	4	1
Acacia ancistrocarpa	1	3
Triodia epactia	0.7	60
Triodia wiseana	0.5	5
Acacia trachycarpa		+
Aristida contorta		+
Corchorus incanus		+
Corchorus parviflorus		+
Euphorbia australis var. *subtomentosa*		+
Evolvulus alsinoides var. *villosicalyx*		+
Gossypium australe		+
Grevillea pyramidalis subsp. *leucadendron*		+
Hakea lorea subsp. *lorea*		+
Indigofera monophylla		+
Pluchea ferdinandi-muelleri		+
Pluchea tetranthera		+
Ptilotus obovatus		+
Tephrosia supina		+

Site F025

Date	09/05/2023
Botanist	Sarah Beckwith and Taryn Brebner
Quadrat Size	50 m x 50 m
NW Corner Coordinates	792369.78 mE 7630339.65 mN
Vegetation Unit	**AiCpTw** - *Acacia inaequilatera* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Isolated Shrubland over *Corchorus parviflorus* Low Sparse Shrubland over *Triodia wiseana* Low Hummock Grassland.
Slope	Lower Slope
Landform	Gentle
Soil Colour	Grey
Soil Type	Sandy loam
Litter	0%
Bare Ground	8%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Nearby cattle tracks



Species	Height (m)	% Cover
Grevillea pyramidalis subsp. *leucadendron*	4	0.25
Corchorus parviflorus	0.7	2
Triodia wiseana	0.6	30
Aristida contorta		+
Boerhavia gardneri		+
Bulbostylis barbata		+
Cullen leucochaites		+
Dolichocarpa crouchiana		+
Euphorbia australis var. *subtomentosa*		+
Goodenia cusackiana		+
Hakea lorea subsp. *lorea*		+
Indigofera colutea		+
Indigofera linifolia		+
Ptilotus exaltatus		+
Streptoglossa decurrens		+
Tribulus hirsutus		+
Trigastrotheca molluginea		+
Triodia wiseana		+

Site MB001

Date	10/05/2023
Botanist	Megan Gray and Aishwarya Gujarathi
Quadrat Size	25x100
NW Corner Coordinates	714767.44 mE 7650457.45 mN
Vegetation Unit	**ElGwTw** - *Eucalyptus leucophloia* subsp. *leucophloia* and *Corymbia hamersleyana* Low Isolated Trees over *Grevillea wickhamii* and *Acacia inaequilatera* Tall Sparse Shrubland over *Triodia wiseana* Low Open Hummock Grassland.
Slope	Mesa top
Landform	Flat
Soil Colour	Brown
Soil Type	Loam
Litter	2%
Bare Ground	40%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	None



Species	Height (m)	% Cover
Eucalyptus leucophloia subsp. *leucophloia*	6	4
Acacia tumida var. *pilbarensis*	1.5	9
Acacia arida	1.3	50
Triodia epactia	1	55
Acacia acradenia		+
Acacia ptychophylla		+
Dodonaea coriacea		+
Goodenia stobbsiana		+
Ptilotus calostachyus		+
Senna glutinosa		+

Site MB002

Date	10/05/2023
Botanist	Sarah Beckwith and Taryn Brebner
Quadrat Size	50 m x 50 m
NW Corner Coordinates	716766.62 mE 7651417.5 mN
Vegetation Unit	**ElGwTw** - *Eucalyptus leucophloia* subsp. *leucophloia* and *Corymbia hamersleyana* Low Isolated Trees over *Grevillea wickhamii* and *Acacia inaequilatera* Tall Sparse Shrubland over *Triodia wiseana* Low Open Hummock Grassland.
Slope	Gentle
Landform	Mid slope
Soil Colour	Orange brown
Soil Type	Loam
Litter	1 %
Bare Ground	90%
Fire Age	1-3 years
Vegetation Condition	Excellent
Disturbances/Impacts	None



Species	Height (m)	% Cover
Eucalyptus ? leucophloia subsp. *leucophloia*	4	1
Corymbia ? hamersleyana	3	0.25
Triodia wiseana	0.2	2
Indigofera monophylla	0.1	0.5
Acacia adoxa var. *adoxa*		+
Acacia spondylophylla		+
Arivela viscosa		+
Bulbostylis barbata		+
Corchorus parviflorus		+
Dampiera candicans		+
Dolichocarpa crouchiana		+
Eriachne ciliata		+
Eriachne mucronata		+
Eriachne pulchella subsp. *dominii*		+
Gomphrena cunninghamii		+
Goodenia stobbsiana		+
Grevillea wickhamii subsp. *aprica*		+
Polycarpaea holtzei		+
Ptilotus fusiformis		+
Senna notabilis		+
Sida ? macropoda		+
Solanum phlomoides		+
Stackhousia ? intermedia		+
Triumfetta chaetocarpa		+
Triumfetta maconochieana		+

Site MB005

Date	10/05/2023
Botanist	Megan Gray and Aishwarya Gujarathi
Quadrat Size	50 m x 50 m
NW Corner Coordinates	729116.58 mE 7649267.28 mN
Vegetation Unit	**AtAhTe** - *Acacia tumida* var. *pilbarensis* Tall Isolated Shrubs over *Acacia hilliana* Low Sparse Shrubland over *Triodia epactia* Open Mid Hummock Grassland.
Slope	Swale between hills
Landform	Gentle
Soil Colour	Brown
Soil Type	Sandy loam
Litter	1%
Bare Ground	40%
Fire Age	>10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	None



Species	Height (m)	% Cover
Grevillea wickhamii subsp. *aprica*	2	2
Triodia epactia	1	50
Acacia hilliana	0.5	5
Acacia adoxa var. *adoxa*		+
Bonamia pilbarensis		+
Bulbostylis barbata		+
Eriachne ciliata		+
Fimbristylis simulans		+
Goodenia stobbsiana		+
Isotropis atropurpurea		+
Senna symonii		+
Tephrosia rosea var. *clementii*		+
Trigastrotheca molluginea		+

Site MB006

Date	10/05/2023
Botanist	Sarah Beckwith and Taryn Brebner
Quadrat Size	50 m x 50 m
NW Corner Coordinates	729609.96 mE 7650785.37 mN
Vegetation Unit	**AaTw2** - *Acacia arida* Open Mid Shrubland over *Triodia wiseana, Triodia epactia* and *Triodia longiceps* Mid Hummock Grassland.
Slope	Mid Slope
Landform	Moderate
Soil Colour	Brown
Soil Type	Sandy loam
Litter	1%
Bare Ground	7%
Fire Age	>10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	None



Species	Height (m)	% Cover
Acacia arida	1.5	12
Triodia wiseana	1.2	60
Triodia epactia	1	2
Triodia longiceps	1	2
Acacia adoxa var. *adoxa*		+
Acacia hilliana		+
Acacia stellaticeps		+
Bulbostylis barbata		+
Cassytha capillaris		+
Corchorus parviflorus		+
Goodenia stobbsiana		+
Grevillea wickhamii subsp. *aprica*		+
Hakea lorea subsp. *lorea*		+
Petalostylis labicheoides		+
Polymeria ambigua		+
Ptilotus calostachyus		+
Ptilotus exaltatus		+
Ptilotus obovatus		+
Senna glutinosa subsp. *glutinosa*		+
Senna symonii		+
Tribulus hirsutus		+
Trigastrotheca molluginea		+
Triodia longiceps		+

Site MB007

Date	10/05/2023
Botanist	Sarah Beckwith and Taryn Brebner
Quadrat Size	50 m x 50 m
NW Corner Coordinates	731805.84 mE 7650087.74 mN
Vegetation Unit	**EcMa** - *Eucalyptus camaldulensis subsp. refulgens* and *Melaleuca argentea* Open Mid Woodland over *Acacia sericophylla*, *Acacia trachycarpa*, *Melaleuca glomerata* and *Melaleuca linophylla* Tall Sparse Shrubland over **Cenchrus setiger* and *Triodia longiceps* Sparse Mid Tussock Grassland.
Slope	Drainage
Landform	Gentle
Soil Colour	Light orange-brown
Soil Type	Coarse sand
Litter	1%
Bare Ground	15%
Fire Age	>10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Flooding/washout



Species	Height (m)	% Cover
Eucalyptus camaldulensis subsp. *refulgens*	6	3
Melaleuca linophylla	3	1
Terminalia circumalata	3	1
Melaleuca glomerata	2	1
Eriachne tenuiculmis	1.2	10
Acacia orthocarpa	1	20
Euphorbia australis var. *subtomentosa*	0.1	0.25
Abutilon lepidum		+
Acacia colei var. *colei*		+
Acacia orthocarpa		+
Acacia pyrifolia var. *pyrifolia*		+
Acacia trachycarpa		+
Arivela viscosa		+
Boerhavia coccinea		+
Cajanus cinereus		+
**Cenchrus ciliaris*		+
Corchorus parviflorus		+
Cymbopogon ambiguus		+
Cymbopogon ambiguus		+
Goodenia cusackiana		+
Grevillea wickhamii subsp. *aprica*		+
Ipomoea muelleri		+
Nellica maderaspatensis		+
Pluchea dentex		+
Polycarpaea longiflora		+
Stemodia grossa		+
Tephrosia rosea var. *clementii*		+
Tephrosia sp. B Kimberley Flora (C.A. Gardner 7300)		+
Tephrosia supina		+
Terminalia circumalata		+

Site MB008

Date	10/05/2023
Botanist	Megan Gray and Aishwarya Gujarathi
Quadrat Size	75 m x 33 m
NW Corner Coordinates	732765.11 mE 7651100.04 mN
Vegetation Unit	**ChTe** - ?*Corymbia hamersleyana* and *Brachychiton acuminatus* Low Isolated Trees over *Triodia epactia*, **Cenchrus ciliaris* and *Cymbopogon ambiguus* Sparse Mid Hummock Grassland.
Slope	Midslope
Landform	Steep
Soil Colour	None
Soil Type	None
Litter	0.5%
Bare Ground	98%
Fire Age	>10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Few weeds



Species	Height (m)	% Cover
Cajanus cinereus	1.2	2
Abutilon sp. 1	0.8	1
Triumfetta appendiculata	0.8	1
Triodia brizoides	0.6	5
Acacia acradenia		+
**Cenchrus ciliaris*		+
Corchorus ?parviflorus		+
Cymbopogon ambiguus		+
Tinospora smilacina		+
Triumfetta appendiculata		+

Site MB009

Date	10/05/2023
Botanist	Sarah Beckwith and Taryn Brebner
Quadrat Size	50 m x 50 m
NW Corner Coordinates	749804.44 mE 7645098.26 mN
Vegetation Unit	**AiTe** - *Acacia inaequilatera* and *Grevillea wickhamii* subsp. *aprica* Tall Sparse Shrubland over *Triodia epactia* and *Triodia brizoides* Mid Hummock Grassland.
Slope	Mid Slope
Landform	Steep
Soil Colour	Orange
Soil Type	Loam
Litter	1%
Bare Ground	0%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	None



Species	Height (m)	% Cover
Acacia inaequilatera	1.5	0.5
Grevillea wickhamii subsp. *aprica*	1.5	1
Acacia acradenia	1	1
Triodia epactia	0.5	50
Corchorus parviflorus		+
Corymbia hamersleyana		+
Cymbopogon ambiguus		+
Dampiera candicans		+
Gossypium australe		+
Grevillea pyramidalis subsp. *leucadendron*		+
Indigofera monophylla		+
Nellica maderaspatensis		+
Polycarpaea longiflora		+
Senna glutinosa		+
Solanum phlomoides		+
Tephrosia supina		+
Triumfetta maconochieana		+

Site MB010

Date	10/05/2023
Botanist	Sarah Beckwith and Taryn Brebner
Quadrat Size	50 m x 50 m
NW Corner Coordinates	750211.1 mE 7647062.76 mN
Vegetation Unit	**ElAtTe** - *Eucalyptus leucophloia* subsp. *leucophloia* Low Isolated Trees over *Acacia inaequilatera* and *Acacia tumida* var. *pilbarensis* Tall Sparse Shrubland over *Triodia epactia* and *Triodia brizoides* Mid Hummock Grassland.
Slope	Drainage
Landform	Moderate
Soil Colour	Brown-orange
Soil Type	Loam
Litter	2%
Bare Ground	0%
Fire Age	>10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Insect predation on leaves.



Species	Height (m)	% Cover
Eucalyptus leucophloia subsp. *leucophloia*	6	0.25
Acacia tumida var. *pilbarensis*	3	6
Triodia brizoides	1	55
Acacia bivenosa		+
Acacia inaequilatera		+
Acacia ptychophylla		+
Acacia sp. *2*		+
Acacia spondylophylla		+
Corchorus parviflorus		+
Dodonaea coriacea		+
Ptilotus calostachyus		+
Senna glutinosa		+

Site MB011

Date	13/05/2023
Botanist	Megan Gray and Aishwarya Gujarathi
Quadrat Size	50 m x 50 m
NW Corner Coordinates	754312.36 mE 7646265.07 mN
Vegetation Unit	**ElAtTe** - *Eucalyptus leucophloia* subsp. *leucophloia* Low Isolated Trees over *Acacia inaequilatera* and *Acacia tumida* var. *pilbarensis* Tall Sparse Shrubland over *Triodia epactia* and *Triodia brizoides* Mid Hummock Grassland.
Slope	Crest and midslope
Landform	Steep
Soil Colour	Light brown
Soil Type	Loam
Litter	0.5%
Bare Ground	60%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	None



Species	Height (m)	% Cover
Eucalyptus ? *leucophloia* subsp. *leucophloia*	6	1
Acacia tumida var. *pilbarensis*	2	10
Triodia brizoides	1	40
Acacia retivenea subsp. *Clandestina*	0.8	1
Acacia ptychophylla	0.6	5
Acacia adoxa var. *adoxa*	0.5	5
Acacia inaequilatera		+
Acacia ptychophylla		+
Eriachne mucronata		+
Goodenia stobbsiana		+
Grevillea wickhamii subsp. *aprica*		+
Senna glutinosa subsp. *glutinosa*		+

Site MB012

Date	13/05/2023
Botanist	Megan Gray and Aishwarya Gujarathi
Quadrat Size	100 m x 25 m
NW Corner Coordinates	756041.57 mE 7646773.66 mN
Vegetation Unit	**ElAtTe** - *Eucalyptus leucophloia* subsp. *leucophloia* Low Isolated Trees over *Acacia inaequilatera* and *Acacia tumida* var. *pilbarensis* Tall Sparse Shrubland over *Triodia epactia* and *Triodia brizoides* Mid Hummock Grassland.
Slope	Upland drainage
Landform	Gentle
Soil Colour	Drak brown
Soil Type	Sandy loam
Litter	4%
Bare Ground	50%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	None



Species	Height (m)	% Cover
Eucalyptus ? *leucophloia* subsp. *leucophloia*	6	5
Acacia tumida var. *pilbarensis*	2	20
Grevillea wickhamii subsp. *aprica*	1.6	5
Triodia epactia	1.2	20
Triodia brizoides	1	5
Acacia bivenosa	0.8	0.1
Eriachne mucronata	0.8	2
Acacia adoxa var. *adoxa*		+
Acacia ptychophylla		+
Bulbostylis turbinata		+
Cathetus sp.		+
Corymbia ? *candida* subsp. *candida*		+
Cymbopogon ambiguus		+
Cyperus bifax		+
Dampiera candicans		+
Eriachne ciliata		+
Fimbristylis simulans		+
Goodenia stobbsiana		+
Iseilema dolichotrichum		+
Polymeria ambigua		+
Ptilotus calostachyus		+
Senna glutinosa subsp. *glutinosa*		+
Senna symonii		+
Sida sp. 2		+
Tephrosia virens		+
Triumfetta maconochieana		+

Site MB013

Date	13/05/2023
Botanist	Sarah Beckwith and Taryn Brebner
Quadrat Size	50 m x 50 m
NW Corner Coordinates	754691.22 mE 7645223.63 mN
Vegetation Unit	**AiCpTb** - *Acacia inaequilatera* Tall Sparse Shrubland over *Corchorus parviflorus* Low Sparse Shrubland over *Triodia brizoides* Low Hummock Grassland.
Slope	Ridge
Landform	Moderate
Soil Colour	Red-brown
Soil Type	Loam
Litter	0%
Bare Ground	1%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	None



Species	Height (m)	% Cover
Acacia inaequilatera	2	1.5
Corchorus parviflorus	0.5	1
Triodia brizoides	0.5	10
Triodia wiseana	0.5	10
Acacia acradenia		+
Boerhavia coccinea		+
Cucumis variabilis		+
Cymbopogon ambiguus		+
Gossypium australe		+
Grevillea pyramidalis subsp. *leucadendron*		+
Heliotropium murinum		+
Senna ? glutinosa		+
Senna symonii		+
Triumfetta maconochieana		+

Site MB014

Date	10/05/2023
Botanist	Megan Gray and Aishwarya Gujarathi
Quadrat Size	50 m x 50 m
NW Corner Coordinates	758276.97 mE 7644648.57 mN
Vegetation Unit	**AiCpTb** - *Acacia inaequilatera* Tall Sparse Shrubland over *Corchorus parviflorus* Low Sparse Shrubland over *Triodia brizoides* Low Hummock Grassland.
Slope	Crest upper slope
Landform	Gentle
Soil Colour	Red-brown
Soil Type	Loam
Litter	0.5%
Bare Ground	70%
Fire Age	>10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	None



Species	Height (m)	% Cover
Acacia inaequilatera	3	5
Triodia brizoides	1.2	60
Acacia ptychophylla		+
Boerhavia gardneri		+
Bulbostylis barbata		+
Dampiera candicans		+
Euphorbia tannensis subsp. *eremophila*		+
Goodenia muelleriana		+
Indigofera monophylla		+
Polycarpaea holtzei		+
Polymeria ambigua		+
Senna glutinosa subsp. *glutinosa*		+
Solanum lasiophyllum		+
Trichodesma zeylanicum		+
Triodia epactia		+
Triumfetta appendiculata		+

Site MB015

Date	10/05/2023
Botanist	Megan Gray and Aishwarya Gujarathi
Quadrat Size	50 m x 50 m
NW Corner Coordinates	760796.85 mE 7643998.82 mN
Vegetation Unit	**EvCi** - *Eucalyptus victrix* Tall Mallee Woodland over *Cyperus ixiocarpus* Sparse Mid Sedgeland.
Slope	Lower slopes gorge
Landform	Gentle
Soil Colour	Light brown
Soil Type	Clay loam
Litter	5%
Bare Ground	40%
Fire Age	1-3 Years
Vegetation Condition	Excellent
Disturbances/Impacts	None



Species	Height (m)	% Cover
Eucalyptus victrix	12	20
Cyperus ixiocarpus	1	5
Abutilon sp. *2*		+
Acacia pyrifolia		+
Adriana tomentosa var. *tomentosa*		+
**Aerva javanica*		+
Amaranthus undulatus		+
Arivela viscosa		+
Atalaya hemiglauca		+
Bulbostylis barbata		+
Cajanus sp. *1*		+
Clerodendrum tomentosum var. *tomentosum*		+
Cymbopogon ambiguus		+
Dolichocarpa crouchiana		+
Dysphania rhadinostachya		+
Enneapogon lindleyanus		+
Eriachne benthamii		+
Euphorbia coghlanii		+
Euphorbia tannensis subsp. *eremophila*		+
Euploca cunninghamii		+
Ficus aculeata var. *indecora*		+
Gomphrena cunninghamii		+
Gossypium australe		+
Heliotropium crispatum		+
Notoleptopus decaisnei		+
Rhynchosia minima		+
Senna notabilis		+
Senna venusta		+
Solanum diversiflorum		+
Stemodia grossa		+
Tephrosia sp. B Kimberley Flora (C.A. Gardner 7300)		+
Tinospora smilacina		+
Tribulus platypterus		+
Trichodesma zeylanicum		+
Triumfetta sp. 2		+
Whiteochloa cymbiformis		+
Carissa lanceolata		Associated
Cucumis variabilis		Associated
Cyperus bifax		Associated
Melhania oblongifolia		Associated
Polycarpaea longiflora		Associated
Ptilotus fusiformis		Associated
Senna glutinosa subsp. *glutinosa*		Associated

Site MB016

Date	10/05/2023
Botanist	Megan Gray and Aishwarya Gujarathi
Quadrat Size	50 m x 50 m
NW Corner Coordinates	763290.6 mE 7644953.42 mN
Vegetation Unit	**AiCpTb** - *Acacia inaequilatera* Tall Sparse Shrubland over *Corchorus parviflorus* Low Sparse Shrubland over *Triodia brizoides* Low Hummock Grassland.
Slope	Crest undulating hill
Landform	Gentle
Soil Colour	Red-brown
Soil Type	Loam
Litter	0.5%
Bare Ground	50%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	None



Species	Height (m)	% Cover
Hakea lorea subsp. *lorea*	4	2
Acacia inaequilatera	3	5
Triodia epactia	1	50
Acacia ptychophylla		+
Bulbostylis barbata		+
Cajanus cinereus		+
Corchorus parviflorus		+
Cymbopogon ambiguus		+
Dampiera candicans		+
Gomphrena cunninghamii		+
Gossypium australe		+
Indigofera monophylla		+
Polycarpaea holtzei		+
Polymeria ambigua		+
Ptilotus calostachyus		+
Rhynchosia minima		+
Solanum diversiflorum		+
Trigastrotheca molluginea		+

Site MB017

Date	10/05/2023
Botanist	Megan Gray and Aishwarya Gujarathi
Quadrat Size	50 m x 50 m
NW Corner Coordinates	763703.44 mE 7646223.25 mN
Vegetation Unit	**ElAtTe** - *Eucalyptus leucophloia* subsp. *leucophloia* Low Isolated Trees over *Acacia inaequilatera* and *Acacia tumida* var. *pilbarensis* Tall Sparse Shrubland over *Triodia epactia* and *Triodia brizoides* Mid Hummock Grassland.
Slope	Midslope
Landform	Moderate
Soil Colour	Light brown
Soil Type	Loam
Litter	1%
Bare Ground	60%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	None



Species	Height (m)	% Cover
Eucalyptus leucophloia subsp. *leucophloia*	4	2
Acacia tumida var. *pilbarensis*	3.5	5
Triodia epactia	1.2	30
Eriachne benthamii	1	1
Acacia inaequilatera		+
Acacia orthocarpa		+
Acacia sibirica		+
Aristida contorta		+
Bulbostylis barbata		+
Cassytha capillaris		+
Corchorus parviflorus		+
Cymbopogon ambiguus		+
Dampiera candicans		+
Eriachne benthamii		+
Eriachne pulchella subsp. *dominii*		+
Fimbristylis simulans		+
Goodenia stobbsiana		+
Grevillea pyramidalis subsp. *leucadendron*		+
Grevillea wickhamii subsp. *aprica*		+
Hakea lorea subsp. *lorea*		+
Nellica maderaspatensis		+
Polycarpaea holtzei		+
Ptilotus fusiformis		+
Senna glutinosa subsp. *glutinosa*		+

Site MB018

Date	10/05/2023
Botanist	Megan Gray and Aishwarya Gujarathi
Quadrat Size	130 m x 19 m
NW Corner Coordinates	765053.25 mE 7644958.64 mN
Vegetation Unit	**AiTe** - *Acacia inaequilatera* and *Grevillea wickhamii* subsp. *aprica* Tall Sparse Shrubland over *Triodia epactia* and *Triodia brizoides* Mid Hummock Grassland.
Slope	Upland drainage
Landform	Gentle
Soil Colour	Red-brown
Soil Type	Loam
Litter	2%
Bare Ground	40%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	None



Species	Height (m)	% Cover
Acacia inaequilatera	4	6
Grevillea wickhamii subsp. *aprica*	3	2
Acacia ptychophylla	1.2	1
Cymbopogon ambiguus	0.8	3
Triodia epactia	0.6	40
Eriachne benthamii	0.4	3
Acacia ptychophylla		+
Afrohybanthus aurantiacus		+
Arivela viscosa		+
Boerhavia gardneri		+
Cajanus sp. *2*		+
Corchorus parviflorus		+
Crotalaria medicaginea var. *neglecta*		+
Cucumis variabilis		+
Euphorbia coghlanii		+
Gomphrena cunninghamii		+
Gossypium australe		+
Grevillea pyramidalis subsp. *leucadendron*		+
Grevillea wickhamii subsp. *aprica*		+
Hakea lorea subsp. *lorea*		+
Hibiscus sturtii var. *platychlamys*		+
Indigofera colutea		+
Indigofera monophylla		+
Nellica maderaspatensis		+
Notoleptopus decaisnei		+
Paraneurachne muelleri		+
Polycarpaea holtzei		+
Polycarpaea longiflora		+
Polymeria ambigua		+
Rhynchosia minima		+
Senna glutinosa subsp. *glutinosa*		+
Senna symonii		+
Senna venusta		+
Solanum diversiflorum		+
Solanum gabrielae		+
Trigastrotheca molluginea		+
Triodia brizoides		+

Site MB019

Date	11/05/2023
Botanist	Sarah Beckwith and Taryn Brebner
Quadrat Size	50 m x 50 m
NW Corner Coordinates	800651.7 mE 7633418.1 mN
Vegetation Unit	**AiAaTe** - *Acacia inaequilatera* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Sparse Shrubland over *Acacia ancistrocarpa* and *Corchorus parviflorus* Isolated Mid Shrubs over *Triodia epactia* Mid Hummock Grassland.
Slope	Plain
Landform	Gentle
Soil Colour	Red
Soil Type	Sandy loam
Litter	2%
Bare Ground	55%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Cattle tracks



Species	Height (m)	% Cover
Acacia inaequilatera	3	1
Grevillea pyramidalis subsp. *leucadendron*	2	1
Indigofera monophylla	0.5	10
Triodia epactia	0.5	5
Euphorbia australis var. *subtomentosa*	0.1	1
Trigastrotheca molluginea	0.1	2
Arivela viscosa		+
Boerhavia sp.		+
Bonamia pilbarensis		+
Bulbostylis barbata		+
Corchorus incanus		+
Eragrostis olida		+
Eriachne mucronata		+
Evolvulus alsinoides var. *villosicalyx*		+
Goodenia ? cusackiana		+
Goodenia cusackiana		+
Heliotropium murinum		+
Indigofera colutea		+
Paraneurachne muelleri		+
Portulaca oleracea		+
Pterocaulon sphacelatum		+
Ptilotus axillaris		+
Senna notabilis		+
Solanum diversiflorum		+
Tephrosia supina		+
Triumfetta chaetocarpa		+

Site MB020

Date	11/05/2023
Botanist	Sarah Beckwith and Taryn Brebner
Quadrat Size	50 m x 50 m
NW Corner Coordinates	803825.42 mE 7634199.85 mN
Vegetation Unit	**GwCpTe** - *Grevillea wickhamii* subsp. *aprica* Isolated Mid Shrubs over *Corchorus parviflorus* Low Sparse Shrubland over *Triodia epactia, Cymbopogon ambiguus* and *Eriachne mucronata* Sparse Mid Hummock Grassland.
Slope	Ridge
Landform	Steep
Soil Colour	Brown
Soil Type	Loam
Litter	0%
Bare Ground	4%
Fire Age	>10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	None



Species	Height (m)	% Cover
Atalaya hemiglauca	4	1
Cymbopogon ambiguus	0.7	2
Gossypium australe	0.7	1
**Cenchrus ciliaris*	0.5	2
Corchorus parviflorus	0.5	1
Triodia epactia	0.3	10
Abutilon lepidum		+
Afrohybanthus aurantiacus		+
Arivela viscosa		+
Bulbostylis barbata		+
Cucumis variabilis		+
Cyperus cunninghamii subsp. *cunninghamii*		+
Dolichocarpa crouchiana		+
Enneapogon lindleyanus		+
Eriachne mucronata		+
Euphorbia australis var. *subtomentosa*		+
Evolvulus alsinoides var. *villosicalyx*		+
Gomphrena cunninghamii		+
Gomphrena cunninghamii		+
Goodenia cusackiana		+
Grevillea wickhamii subsp. *aprica*		+
Indigofera colutea		+
Indigofera monophylla		+
Melhania oblongifolia		+
Nicotiana benthamiana		+
Polycarpaea holtzei		+
Polycarpaea longiflora		+
Ptilotus fusiformis		+
Ptilotus obovatus		+
Senna artemisioides subsp. *oligophylla*		+
Senna glutinosa		+
Sida rohlenae subsp. *rohlenae*		+
Solanum horridum		+
Synaptantha tillaeacea var. *tillaeacea*		+
Tephrosia densa		+
Tribulus platypterus		+
Trichodesma zeylanicum		+
Trigastrotheca molluginea		+

Site MB021

Date	11/05/2023
Botanist	Sarah Beckwith and Taryn Brebner
Quadrat Size	50 m x 50 m
NW Corner Coordinates	802771.2 mE 7627809.63 mN
Vegetation Unit	**AtTe** - *Acacia trachycarpa* and *Acacia ampliceps* Tall Open Shrubland over *Triodia epactia, Triodia longiceps* and **Cenchrus ciliaris* Tall Open Hummock Grassland.
Slope	Drainage
Landform	Moderate
Soil Colour	Brown
Soil Type	Loam on banks and sand in river bed
Litter	1%
Bare Ground	45%
Fire Age	>10 Years
Vegetation Condition	Very Good-Excellent
Disturbances/Impacts	Nearby grinding patches and presence of weeds.



Species	Height (m)	% Cover
Acacia trachycarpa	2	15
Crotalaria cunninghamii subsp. *sturtii*	1.5	1
Arivela viscosa	1	2
**Cenchrus ciliaris*	1	2
Corchorus incanus	1	1
Sida rohlenae subsp. *rohlenae*	0.7	1
Acacia sericophylla		+
Ammannia multiflora		+
Bulbostylis barbata		+
Calandrinia tepperiana		+
Chrysopogon fallax		+
Clerodendrum floribundum var. *angustifolium*		+
Cynanchum floribundum		+
Cyperus vaginatus		+
Eragrostis cumingii		+
Eucalyptus ? camaldulensis		+
Euphorbia australis var. *subtomentosa*		+
Grevillea wickhamii subsp. *aprica*		+
Hibiscus austrinus var. *austrinus*		+
Ipomoea muelleri		+
Portulaca oleracea		+
Senna notabilis		+
Sesbania cannabina		+
Stemodia viscosa		+
Streptoglossa ? decurrens		+
Trigastrotheca molluginea		+
Triodia longiceps		+
Wahlenbergia tumidifructa		+

Site MB022

Date	11/05/2023
Botanist	Sarah Beckwith and Taryn Brebner
Quadrat Size	50 m x 50 m
NW Corner Coordinates	807166.59 mE 7630090.82 mN
Vegetation Unit	**AiAaTe** - *Acacia inaequilatera* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Sparse Shrubland over *Acacia ancistrocarpa* and *Corchorus parviflorus* Isolated Mid Shrubs over *Triodia epactia* Mid Hummock Grassland.
Slope	Plain
Landform	Gentle
Soil Colour	Red
Soil Type	Loam
Litter	1%
Bare Ground	18%
Fire Age	>10 Years
Vegetation Condition	Very Good-Excellent
Disturbances/Impacts	Kangaroo lays? (kangaroo scat)



Species	Height (m)	% Cover
Grevillea pyramidalis subsp. *leucadendron*	2.5	0.5
Acacia inaequilatera	2	1
Triodia epactia	1	60
Alysicarpus muelleri		+
Bonamia pilbarensis		+
Corchorus parviflorus		+
Crotalaria medicaginea var. *neglecta*		+
Goodeniaceae sp.		+
Indigofera colutea		+
Polycarpaea corymbosa var. *corymbosa*		+
Polycarpaea holtzei		+
Polymeria ambigua		+
Tephrosia densa		+
Tephrosia supina		+
Trigastrotheca molluginea		+

Site MB023

Date	11/05/2023
Botanist	Sarah Beckwith and Taryn Brebner
Quadrat Size	50 m x 50 m
NW Corner Coordinates	808329.46 mE 7630686.17 mN
Vegetation Unit	**AiCpTw** - *Acacia inaequilatera* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Isolated Shrubland over *Corchorus parviflorus* Low Sparse Shrubland over *Triodia wiseana* Low Hummock Grassland.
Slope	Plain
Landform	Gentle
Soil Colour	Grey-brown
Soil Type	Loam
Litter	0%
Bare Ground	10%
Fire Age	>10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Cattle scats



Species	Height (m)	% Cover
Grevillea pyramidalis subsp. *leucadendron*	2.5	1
Indigofera monophylla	1	1
Triodia wiseana	0.5	60
Acacia bivenosa		+
Bulbostylis barbata		+
Corchorus sp.		+
Indigofera deserticola		+
Indigofera linifolia		+
Senna glutinosa		+
Corymbia hamersleyana		Associated

Site MB024

Date	11/05/2023
Botanist	Sarah Beckwith and Taryn Brebner
Quadrat Size	50 m x 50 m
NW Corner Coordinates	808152.77 mE 7628770.35 mN
Vegetation Unit	**GwTw** - *Grevillea wickhamii* subsp. *aprica, Polycarpaea holtzei* and *Dampiera candicans* Sparse Mid Shrubland over *Triodia wiseana* and *Triodia epactia* Open Mid Hummock Grassland.
Slope	Ridge
Landform	Moderate
Soil Colour	Dark grey
Soil Type	Loam
Litter	2%
Bare Ground	6%
Fire Age	>10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	None



Species	Height (m)	% Cover
Grevillea wickhamii subsp. *aprica*	1.5	2
Dampiera candicans	1	1
Polycarpaea holtzei	1	2
Triodia epactia	0.7	10
Triodia wiseana	0.5	10
Acacia bivenosa		+
Indigofera monophylla		+
Senna glutinosa		+
Tribulus platypterus		+

Site MB025

Date	11/05/2023
Botanist	Megan Gray and Aishwarya Gujarathi
Quadrat Size	125 m x 20 m
NW Corner Coordinates	809991.49 mE 7628306.4 mN
Vegetation Unit	**AhAtTa** - *Atalaya hemiglauca* Low Isolated Trees over *Acacia trachycarpa* Tall Sparse Shrubland over *Triodia angusta, Triodia longiceps* and **Cenchrus setiger* Low Open Hummock Grassland.
Slope	Minor drainage confluence
Landform	Moderate
Soil Colour	Orange-brown
Soil Type	Sand
Litter	3%
Bare Ground	80%
Fire Age	>10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Cattle grazing, weeds



Species	Height (m)	% Cover
Acacia ampliceps	3.2	1
Acacia sericophylla	3	2
Acacia trachycarpa	2	1
Hibiscus austrinus var. *austrinus*	1.8	1
Triodia longiceps	1	5
Cyperus ixiocarpus	0.8	1
Eriachne benthamii	0.6	2
Acacia sericophylla		+
Bonamia pannosa		+
Bulbostylis barbata		+
Calandrinia tepperiana		+
Cassytha capillaris		+
**Cenchrus ciliaris*		+
Commelina ensifolia		+
Crotalaria cunninghamii subsp. *sturtii*		+
Cucumis variabilis		+
Cymbopogon ambiguus		+
Cyperus squarrosus		+
Enneapogon caerulescens		+
Eragrostis cumingii		+
Euphorbia tannensis subsp. *eremophila*		+
Evolvulus alsinoides var. *villosicalyx*		+
Gomphrena cunninghamii		+
Hibiscus sturtii var. *platychlamys*		+
Notoleptopus decaisnei		+
Perotis rara		+
Polycarpaea corymbosa var. *corymbosa*		+
Polycarpaea longiflora		+
Ptilotus fusiformis		+
Rhynchosia minima		+
Scaevola parvifolia		+
Sida arenicola		+
Sida cardiophylla		+
Sida rohlenae subsp. *rohlenae*		+
Solanum diversiflorum		+
Solanum phlomoides		+
Stemodia grossa		+
Tephrosia densa		+
Trachymene oleracea		+
Vigna lanceolata var. *lanceolata*		+

Site MB026

Date	12/05/2023
Botanist	Sarah Beckwith and Taryn Brebner
Quadrat Size	50 m x 50 m
NW Corner Coordinates	807078.07 mE 7625720.64 mN
Vegetation Unit	**AiAaTe** - *Acacia inaequilatera* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Sparse Shrubland over *Acacia ancistrocarpa* and *Corchorus parviflorus* Isolated Mid Shrubs over *Triodia epactia* Mid Hummock Grassland.
Slope	Plain
Landform	Flat
Soil Colour	Red
Soil Type	Loamy sand
Litter	3%
Bare Ground	32%
Fire Age	>10 Years
Vegetation Condition	Very Good-Excellent
Disturbances/Impacts	Die out in the middle of the triodia, cattle scats.



Species	Height (m)	% Cover
Acacia inaequilatera	4	1
Triodia epactia	1.2	60
Bulbostylis barbata	0.1	2
Acacia ancistrocarpa		+
Afrohybanthus aurantiacus		+
Alysicarpus muelleri		+
Aristida contorta		+
Aristida holathera var. *holathera*		+
Arivela viscosa		+
Boerhavia coccinea		+
Bonamia pannosa		+
**Cenchrus ciliaris*		+
Corchorus incanus		+
Cucumis variabilis		+
Cullen stipulaceum		+
Cymbopogon ambiguus		+
Enneapogon ?caerulescens		+
Enneapogon polyphyllus		+
Euphorbia australis var. *subtomentosa*		+
Goodenia cusackiana		+
Indigofera colutea		+
Indigofera monophylla		+
Polycarpaea corymbosa var. *corymbosa*		+
Polycarpaea holtzei		+
Senna notabilis		+
Tephrosia supina		+
Trichodesma zeylanicum		+
Trigastrotheca molluginea		+
Zornia albiflora		+

Site MB027

Date	12/05/2023
Botanist	Sarah Beckwith and Taryn Brebner
Quadrat Size	50 m x 50 m
NW Corner Coordinates	808781.13 mE 7620227.29 mN
Vegetation Unit	**AiAaTe** - *Acacia inaequilatera* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Sparse Shrubland over *Acacia ancistrocarpa* and *Corchorus parviflorus* Isolated Mid Shrubs over *Triodia epactia* Mid Hummock Grassland.
Slope	Plain
Landform	Flat
Soil Colour	Red
Soil Type	Sandy loam
Litter	1%
Bare Ground	55%
Fire Age	3-5 Years
Vegetation Condition	Very Good-Excellent
Disturbances/Impacts	Cattle scats



Species	Height (m)	% Cover
Acacia inaequilatera	2	1
Acacia ancistrocarpa	1.5	1
Triodia epactia	0.6	5
Corchorus incanus	0.5	2
Rhynchosia minima	0.2	1
Arivela viscosa		+
Boerhavia gardneri		+
Bulbostylis barbata		+
**Cenchrus ciliaris*		+
Eriachne pulchella subsp. *dominii*		+
Evolvulus alsinoides var. *villosicalyx*		+
Gomphrena leptoclada subsp. *leptoclada*		+
Goodenia cusackiana		+
Heliotropium murinum		+
Indigofera monophylla		2
Paraneurachne muelleri		+
Polycarpaea corymbosa var. *corymbosa*		+
Polycarpaea holtzei		+
Portulaca oleracea		+
Scaevola amblyanthera var. *centralis*		+
Senna notabilis		+
Sida cardiophylla		+
Solanum gabrielae		+
Synaptantha tillaeacea var. *tillaeacea*		+
Tribulus hirsutus		+
Trigastrotheca molluginea		+
Triumfetta chaetocarpa		+

Site MB028

Date	12/05/2023
Botanist	Sarah Beckwith and Taryn Brebner
Quadrat Size	50 m x 50 m
NW Corner Coordinates	803447.3 mE 7629436.04 mN
Vegetation Unit	**AiAaTe** - *Acacia inaequilatera* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Sparse Shrubland over *Acacia ancistrocarpa* and *Corchorus parviflorus* Isolated Mid Shrubs over *Triodia epactia* Mid Hummock Grassland.
Slope	Plain
Landform	Gentle
Soil Colour	Red
Soil Type	Loamy sand
Litter	3%
Bare Ground	35%
Fire Age	>10 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Some cattle movements, scats and weeds



Species	Height (m)	% Cover
Acacia inaequilatera	2	4
Grevillea wickhamii subsp. *aprica*	1.5	0.5
Triodia epactia	1	30
Corchorus parviflorus	0.7	2
**Cenchrus ciliaris*	0.5	1
Indigofera monophylla	0.5	3
Cassytha capillaris	0.1	1
Aristida holathera var. *holathera*		+
Corchorus incanus		+
Eragrostis olida		+
Goodenia cusackiana		+
Grevillea pyramidalis subsp. *leucadendron*		+
Paraneurachne muelleri		+
Pluchea ferdinandi-muelleri		+
Pluchea tetranthera		+
Ptilotus obovatus		+
Senna notabilis		+
Sida cardiophylla		+
Sida sp. Pilbara (A.A. Mitchell PRP 1543)		+
Tephrosia supina		+
Tribulus hirsutus		+
Trichodesma zeylanicum		+
Trigastrotheca molluginea		+
Indigofera linifolia		Associated

Site MB029

Date	12/05/2023
Botanist	Sarah Beckwith and Taryn Brebner
Quadrat Size	50 m x 50 m
NW Corner Coordinates	808355.58 mE 7617588.67 mN
Vegetation Unit	**AiCpTe1** - *Corymbia hamersleyana* Low Isolated Trees over *Acacia inaequilatera, Grevillea pyramidalis* subsp. *Leucadendron* and *Grevillea wickhamii* subsp. *hispidula* Tall Isolated Shrubland over *Triodia epactia* Open Mid Hummock Grassland.
Slope	Upper Slope
Landform	Moderate
Soil Colour	Red-brown
Soil Type	Loam
Litter	0%
Bare Ground	1%
Fire Age	>10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	None



Species	Height (m)	% Cover
Acacia inaequilatera	3	1
Grevillea pyramidalis subsp. *leucadendron*	2	1
Grevillea wickhamii subsp. *aprica*	2	0.5
Corchorus parviflorus	0.5	3
Triodia epactia	0.5	20
Rhynchosia minima	0.2	2
Afrohybanthus aurantiacus		+
**Cenchrus ciliaris*		+
Cymbopogon ambiguus		+
Enneapogon polyphyllus		+
Eremophila latrobei subsp. *glabra*		+
Eriachne mucronata		+
Euphorbia australis var. *subtomentosa*		+
Evolvulus alsinoides var. *villosicalyx*		+
Gomphrena leptoclada subsp. *leptoclada*		+
Portulaca oleracea		+
Senna glutinosa		+
Senna notabilis		+
Sida cardiophylla		+
Solanum gabrielae		+
Tephrosia rosea var. *clementii*		+
Triumfetta maconochieana		+

Site MB030

Date	11/05/2023
Botanist	Megan Gray and Aishwarya Gujarathi
Quadrat Size	50 m x 50 m
NW Corner Coordinates	812878.59 mE 7617977.94 mN
Vegetation Unit	**AeAmTe** - *Acacia eriopoda* and *Acacia orthocarpa* Tall Sparse Shrubland over *Acacia maitlandii* Sparse Mid Shrubland over *Triodia epactia* Low Open Hummock Grassland.
Slope	Midslope
Landform	Gentle
Soil Colour	Light brown
Soil Type	Loamy sand
Litter	3%
Bare Ground	70%
Fire Age	3-5 Years
Vegetation Condition	Excellent
Disturbances/Impacts	None



Species	Height (m)	% Cover
Acacia eriopoda	2.1	5
Acacia orthocarpa	2	1
Acacia maitlandii	1.3	5
Triodia epactia	0.3	25
Aristida contorta		+
Bulbostylis barbata		+
Corchorus parviflorus		+
Cymbopogon ambiguus		+
Cyperus bifax		+
Dampiera candicans		+
Eriachne ciliata		+
Eriachne pulchella subsp. *dominii*		+
Evolvulus alsinoides var. *villosicalyx*		+
Fimbristylis simulans		+
Goodenia stobbsiana		+
Grevillea wickhamii subsp. *aprica*		+
Indigofera colutea		+
Indigofera monophylla		+
Perotis rara		+
Polycarpaea corymbosa var. *corymbosa*		+
Solanum diversiflorum		+
Solanum phlomoides		+
Synaptantha tillaeacea var. *tillaeacea*		+
Trachymene oleracea		+
Tribulus platypterus		+
Trigastrotheca molluginea		+

Site MB031

Date	11/05/2023
Botanist	Megan Gray and Aishwarya Gujarathi
Quadrat Size	166 m x 15 m
NW Corner Coordinates	816662.76 mE 7622059.5 mN
Vegetation Unit	**EvAtEb** - *Eucalyptus victrix* Open Mid Woodland over *Acacia tumida* var. *pilbarensis* and *Gossypium robinsonii* Open Mid Shrubland over *Eriachne benthamii, Triodia epactia* and *Chrysopogon fallax* Open Mid Tussock Grassland.
Slope	Upland drainage
Landform	Gentle
Soil Colour	Pale orange
Soil Type	Sand
Litter	2%
Bare Ground	90%
Fire Age	5-10 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Cattle grazing, weeds



Species	Height (m)	% Cover
Eucalyptus victrix	12	2.1
Acacia tumida var. *pilbarensis*	2	15
Gossypium robinsonii	1.7	5
Triodia epactia	1	10
Chrysopogon fallax	0.5	1
Eriachne benthamii	0.5	15
Acacia bivenosa		+
Acacia monticola		+
Acacia pyrifolia		+
Afrohybanthus aurantiacus		+
Alternanthera nana		+
Amaranthus undulatus		+
Arivela viscosa		+
**Cenchrus setiger*		+
Cymbopogon ambiguus		+
Eriachne melicacea		+
Euphorbia coghlanii		+
Grevillea pyramidalis subsp. *leucadendron*		+
Grevillea wickhamii subsp. *aprica*		+
Indigofera monophylla		+
Indigofera trita		+
Notoleptopus decaisnei		+
Rhynchosia minima		+
Senna glutinosa subsp. *glutinosa*		+
Sida fibulifera		+
Sporobolus australasicus		+
Tephrosia rosea var. *clementii*		+
Themeda triandra		+
Trigastrotheca molluginea		+
Waltheria indica		+
Waltheria indica		+
Dactyloctenium radulans		Associated
Enneapogon caerulescens		Associated
Euphorbia australis var. *subtomentosa*		Associated
Evolvulus alsinoides var. *villosicalyx*		Associated
Sida rohlenae subsp. *rohlenae*		Associated

Site MB032

Date	11/05/2023
Botanist	Megan Gray and Aishwarya Gujarathi
Quadrat Size	50 m x 50 m
NW Corner Coordinates	817127.49 mE 7623984.77 mN
Vegetation Unit	**AiTe** - *Acacia inaequilatera* and *Grevillea wickhamii* subsp. *aprica* Tall Sparse Shrubland over *Triodia epactia* and *Triodia brizoides* Mid Hummock Grassland.
Slope	Hill crest
Landform	Moderate
Soil Colour	Red-brown
Soil Type	Loam
Litter	0.2%
Bare Ground	85%
Fire Age	3-5 Years
Vegetation Condition	Excellent
Disturbances/Impacts	None



Species	Height (m)	% Cover
Triodia brizoides	0.2	20
Acacia inaequilatera		+
Alysicarpus muelleri		+
Bulbostylis turbinata		+
Corchorus parviflorus		+
Crotalaria medicaginea var. *neglecta*		+
Cucumis variabilis		+
Cullen leucanthum		+
Cymbopogon ambiguus		+
Cymbopogon ambiguus		+
Dodonaea coriacea		+
Euphorbia careyi		+
Fimbristylis simulans		+
Gomphrena cunninghamii		+
Gossypium australe		+
Grevillea pyramidalis subsp. *leucadendron*		+
Grevillea wickhamii subsp. *aprica*		+
Hakea lorea subsp. *lorea*		+
Indigofera rugosa		+
Pentalepis trichodesmoides subsp. *trichodesmoides*		+
Polymeria ambigua		+
Rhynchosia minima		+
Senna symonii		+

Site MB033

Date	11/05/2023
Botanist	Megan Gray and Aishwarya Gujarathi
Quadrat Size	80 m x 31 m
NW Corner Coordinates	816695.92 mE 7626262.25 mN
Vegetation Unit	**AiTe** - *Acacia inaequilatera* and *Grevillea wickhamii* subsp. *aprica* Tall Sparse Shrubland over *Triodia epactia* and *Triodia brizoides* Mid Hummock Grassland.
Slope	Crest saddle
Landform	Steep
Soil Colour	Red-brown
Soil Type	Loam
Litter	0.1%
Bare Ground	70%
Fire Age	1-3 Years
Vegetation Condition	Excellent
Disturbances/Impacts	None



Species	Height (m)	% Cover
Themeda triandra	0.8	2
Triodia brizoides	0.8	2
Triodia epactia	0.8	2
Boerhavia gardneri		+
Corchorus parviflorus		+
Cullen leucanthum		+
Cymbopogon ambiguus		+
Dodonaea coriacea		+
Eriachne benthamii		+
Euphorbia careyi		+
Grevillea wickhamii subsp. *aprica*		+
Hakea lorea subsp. *lorea*		+
Indigofera monophylla		+
Pentalepis trichodesmoides subsp. *trichodesmoides*		+
Polycarpaea holtzei		+
Polymeria ambigua		+
Senna glutinosa subsp. *glutinosa*		+
Senna symonii		+
Tribulus platypterus		+

Site MB034

Date	13/05/2023
Botanist	Sarah Beckwith and Taryn Brebner
Quadrat Size	50 m x 50 m
NW Corner Coordinates	805545.9 mE 7633872.0 mN
Vegetation Unit	**Tw2** - *Triodia wiseana* and *Triodia epactia* Mid Hummock Grassland.
Slope	Upper Slope
Landform	Moderate
Soil Colour	orange brown loam
Soil Type	Loam
Litter	0%
Bare Ground	1%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Fire scar nearby



Species	Height (m)	% Cover
Triodia epactia	0.5	20
Triodia wiseana	0.5	30
Acacia bivenosa		+
Boerhavia coccinea		+
Bonamia pilbarensis		+
Corchorus parviflorus		+
Crotalaria medicaginea var. *neglecta*		+
Cucumis variabilis		+
Euploca cunninghamii		+
Indigofera deserticola		+
Rhynchosia minima		+
Senna artemisioides subsp. *oligophylla*		+
Senna glutinosa subsp. *pruinosa*		+
Senna symonii		+
Swainsona decurrens		+
Tephrosia supina		+
Trigastrotheca molluginea		+
Triumfetta maconochieana		+
Cymbopogon ambiguus		Associated
Euphorbia careyi		Associated
Gomphrena leptoclada subsp. *leptoclada*		Associated
Grevillea pyramidalis subsp. *leucadendron*		Associated
Indigofera linifolia		Associated

Site MB035

Date	14/05/2023
Botanist	Megan Gray and Aishwarya Gujarathi
Quadrat Size	50 m x 50 m
NW Corner Coordinates	818704.81 mE 7628027.75 mN
Vegetation Unit	**AiAaTe** - *Acacia inaequilatera* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Sparse Shrubland over *Acacia ancistrocarpa* and *Corchorus parviflorus* Isolated Mid Shrubs over *Triodia epactia* Mid Hummock Grassland.
Slope	Undulating plains
Landform	Moderate
Soil Colour	Brown
Soil Type	Sandy clay loam
Litter	1%
Bare Ground	70%
Fire Age	5-10 Years
Vegetation Condition	Very Good-Excellent
Disturbances/Impacts	Cattle, weeds in flow line nearby.



Species	Height (m)	% Cover
Acacia pyrifolia	3.2	0.5
Acacia inaequilatera	3	2
Grevillea pyramidalis subsp. *leucadendron*	3	2
Triodia epactia	0.8	15
Triodia brizoides	0.6	20
Acacia inaequilatera		+
Acacia orthocarpa		+
Alysicarpus muelleri		+
Aristida contorta		+
Arivela viscosa		+
Bulbostylis barbata		+
Bulbostylis turbinata		+
Corchorus parviflorus		+
Crotalaria medicaginea var. *neglecta*		+
Cynodon prostratus		+
Dampiera candicans		+
Eriachne pulchella subsp. *dominii*		+
Indigofera colutea		+
Indigofera linifolia		+
Iseilema dolichotrichum		+
Pluchea ferdinandi-muelleri		+
Pluchea tetranthera		+
Polycarpaea corymbosa var. *corymbosa*		+
Rhynchosia minima		+
Senna glutinosa subsp. *glutinosa*		+
Senna symonii		+
Sporobolus ramigerus		+

Site MB036

Date	14/05/2023
Botanist	Megan Gray and Aishwarya Gujarathi
Quadrat Size	50 m x 50 m
NW Corner Coordinates	821229.27 mE 7636399.47 mN
Vegetation Unit	**EcTl** - *Eucalyptus camaldulensis* subsp. *refulgens* Mid Woodland over *Melaleuca* spp. and *Acacia ampliceps* Tall Sparse Shrubland over *Triodia longiceps* Sparse Mid Hummock Grassland.
Slope	Undulating plains
Landform	Moderate
Soil Colour	Brown
Soil Type	Sand clay loam
Litter	1%
Bare Ground	70%
Fire Age	5-10 Years
Vegetation Condition	Very Good-Excellent
Disturbances/Impacts	Cattle, weeds in flow line nearby.



Species	Height (m)	% Cover
Eucalyptus camaldulensis subsp. *refulgens*	15	10
Melaleuca glomerata	6	2
Acacia ampliceps	5	5
Triodia longiceps	1	5
**Cenchrus ciliaris*	0.9	2
Acacia pyrifolia		+
Acacia trachycarpa		+
**Aerva javanica*		+
Alysicarpus muelleri		+
Amaranthus undulatus		+
Arivela viscosa		+
Boerhavia gardneri		+
**Cenchrus setiger*		+
**Chloris barbata*		+
Corchorus parviflorus		+
Crotalaria cunninghamii subsp. *sturtii*		+
Cucumis variabilis		+
Cullen leucanthum		+
Cymbopogon ambiguus		+
Cyperus ixiocarpus		+
Dactyloctenium radulans		+
Euphorbia australis var. *subtomentosa*		+
Euphorbia careyi		+
Indigofera colutea		+
Pluchea ferdinandi-muelleri		+
Senna notabilis		+
Sesbania cannabina		+
Sporobolus actinocladus		+
Sporobolus ramigerus		+
Stemodia grossa		+
Trianthema pilosum		+

Site MB037

Date	11/05/2023
Botanist	Megan Gray and Aishwarya Gujarathi
Quadrat Size	50 m x 50 m
NW Corner Coordinates	821229.27 mE 7636399.47 mN
Vegetation Unit	**AiAaTe** - *Acacia inaequilatera* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Sparse Shrubland over *Acacia ancistrocarpa* and *Corchorus parviflorus* Isolated Mid Shrubs over *Triodia epactia* Mid Hummock Grassland.
Slope	Plain
Landform	Gentle
Soil Colour	Orange-brown
Soil Type	Loam
Litter	1%
Bare Ground	60%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Cattle presence



Species	Height (m)	% Cover
Acacia inaequilatera	1.8	2
Acacia ancistrocarpa	1.7	1
Triodia epactia	0.8	35
Alysicarpus muelleri		+
Aristida contorta		+
Corchorus incanus		+
Crotalaria medicaginea var. *neglecta*		+
Cucumis variabilis		+
Enneapogon caerulescens		+
Eremophila latrobei subsp. *glabra*		+
Evolvulus alsinoides var. *villosicalyx*		+
Goodenia cusackiana		+
Grevillea pyramidalis subsp. *leucadendron*		+
Indigofera colutea		+
Panicum australiense		+
Polycarpaea corymbosa var. *corymbosa*		+
Polycarpaea holtzei		+
Polymeria ambigua		+
Rhynchosia minima		+
Senna notabilis		+
Sida cardiophylla		+
Sida rohlenae subsp. *rohlenae*		+
Solanum diversiflorum		+
Tephrosia supina		+

Site MB038

Date	14/05/2023
Botanist	Megan Gray and Aishwarya Gujarathi
Quadrat Size	50 m x 50 m
NW Corner Coordinates	817906.79 mE 7635958.84 mN
Vegetation Unit	**AiAaTe** - *Acacia inaequilatera* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Sparse Shrubland over *Acacia ancistrocarpa* and *Corchorus parviflorus* Isolated Mid Shrubs over *Triodia epactia* Mid Hummock Grassland.
Slope	Gentle
Landform	Undulating floodplain
Soil Colour	Pale orange
Soil Type	Loamy sand
Litter	3%
Bare Ground	15%
Fire Age	5-10 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Weeds, cows



Species	Height (m)	% Cover
Acacia ancistrocarpa	2	0.2
Grevillea pyramidalis subsp. *leucadendron*	2	0.1
Acacia inaequilatera	1.5	2
Triodia longiceps	0.6	10
Triodia epactia	0.5	35
Acacia ancistrocarpa		+
Alysicarpus muelleri		+
Aristida contorta		+
Arivela viscosa		+
Boerhavia coccinea		+
Bulbostylis barbata		+
Corchorus parviflorus		+
Cucumis variabilis		+
Cynodon prostratus		+
Dactyloctenium radulans		+
Enneapogon caerulescens		+
Enneapogon polyphyllus		+
Eriachne pulchella subsp. *dominii*		+
Euphorbia australis var. *subtomentosa*		+
Euploca cunninghamii		+
Evolvulus alsinoides var. *villosicalyx*		+
Grevillea wickhamii subsp. *aprica*		+
Heliotropium murinum		+
Indigofera colutea		+
Iseilema dolichotrichum		+
Pluchea ferdinandi-muelleri		+
Polycarpaea corymbosa var. *corymbosa*		+
Polymeria ambigua		+
Portulaca oleracea		+
Rhynchosia minima		+
Sclerolaena costata		+
Senna notabilis		+
Sporobolus actinocladus		+
Stemodia grossa		+
Trianthema turgidifolium		+
**Eragrostis minor*		+
Eremophila latrobei subsp. *glabra*		Associated

Site MB039

Date	13/05/2023
Botanist	Megan Gray and Aishwarya Gujarathi
Quadrat Size	50 m x 50 m
NW Corner Coordinates	813508.91 mE 7646148.41 mN
Vegetation Unit	**AiAaTe** - *Acacia inaequilatera* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Sparse Shrubland over *Acacia ancistrocarpa* and *Corchorus parviflorus* Isolated Mid Shrubs over *Triodia epactia* Mid Hummock Grassland.
Slope	Undulated floodplain fringing drain
Landform	Gentle
Soil Colour	Red-brown
Soil Type	Sandy clay loam
Litter	0.2%
Bare Ground	85%
Fire Age	1-3 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Cattle presence and grazing



Species	Height (m)	% Cover
Grevillea pyramidalis subsp. *leucadendron*	3	0.5
Grevillea wickhamii subsp. *aprica*	2.5	0.4
Acacia inaequilatera	2	1
Acacia ancistrocarpa	1.7	1
Triodia epactia	0.7	20
Aristida contorta	0.2	2
Corchorus incanus	0.2	5
Corchorus parviflorus	0.2	7
Acacia maitlandii		+
Alysicarpus muelleri		+
Bonamia pannosa		+
Bulbostylis barbata		+
Cynodon prostratus		+
Dactyloctenium radulans		+
Enneapogon caerulescens		+
Enneapogon polyphyllus		+
Eriachne pulchella subsp. *dominii*		+
Euphorbia sp.		+
Evolvulus alsinoides		+
Indigofera colutea		+
Polycarpaea holtzei		+
Polymeria ambigua		+
Portulaca oleracea		+
Rhynchosia minima		+
Senna notabilis		+
Sida arenicola		+
Tephrosia ? supina		+
Trigastrotheca molluginea		+

Site MB040

Date	12/05/2023
Botanist	Megan Gray and Aishwarya Gujarathi
Quadrat Size	50 m x 50 m
NW Corner Coordinates	816260.11 mE 7645846.31 mN
Vegetation Unit	**AiAaTe** - *Acacia inaequilatera* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Sparse Shrubland over *Acacia ancistrocarpa* and *Corchorus parviflorus* Isolated Mid Shrubs over *Triodia epactia* Mid Hummock Grassland.
Slope	Floodplain fringing drainage
Landform	Gentle
Soil Colour	Brown
Soil Type	Clay loam
Litter	0.5%
Bare Ground	55%
Fire Age	3-5 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Cattle, weeds nearby in drainage



Species	Height (m)	% Cover
Grevillea pyramidalis subsp. *leucadendron*	3	3
Acacia inaequilatera	2	1
Triodia longiceps	1.2	34
Acacia ancistrocarpa		+
Alysicarpus muelleri		+
Ammannia baccifera		+
Bulbostylis barbata		+
Bulbostylis turbinata		+
Chrysopogon fallax		+
Corchorus incanus		+
Corchorus parviflorus		+
Crotalaria medicaginea var. *neglecta*		+
Cucumis variabilis		+
Cynodon prostratus		+
Cyperus squarrosus		+
Dactyloctenium radulans		+
Eragrostis cumingii		+
Eragrostis dielsii		+
Eragrostis eriopoda		+
Eriachne pulchella subsp. *dominii*		+
Evolvulus alsinoides var. *villosicalyx*		+
Gomphrena cunninghamii		+
Indigastrum parviflorum		+
Indigofera colutea		+
Indigofera linifolia		+
Indigofera trita		+
Perotis rara		+
Pluchea dentex		+
Polycarpaea corymbosa var. *corymbosa*		+
Polycarpaea holtzei		+
Polymeria ambigua		+
Portulaca oleracea		+
Rhynchosia minima		+
Senna notabilis		+
Sporobolus ramigerus		+
Stemodia viscosa		+
Synaptantha tillaeacea var. *tillaeacea*		+
Tephrosia ? supina		+

Site MB041

Date	12/05/2023
Botanist	Megan Gray and Aishwarya Gujarathi
Quadrat Size	50 m x 50 m
NW Corner Coordinates	818970.26 mE 7643669.7 mN
Vegetation Unit	**EcMa** - *Eucalyptus camaldulensis subsp. refulgens* and *Melaleuca argentea* Open Mid Woodland over *Acacia sericophylla*, *Acacia trachycarpa*, *Melaleuca glomerata* and *Melaleuca linophylla* Tall Sparse Shrubland over **Cenchrus setiger* and *Triodia longiceps* Sparse Mid Tussock Grassland.
Slope	Major drainage
Landform	Moderate
Soil Colour	Light brown
Soil Type	Sand
Litter	0.5%
Bare Ground	80%
Fire Age	5-10 Years
Vegetation Condition	Very Good-Excellent
Disturbances/Impacts	Cattle grazing, weeds



Species	Height (m)	% Cover
Eucalyptus camaldulensis subsp. *refulgens*	8	5
Melaleuca argentea	8	3
Acacia sericophylla	6	1
Melaleuca glomerata	3	4
Melaleuca linophylla	3	4
Cyperus ixiocarpus	1	5
Diplachne fusca subsp. *fusca*	1	1
Triodia longiceps	1	3
Eriachne tenuiculmis	0.6	2
Acacia ampliceps		+
Acacia sericophylla		+
Ammannia baccifera		+
Ammannia multiflora		+
Arivela viscosa		+
Bulbostylis turbinata		+
Cajanus cinereus		+
Calandrinia tepperiana		+
**Cenchrus setiger*		+
Cyperus ixiocarpus		+
Eriachne tenuiculmis		+
Euphorbia coghlanii		+
Haloragis sp. *3*		+
Indigofera linifolia		+
Ipomoea coptica		+
Ipomoea muelleri		+
Melaleuca glomerata		+
Nellica maderaspatensis		+
Rhynchosia minima		+
Senna notabilis		+
Sesbania cannabina		+
Sporobolus ramigerus		+
Stemodia viscosa		+
Tephrosia sp. B Kimberley Flora (C.A. Gardner 7300)		+

Site MB042

Date	11/05/2023
Botanist	Megan Gray and Aishwarya Gujarathi
Quadrat Size	50 m x 50 m
NW Corner Coordinates	822767.13 mE 7636363.47 mN
Vegetation Unit	**AiAaTe** - *Acacia inaequilatera* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Sparse Shrubland over *Acacia ancistrocarpa* and *Corchorus parviflorus* Isolated Mid Shrubs over *Triodia epactia* Mid Hummock Grassland.
Slope	Floodplain
Landform	Flat
Soil Colour	Red-brown
Soil Type	Sand
Litter	2%
Bare Ground	70%
Fire Age	3-5 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Cattle presence and grazing



Species	Height (m)	% Cover
Acacia inaequilatera	2	1.8
Corchorus parviflorus	1.6	5
Corchorus incanus	1.5	3
Triodia epactia	1	25
Amaranthus undulatus		+
Aristida contorta		+
Arivela viscosa		+
Boerhavia coccinea		+
Boerhavia gardneri		+
Bulbostylis barbata		+
Cucumis variabilis		+
Cullen stipulaceum		+
Cymbopogon ambiguus		+
Eragrostis eriopoda		+
Eriachne pulchella subsp. *dominii*		+
Euphorbia australis var. *subtomentosa*		+
Evolvulus alsinoides var. *villosicalyx*		+
Goodenia cusackiana		+
Gossypium australe		+
Indigofera colutea		+
Indigofera linifolia		+
Panicum australiense		+
Perotis rara		+
Polycarpaea corymbosa var. *corymbosa*		+
Polycarpaea holtzei		+
Polymeria ambigua		+
Portulaca oleracea		+
Rhynchosia minima		+
Sida arenicola		+
Sida cardiophylla		+
Sporobolus actinocladus		+
Sporobolus ramigerus		+
Tephrosia supina		+
Trigastrotheca molluginea		+
Triumfetta chaetocarpa		+

Site MB043

Date	12/05/2023
Botanist	Megan Gray and Aishwarya Gujarathi
Quadrat Size	113 m x 22 m
NW Corner Coordinates	825827.92 mE 7639497.96 mN
Vegetation Unit	**AtTe** - *Acacia trachycarpa* and *Acacia ampliceps* Tall Open Shrubland over *Triodia epactia, Triodia longiceps* and **Cenchrus ciliaris* Tall Open Hummock Grassland.
Slope	Medium drainage
Landform	Gentle
Soil Colour	Orange-brown
Soil Type	Sand
Litter	5%
Bare Ground	50%
Fire Age	>10 Years
Vegetation Condition	Good
Disturbances/Impacts	Cattle grazing, weeds



Species	Height (m)	% Cover
Acacia ampliceps	8	12
**Calotropis procera*	5	5
Cajanus cinereus	2	1
**Chloris barbata*	1.2	15
Triodia longiceps	1.2	20
Cyperus ixiocarpus	1	1
**Cenchrus ciliaris*	0.8	10
Amaranthus undulatus		+
Ammannia multiflora		+
**Argemone ochroleuca* subsp. *ochroleuca*		+
Arivela viscosa		+
Cajanus cinereus		+
Calandrinia tepperiana		+
Cucumis variabilis		+
Cyperus ixiocarpus		+
Cyperus squarrosus		+
Dactyloctenium radulans		+
Dysphania plantaginella		+
Eriachne tenuiculmis		+
Ficus aculeata var. *indecora*		+
Haloragis sp. *2*		+
Indigofera linifolia		+
**Indigofera sessiliflora*		+
Ipomoea muelleri		+
**Physalis angulata*		+
Pluchea ferdinandi-muelleri		+
Senna notabilis		+
Sesbania cannabina		+
Sporobolus actinocladus		+
Sporobolus ramigerus		+
Stemodia grossa		+
Stemodia viscosa		+
Tephrosia ? supina		+
Tinospora smilacina		+
**Vachellia farnesiana*		+

Site MB044

Date	12/05/2023
Botanist	Megan Gray and Aishwarya Gujarathi
Quadrat Size	50 m x 50 m
NW Corner Coordinates	825733.91 mE 7636926.21 mN
Vegetation Unit	**GwCpTe** - *Grevillea wickhamii* subsp. *aprica* Isolated Mid Shrubs over *Corchorus parviflorus* Low Sparse Shrubland over *Triodia epactia, Cymbopogon ambiguus* and *Eriachne mucronata* Sparse Mid Hummock Grassland.
Slope	Granite outcrop
Landform	Moderate
Soil Colour	Pale brown
Soil Type	Loamy sand
Litter	3%
Bare Ground	50%
Fire Age	3-5 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Weeds present at base of outcrop



Species	Height (m)	% Cover
Grevillea pyramidalis subsp. *leucadendron*	3	1
Grevillea wickhamii subsp. *aprica*	1.6	2
Cajanus cinereus	1.3	1
Corchorus parviflorus	0.8	5
Rhynchosia minima	0.8	2
Digitaria brownii	0.2	3
Eriachne mucronata	0.2	3
Triodia epactia	0.2	10
Chrysopogon fallax	0.1	1
?*Dysphania* sp.		+
Abutilon sp.		+
Amaranthus cuspidifolius		+
Amaranthus undulatus		+
Aristida contorta		+
Bonamia pilbarensis		+
Bulbostylis barbata		+
Cymbopogon ambiguus		+
Cynanchum floribundum		+
Cyperus bifax		+
Ehretia saligna var. *saligna*		+
Enneapogon caerulescens		+
Eriachne ciliata		+
Evolvulus alsinoides var. *villosicalyx*		+
Ficus aculeata var. *indecora*		+
Flueggea virosa subsp. *melanthesoides*		+
Gomphrena cunninghamii		+
Hibiscus sturtii		+
Indigofera colutea		+
Melhania oblongifolia		+
Panicum australiense		+
Polycarpaea corymbosa var. *corymbosa*		+
Polycarpaea holtzei		+
Senna venusta		+
Sida cardiophylla		+
Sida rohlenae subsp. *rohlenae*		+
Solanum diversiflorum		+
Solanum horridum		+
Tinospora smilacina		+
Trachymene oleracea		+
Trigastrotheca molluginea		+
Triumfetta chaetocarpa		+
Triumfetta maconochieana		+
Bulbostylis burbidgeae		Associated
**Cenchrus ciliaris*		Associated
Clerodendrum tomentosum var. *lanceolatum*		Associated
Josephinia eugeniae		Associated
Nicotiana benthamiana		Associated

Site MB045

Date	12/05/2023
Botanist	Megan Gray and Aishwarya Gujarathi
Quadrat Size	125 m x 20 m
NW Corner Coordinates	829450.87 mE 7638187.39 mN
Vegetation Unit	**AiAaTe** - *Acacia inaequilatera* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Sparse Shrubland over *Acacia ancistrocarpa* and *Corchorus parviflorus* Isolated Mid Shrubs over *Triodia epactia* Mid Hummock Grassland.
Slope	Minor upland drainage
Landform	Gentle
Soil Colour	Orange-brown
Soil Type	Sand
Litter	0.5%
Bare Ground	70%
Fire Age	3-5 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Cattle grazing, weeds



Species	Height (m)	% Cover
Acacia inaequilatera	3	10
Grevillea pyramidalis subsp. *leucadendron*	3	4
Cajanus cinereus	1.5	1.8
Pluchea ferdinandi-muelleri	1.2	2
Indigofera colutea	0.9	3
Corchorus parviflorus	0.8	6
Triodia epactia	0.8	25
Triodia wiseana	0.5	10
Chrysopogon fallax	0.4	8
Alternanthera nana		+
Alysicarpus muelleri		+
Arivela viscosa		+
Boerhavia gardneri		+
Bulbostylis turbinata		+
**Cenchrus ciliaris*		+
Chrysopogon fallax		+
Crotalaria medicaginea var. *neglecta*		+
Cullen martinii		+
Cullen stipulaceum		+
Cymbopogon ambiguus		+
Cyperus squarrosus		+
Dactyloctenium radulans		+
Enneapogon polyphyllus		+
Euphorbia australis var. *subtomentosa*		+
Evolvulus alsinoides var. *villosicalyx*		+
Hakea lorea subsp. *lorea*		+
Hibiscus sturtii var. *platychlamys*		+
Indigofera hirsuta		+
Indigofera linifolia		+
Indigofera monophylla		+
**Indigofera sessiliflora*		+
Ipomoea muelleri		+
Perotis rara		+
Polymeria ambigua		+
Portulaca oleracea		+
Rhynchosia minima		+
Senna notabilis		+
Sida arenicola		+
Sida rohlenae subsp. *rohlenae*		+
Solanum diversiflorum		+
Sporobolus actinocladus		+
Sporobolus ramigerus		+
Stemodia grossa		+
Tephrosia ? supina		+
Tribulus hirsutus		+
Tribulus occidentalis		+
Trigastrotheca molluginea		+

Site MB046

Date	12/05/2023
Botanist	Megan Gray and Aishwarya Gujarathi
Quadrat Size	50 m x 50 m
NW Corner Coordinates	831985.88 mE 7640074.49 mN
Vegetation Unit	**AiAaTe** - *Acacia inaequilatera* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Sparse Shrubland over *Acacia ancistrocarpa* and *Corchorus parviflorus* Isolated Mid Shrubs over *Triodia epactia* Mid Hummock Grassland.
Slope	Floodplain
Landform	Flat
Soil Colour	Orange-brown
Soil Type	Sand
Litter	0.5%
Bare Ground	65%
Fire Age	3-5 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Cattle presence and grazing



Species	Height (m)	% Cover
Acacia inaequilatera	3	3
Grevillea pyramidalis subsp. *leucadendron*	3	2
Hakea lorea subsp. *lorea*	2	0.05
Triodia epactia	0.8	40
Alysicarpus muelleri		+
Bulbostylis barbata		+
Cajanus cinereus		+
Evolvulus alsinoides var. *villosicalyx*		+
Fimbristylis simulans		+
Gossypium australe		+
Indigofera colutea		+
Indigofera linifolia		+
Panicum australiense		+
Polycarpaea corymbosa var. *corymbosa*		+
Polymeria ambigua		+
Rhynchosia minima		+

Site AP01

Date	24/05/2024
Botanist	Megan Gray, Sarah Beckwith, Aishwarya Gujarathi
Quadrat Size	50 x 50 m
NW Corner Coordinates	775459.54 mE 7641287.55 mN
Vegetation Unit	**ChTl** - *Corymbia hamersleyana* Low Isolated Trees over Mixed *Acacia* spp. Tall Sparse Shrubland over *Triodia longiceps* and *Triodia wiseana* Low Open Hummock Grassland.
Slope	Gentle
Landform	Low Undulating
Soil Colour	Light brown yellow
Soil Type	Loamy sand
Litter	0.5%
Bare Ground	75%
Fire Age	3-5 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Nearby road



Species	Height (m)	% Cover
Corymbia hamersleyana	8	1
Triodia longiceps	1.4	8
Triodia wiseana	0.8	5
Acacia bivenosa		+
**Aerva javanica*		+
Boerhavia gardneri		+
Cassytha sp. 3		+
Corchorus incanus subsp. *incanus*		+
Dactyloctenium radulans		+
Euphorbia australis var. *subtomentosa*		+
Euphorbia coghlanii		+
Euploca chrysocarpa		+
Goodenia muelleriana		+
Gossypium australe		+
Heliotropium crispatum		+
Indigofera monophylla		+
Pluchea ferdinandi-muelleri		+
Pluchea tetranthera		+
Polymeria ambigua		+
Portulaca oleracea		+
Ptilotus auriculifolius		+
Ptilotus exaltatus		+
Rhynchosia australis		+
Senna symonii		+
Sporobolus australasicus		+
Trichodesma zeylanicum		+

Site AP02

Date	25/05/2024
Botanist	Megan Gray, Sarah Beckwith, Aishwarya Gujarathi
Quadrat Size	50 x 50 m
NW Corner Coordinates	722528.21 mE 7649616.45 mN
Vegetation Unit	**AaGwTe** - *Acacia inaequilatera* Tall Isolated Shrubland over *Acacia acradenia* and *Grevillea wickhamii* Sparse Mid Shrubland over *Triodia epactia* Open Mid Hummock Grassland.
Slope	Moderate
Landform	Stony Rise
Soil Colour	Brown
Soil Type	Clay loam
Litter	1%
Bare Ground	55%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	None



Species	Height (m)	% Cover
Acacia inaequilatera	5.5	0.1
Grevillea wickhamii subsp. *hispidula*	5	0.5
Triodia brizoides	1.1	32
Triodia epactia	0.5	8
Acacia orthocarpa		+
Arivela viscosa		+
Crotalaria medicaginea var. *neglecta*		+
Cymbopogon ambiguus		+
Ptilotus auriculifolius		+
Rhynchosia australis		+
Solanum ? centrale		+
Acacia acradenia		Associated

Site AP03

Date	26/05/2024
Botanist	Megan Gray, Sarah Beckwith, Aishwarya Gujarathi
Quadrat Size	50 x 50 m
NW Corner Coordinates	769288.85 mE 7644442.04 mN
Vegetation Unit	**AmTe** - Acacia maitlandii and Acacia adsurgens Tall Sparse Shrubland over Triodia epactia and wiseana Mid Open Hummock Grassland.
Slope	Steep
Landform	Escarpment
Soil Colour	Yellow
Soil Type	Skeletal sand
Litter	2%
Bare Ground	90%
Fire Age	>10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	None



Species	Height (m)	% Cover
Acacia retivenea subsp. *clandestina*	2.2	2.5
Triodia wiseana	0.7	5
Adriana tomentosa		+
Arivela viscosa		+
Bulbostylis barbata		+
Corchorus laniflorus		+
Cymbopogon ambiguus		+
Cyperus hesperius		+
Eriachne mucronata		+
Eriachne pulchella subsp. *Pulchella*		+
Eriachne sp. Dugald River (B.K. Simon+ 3007)		+
Gomphrena cunninghamii		+
Gomphrena leptoclada subsp. *leptoclada*		+
Polycarpaea holtzei		+
Portulaca oleracea		+
Ptilotus auriculifolius		+
Ptilotus fusiformis		+
Senna notabilis		+
Solanum ? centrale		+
Solanum horridum		+
Tephrosia ? virens		+
Tinospora smilacina		+
Trachymene oleracea subsp. *oleracea*		+
Tribulus hirsutus		+
Trigastrotheca molluginea		+
Triumfetta chaetocarpa		+
Triumfetta clementii		+
Afrohybanthus aurantiacus		Associated
Bulbostylis barbata		Associated

Site AP04

Date	27/05/2024
Botanist	Megan Gray, Sarah Beckwith, Aishwarya Gujarathi
Quadrat Size	50 x 50 m
NW Corner Coordinates	778163.18 mE 7635533.8 mN
Vegetation Unit	**TcAtTe** - *Terminalia circumalata* Low Open Woodland over *Acacia tumida* var. *pilbarensis* Tall Sparse Shrubland over *Triodia epactia* and *Eriachne mucronata* Low Open Hummock Grassland.
Slope	Steep
Landform	Gorge
Soil Colour	Brown
Soil Type	Skeletal clay
Litter	0.5%
Bare Ground	90%
Fire Age	>10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	None



Species	Height (m)	% Cover
Acacia tumida var. *pilbarensis*	4.5	2
Terminalia circumalata	4.5	6
Ficus brachypoda	3	1
Triodia epactia	1.2	15
Cymbopogon ambiguus	1	3
Eriachne mucronata	0.6	3
Arivela viscosa		+
Cucumis variabilis		+
Cyperus hesperius		+
Cyperus microcephalus subsp. *microcephalus*		+
Dampiera sp.		+
Eragrostis cumingii		+
Eragrostis tenellula		+
Eriachne sp. Dugald River (B.K. Simon+ 3007)		+
Fimbristylis dichotoma		+
Goodenia microptera		+
Ptilotus fusiformis		+
Senna glutinosa subsp. *glutinosa*		+
Senna venusta		+
Sida macropoda		+
Solanum diversiflorum		+
Solanum horridum		+
Stemodia grossa		+

Site AP05

Date	27/05/2024
Botanist	Megan Gray, Sarah Beckwith, Aishwarya Gujarathi
Quadrat Size	50 x 50 m
NW Corner Coordinates	780359.43 mE 7643536.23 mN
Vegetation Unit	**AiCpTb** - *Acacia inaequilatera* Tall Sparse Shrubland over *Corchorus parviflorus* Low Sparse Shrubland over *Triodia brizoides* Low Hummock Grassland.
Slope	Moderate
Landform	Upper Drainage Minor
Soil Colour	Red brown
Soil Type	Loamy sand
Litter	5%
Bare Ground	20%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	None



Species	Height (m)	% Cover
Acacia inaequilatera	3	2
Grevillea wickhamii subsp. *hispidula*	2.5	1
Acacia trachycarpa	2.2	1.5
Gossypium australe	1	3
Themeda triandra	0.8	30
Eriachne tenuiculmis	0.7	30
Triodia wiseana	0.4	10
Afrohybanthus aurantiacus		+
Arivela viscosa		+
Boerhavia gardneri		+
Corchorus incanus subsp. *incanus*		+
Cucumis variabilis		+
Cymbopogon ambiguus		+
Euphorbia tannensis subsp. *eremophila*		+
Indigofera monophylla		+
Nellica maderaspatensis		+
Paraneurachne muelleri		+
Polycarpaea corymbosa var. *corymbosa*		+
Rhynchosia australis		+
Senna glutinosa subsp. *glutinosa*		+
Solanum diversiflorum		+
Swainsona decurrens		+
Tephrosia rosea var. *clementii*		+
Trichodesma zeylanicum var. *zeylanicum*		+
Triodia brizoides		+

Site AP06

Date	28/05/2024
Botanist	Megan Gray, Sarah Beckwith, Aishwarya Gujarathi
Quadrat Size	50 x 50 m
NW Corner Coordinates	783658.19 mE 7637721.27 mN
Vegetation Unit	**ChTl** - *Corymbia hamersleyana* Low Isolated Trees over Mixed *Acacia* spp. Tall Sparse Shrubland over *Triodia longiceps* and *Triodia wiseana* Low Open Hummock Grassland.
Slope	Gentle
Landform	Plain
Soil Colour	Orange
Soil Type	Clayey sand
Litter	0.1%
Bare Ground	55%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Nil



Species	Height (m)	% Cover
Corymbia hamersleyana	7	2.5
Acacia victoriae subsp. *victoriae*	4	1
Acacia acradenia	4	6
Triodia wiseana	0.7	5
Triodia brizoides	0.5	25
Arivela viscosa		+
Boerhavia gardneri		+
Crotalaria medicaginea var. *neglecta*		+
Eriachne pulchella subsp. *pulchella*		+
Euploca cunninghamii		+
Euploca heterantha		+
Goodenia muelleriana		+
Hakea lorea subsp. *lorea*		+
Ptilotus auriculifolius		+
Senna artemisioides subsp. *oligophylla*		+
Senna glutinosa subsp. *glutinosa*		+
Senna symonii		+
Tribulus hirsutus		+

Site AP07

Date	28/05/2024
Botanist	Megan Gray, Sarah Beckwith, Aishwarya Gujarathi
Quadrat Size	50 x 50 m
NW Corner Coordinates	780849.35 mE 7641002.76 mN
Vegetation Unit	**EcMa** - *Eucalyptus camaldulensis subsp. refulgens* and *Melaleuca argentea* Open Mid Woodland over *Acacia sericophylla*, *Acacia trachycarpa*, *Melaleuca glomerata* and *Melaleuca linophylla* Tall Sparse Shrubland over **Cenchrus setiger* and *Triodia longiceps* Sparse Mid Tussock Grassland.
Slope	Gentle
Landform	Major Drainage
Soil Colour	Cream/Orange
Soil Type	Sandy clay
Litter	5%
Bare Ground	50%
Fire Age	>10 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Weeds, cattle grazing and scat.



Species	Height (m)	% Cover
Melaleuca argentea	12	32
Eucalyptus camaldulensis subsp. refulgens	10	1
Cyperus vaginatus	1	7
Acacia sericophylla		+
Afrohybanthus aurantiacus		+
Alternanthera nana		+
Alysicarpus muelleri		+
**Argemone ochroleuca* subsp. *ochroleuca*		+
Arivela viscosa		+
Atalaya hemiglauca		+
Basilicum polystachyon		+
Blumea tenella		+
**Calotropis procera*		+
**Cenchrus ciliaris*		+
**Cenchrus setiger*		+
**Cynodon dactylon*		+
Dolichocarpa crouchiana		+
**Echinochloa colona*		+
Eragrostis tenellula		+
Erythrina vespertilio		+
Euphorbia australis var. *subtomentosa*		+
Euphorbia coghlanii		+
Ipomoea muelleri		+
Marsilea hirsuta		+
Senna symonii		+
Sesbania cannabina		+
**Solanum nigrum*		+
Stemodia grossa		+
**Vachellia farnesiana* var. *farnesiana*		+
Melaleuca linophylla		Associated

Site BR01

Date	25/05/2024
Botanist	Taryn Brebner, Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	724967.31 mE 7651264.55 mN
Vegetation Unit	**AaGwTe** - *Acacia inaequilatera* Tall Isolated Shrubland over *Acacia acradenia* and *Grevillea wickhamii* Sparse Mid Shrubland over *Triodia epactia* Open Mid Hummock Grassland.
Slope	Gentle
Landform	Plain
Soil Colour	Red
Soil Type	Rocky sand
Litter	0.1%
Bare Ground	0.2%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	None (10%)



Species	Height (m)	% Cover
Acacia orthocarpa	2	45
Triodia epactia	0.4	80
Acacia inaequilatera		+
Acacia sp. 9		+
Acacia tumida var. *pilbarensis*		+
Arivela viscosa		+
Bonamia erecta		+
Bulbostylis barbata		+
Corymbia hamersleyana		+
Euphorbia coghlanii		+
Hibiscus sturtii var. *campylochlamys*		+
Indigofera monophylla		+
Notoleptopus decaisnei		+
Polymeria ambigua		+
Polymeria mollis		+
Senna notabilis		+
Solanum diversiflorum		+
Tephrosia rosea var. *clementii*		+

Site EP01

Date	25/05/2024
Botanist	Megan Gray, Sarah Beckwith, Aishwarya Gujarathi
Quadrat Size	50 x 50 m
NW Corner Coordinates	716753.31 mE 7649474.04 mN
Vegetation Unit	**EvMlTe** - *Eucalyptus victrix* Mid Woodland over *Melaleuca linophylla, Melaleuca glomerata* and *Acacia* spp. Tall Open Shrubland over *Triodia epactia, Triodia longiceps* and **Cenchrus ciliaris* Open Mid Hummock Grassland.
Slope	Gentle
Landform	High Minor Drainage
Soil Colour	Brown orange
Soil Type	Claley loam skeletal
Litter	6%
Bare Ground	60%
Fire Age	>10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	None



Species	Height (m)	% Cover
Eucalyptus victrix	11	4
Melaleuca linophylla	2.2	5
Melaleuca glomerata	2	6
Eriachne tenuiculmis	0.6	3
Triodia epactia	0.3	9
Eriachne mucronata	0.2	3
Acacia acradenia		+
Acacia ancistrocarpa		+
Acacia bivenosa		+
Acacia orthocarpa		+
Acacia ptychophylla		+
Acacia pyrifolia		+
Acacia tumida var. *pilbarensis*		+
Arivela viscosa		+
Atalaya hemiglauca		+
Cassytha sp. 3		+
Chrysopogon fallax		+
Corchorus incanus subsp. *incanus*		+
Cucumis variabilis		+
Cymbopogon ambiguus		+
Cyperus vaginatus		+
Dampiera candicans		+
Euphorbia coghlanii		+
Goodenia stobbsiana		+
Gossypium australe		+
Gossypium robinsonii		+
Grevillea wickhamii subsp. *hispidula*		+
Indigofera monophylla		+
Polymeria ambigua		+
Ptilotus auriculifolius		+
Senna artemisioides subsp. *oligophylla*		+
Senna notabilis		+
Senna symonii		+
**Setaria verticillata*		+
Terminalia circumalata		+
Themeda triandra		+
Trachymene oleracea subsp. *oleracea*		+
Triumfetta chaetocarpa		+

Site EP02

Date	25/05/2024
Botanist	Taryn Brebner, Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	719993.81 mE 7651698.35 mN
Vegetation Unit	**AmTe** - Acacia maitlandii and Acacia adsurgens Tall Sparse Shrubland over Triodia epactia and wiseana Mid Open Hummock Grassland.
Slope	Gentle
Landform	Plain
Soil Colour	Orange
Soil Type	Skeletal sand
Litter	0.1%
Bare Ground	90%
Fire Age	3-5 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Cattle tracks and scat



Species	Height (m)	% Cover
Acacia adsurgens	3.5	8
Triodia epactia	0.4	20
Trigastrotheca molluginea	0.12	1.5
Bonamia linearis		+
Bonamia pannosa		+
Corchorus incanus subsp. *incanus*		+
Euphorbia australis var. *subtomentosa*		+
Euploca tenuifolia		+
Goodenia muelleriana		+
Grevillea wickhamii		+
Indigofera monophylla		+
Petalostylis labicheoides		+
Pluchea tetranthera		+
Poaceae sp. 3		+
Polycarpaea holtzei		+
Polymeria ambigua		+
Senna notabilis		+
Sida sp. Pilbara (A.A. Mitchell PRP 1543)		+
Tribulus hirsutus		+

Site EP03

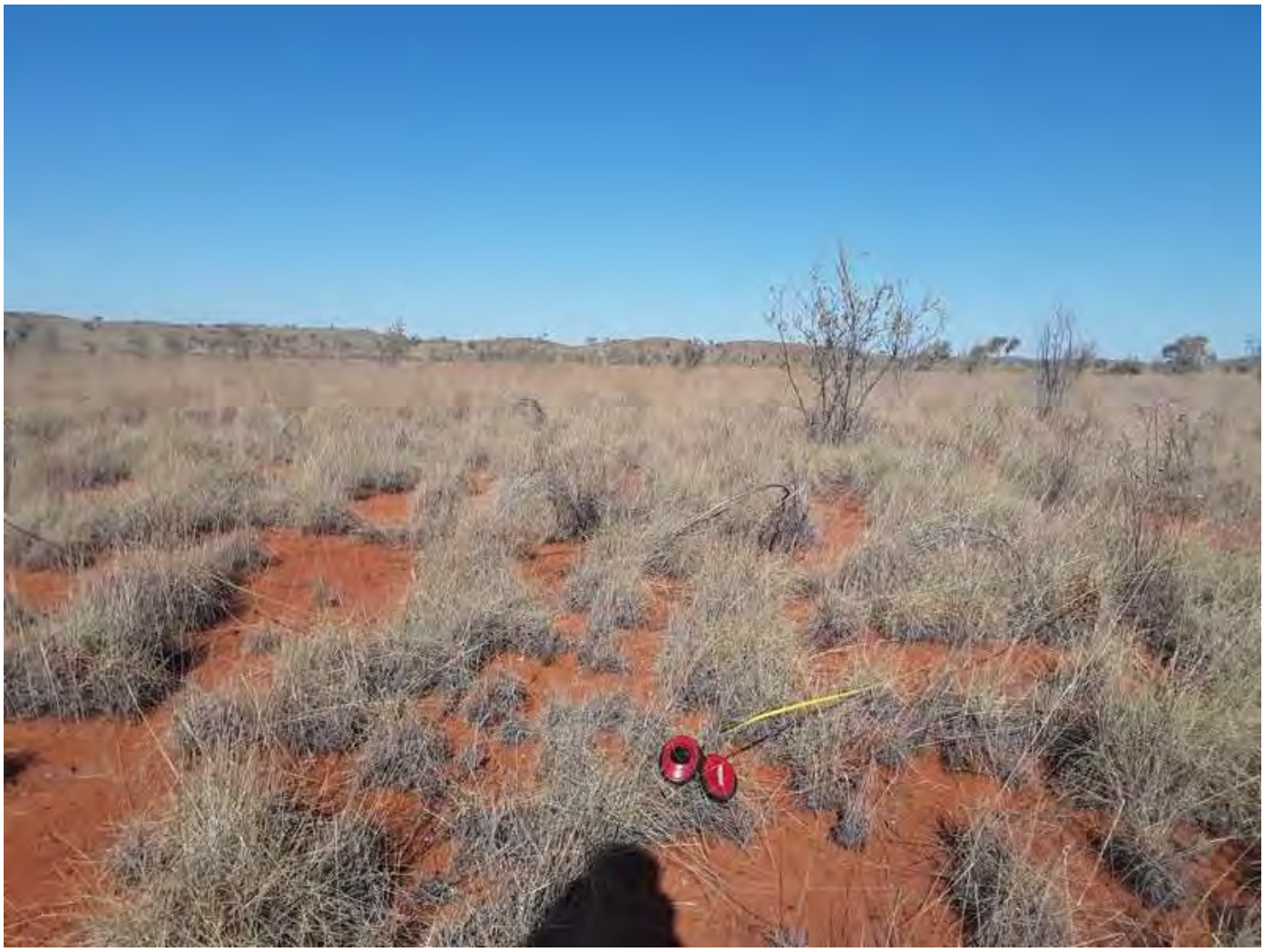
Date	25/05/2024
Botanist	Megan Gray, Sarah Beckwith, Aishwarya Gujarathi
Quadrat Size	50 x 50 m
NW Corner Coordinates	720004.32 mE 7650300.05 mN
Vegetation Unit	**AaGwTe** - *Acacia inaequilatera* Tall Isolated Shrubland over *Acacia acradenia* and *Grevillea wickhamii* Sparse Mid Shrubland over *Triodia epactia* Open Mid Hummock Grassland.
Slope	Gentle
Landform	Granite Outcrop
Soil Colour	Orange grey
Soil Type	Sandy loamy clay
Litter	2%
Bare Ground	80%
Fire Age	3-5 Years
Vegetation Condition	Excellent
Disturbances/Impacts	None



Species	Height (m)	% Cover
Acacia sp. 5	7	3
Grevillea wickhamii	2	1
Tephrosia sp. B Kimberley Flora (C.A. Gardner 7300)	1.2	0.8
Triodia epactia	0.7	15
Acacia acradenia		+
Acacia maitlandii		+
Acacia tumida var. *pilbarensis*		+
Arivela viscosa		+
Bulbostylis barbata		+
Corchorus sp. 2		+
Eriachne mucronata		+
Eriachne pulchella subsp. *Pulchella*		+
Fimbristylis dichotoma		+
Goodenia stobbsiana		+
Grevillea wickhamii		+
Indigofera monophylla		+
Isotropis atropurpurea		+
Polycarpaea holtzei		+
Solanum ? centrale		+
Tephrosia sp. Bungaroo Creek (M.E. Trudgen 11601)		+
Trachymene oleracea subsp. *oleracea*		+
Trigastrotheca molluginea		+
Tripogonella loliiformis		+

Site EP04

Date	25/05/2024
Botanist	Taryn Brebner, Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	723023.06 mE 7651310.27 mN
Vegetation Unit	**AaGwTe** - *Acacia inaequilatera* Tall Isolated Shrubland over *Acacia acradenia* and *Grevillea wickhamii* Sparse Mid Shrubland over *Triodia epactia* Open Mid Hummock Grassland.
Slope	Flat
Landform	Plain
Soil Colour	Orange
Soil Type	Sandy loam
Litter	0.1%
Bare Ground	1%
Fire Age	>10 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Cattle



Species	Height (m)	% Cover
Grevillea wickhamii	2.5	1
Acacia acradenia	1.2	0.5
Triodia lanigera	0.4	80
Bonamia erecta		+
Cyperus hesperius		+
Heliotropium sp. 2		+
Polycarpaea longiflora		+
Ptilotus astrolasius		+
Triodia epactia		+

Site EP05

Date	25/05/2024
Botanist	Megan Gray, Sarah Beckwith, Aishwarya Gujarathi
Quadrat Size	50 x 50 m
NW Corner Coordinates	723805.11 mE 7649192.74 mN
Vegetation Unit	**AaGwTe** - *Acacia inaequilatera* Tall Isolated Shrubland over *Acacia acradenia* and *Grevillea wickhamii* Sparse Mid Shrubland over *Triodia epactia* Open Mid Hummock Grassland.
Slope	Gentle
Landform	U Dulating Plain
Soil Colour	Orange
Soil Type	Sandy clayey loam
Litter	1%
Bare Ground	40%
Fire Age	3-5 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Cattle scat, tracks, no access to outcrops being a heritage area



Species	Height (m)	% Cover
Grevillea wickhamii subsp. *hispidula*	2.5	2
Triodia epactia	0.4	60
Acacia acradenia		+
Acacia bivenosa		+
Acacia orthocarpa		+
Acacia tumida var. *pilbarensis*		+
Bonamia erecta		+
Bulbostylis barbata		+
Corchorus incanus subsp. *incanus*		+
Eriachne pulchella subsp. *Pulchella*		+
Indigofera monophylla		+
Pluchea ferdinandi-muelleri		+
Tephrosia sp. Bungaroo Creek (M.E. Trudgen 11601)		+

Site EP10

Date	26/05/2024
Botanist	Taryn Brebner, Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	768333.48 mE 7643632.59 mN
Vegetation Unit	**AtTe** - *Acacia trachycarpa* and *Acacia ampliceps* Tall Open Shrubland over *Triodia epactia, Triodia longiceps* and **Cenchrus ciliaris* Tall Open Hummock Grassland.
Slope	Gentle
Landform	Plain
Soil Colour	Dark brown clayey loam
Soil Type	Clay loam
Litter	0.5%
Bare Ground	35%
Fire Age	5-10 Years
Vegetation Condition	Degraded-Good
Disturbances/Impacts	Cattle



Species	Height (m)	% Cover
Acacia trachycarpa	5.5	4
Acacia pyrifolia var. *pyrifolia*	2.5	5
Triodia longiceps	0.7	2
**Cenchrus ciliaris*	0.4	85
Acacia eriopoda		+
Atalaya hemiglauca		+
Boerhavia gardneri		+
Corchorus incanus subsp. *incanus*		+
Dichrostachys spicata		+
Eucalyptus camaldulensis subsp. refulgens		+
Gossypium australe		+
Grevillea pyramidalis subsp. *leucadendron*		+

Site EP11

Date	26/05/2024
Botanist	Megan Gray, Sarah Beckwith, Aishwarya Gujarathi
Quadrat Size	50 x 50 m
NW Corner Coordinates	768640.51 mE 7644856.98 mN
Vegetation Unit	**AiAaTw** - *Acacia inaequilatera* and *Acacia acradenia* Tall Isolated Shrubland over *Triodia longiceps* and *Triodia wiseana* Low Hummock Grassland.
Slope	Flat
Landform	Plain
Soil Colour	Orange brown
Soil Type	Clay loam
Litter	0.5%
Bare Ground	70%
Fire Age	3-5 Years
Vegetation Condition	Very Good-Excellent
Disturbances/Impacts	Cattle



Species	Height (m)	% Cover
Acacia inaequilatera	2.2	0.5
Triodia longiceps	0.3	12
Alysicarpus muelleri		+
Aristida holathera var. *holathera*		+
Arivela viscosa		+
Austrobryonia pilbarensis		+
Boerhavia gardneri		+
**Calotropis procera*		+
**Cenchrus ciliaris*		+
Corchorus incanus subsp. *incanus*		+
Corchorus tridens		+
Cullen pogonocarpum		+
Cynodon convergens		+
Dolichocarpa crouchiana		+
Dysphania kalpari		+
Eriachne pulchella subsp. *pulchella*		+
Euphorbia australis var. *subtomentosa*		+
Euphorbia coghlanii		+
Euploca conocarpa		+
Euploca cunninghamii		+
Fimbristylis dichotoma		+
Goodenia microptera		+
Goodenia muelleriana		+
Indigofera rugosa		+
Panicum australiense var. *australiense*		+
Polycarpaea holtzei		+
Polygala glaucifolia		+
Polymeria ambigua		+
Portulaca oleracea		+
Ptilotus fusiformis		+
Ptilotus gomphrenoides		+
Rhynchosia australis		+
Senna glutinosa subsp. *glutinosa*		+
Senna notabilis		+
Sida macropoda		+
Sida sp. Pilbara (A.A. Mitchell PRP 1543)		+
Solanum horridum		+
Sporobolus australasicus		+
Streptoglossa ? bubakii		+
Synaptantha tillaeacea var. *tillaeacea*		+
Tribulus hirsutus		+
Tribulus occidentalis		+
Triodia longiceps		+
Triumfetta clementii		+

Site EP12

Date	26/05/2024
Botanist	Taryn Brebner, Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	769282.89 mE 7646058.9 mN
Vegetation Unit	**AiAaTw** - *Acacia inaequilatera* and *Acacia acradenia* Tall Isolated Shrubland over *Triodia longiceps* and *Triodia wiseana* Low Hummock Grassland.
Slope	Flat
Landform	Plain
Soil Colour	Light brown
Soil Type	Clay loam
Litter	0.5%
Bare Ground	0.2%
Fire Age	>10 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Cattle (10% rock large pepples)



Species	Height (m)	% Cover
Eriachne flaccida	0.5	1
Triodia longiceps	0.4	85
Acacia ? bivenosa		+
Acacia inaequilatera		+
Acacia victoriae subsp. *victoriae*		+
Arivela viscosa		+
Bulbostylis barbata		+
**Cenchrus ciliaris*		+
Corchorus incanus subsp. *incanus*		+
Corchorus trilocularis		+
Dichanthium sericeum subsp. *humilius*		+
Dolichocarpa crouchiana		+
Eriachne flaccida		+
Eriachne pulchella subsp. *Pulchella*		+
Gossypium australe		+
Indigofera trita subsp. *trita*		+
Ipomoea coptica		+
Nellica maderaspatensis		+
Notoleptopus decaisnei		+
Polygala glaucifolia		+
Rhynchosia minima		+
Senna artemisioides subsp. *oligophylla*		+
Sida fibulifera		+
Sporobolus australasicus		+
Streptoglossa ? bubakii		+

Site EP13

Date	26/05/2024
Botanist	Megan Gray, Sarah Beckwith, Aishwarya Gujarathi
Quadrat Size	50 x 50 m
NW Corner Coordinates	769546.12 mE 7644165.94 mN
Vegetation Unit	**AmTe** - Acacia maitlandii and Acacia adsurgens Tall Sparse Shrubland over Triodia epactia and wiseana Mid Open Hummock Grassland.
Slope	Flat
Landform	High Plain
Soil Colour	Grey orange
Soil Type	Clay sand
Litter	1%
Bare Ground	55%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	None



Species	Height (m)	% Cover
Acacia adsurgens	1.5	1
Triodia longiceps	1	25
Triodia epactia	0.8	25
Acacia adsurgens		+
Afrohybanthus aurantiacus		+
Arivela viscosa		+
Bulbostylis barbata		+
Byblis pilbarana		+
Calandrinia ? pumila		+
Corchorus laniflorus		+
Eragrostis cumingii		+
Eragrostis dielsii		+
Eriachne aristidea		+
Eriachne pulchella subsp. *pulchella*		+
Euphorbia tannensis subsp. *eremophila*		+
Euploca cunninghamii		+
Evolvulus alsinoides var. *villosicalyx*		+
Fimbristylis dichotoma		+
Gomphrena leptoclada subsp. *leptoclada*		+
Gonocarpus ephemerus		+
Goodenia microptera		+
Haloragis gossei ?var. *gossei*		+
Heliotropium crispatum		+
Indigofera monophylla		+
Panicum australiense var. *australiense*		+
Paspalidium rarum		+
Pluchea dentex		+
Portulaca oleracea		+
Ptilotus auriculifolius		+
Ptilotus fusiformis		+
Schizachyrium fragile		+
Sporobolus australasicus		+
Stackhousia intermedia		+
Stylidium desertorum		+
Tephrosia rosea var. *clementii*		+
Trachymene oleracea subsp. *oleracea*		+
Trigastrotheca molluginea		+
Tripogonella loliiformis		+
Triumfetta chaetocarpa		+
Acacia bivenosa		ASSOSS
Acacia maitlandii		ASSOSS
Acacia stellaticeps		ASSOSS

Site EP14

Date	26/05/2024
Botanist	Taryn Brebner, Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	768598.15 mE 7641752.84 mN
Vegetation Unit	**AiSgTb** - *Acacia inaequilatera* Tall Isolated Shrubland over *Ptilotus auriculifolius* Low Sparse shrubland over *Triodia brizoides*, *Triodia epactia*, and *Triodia wiseana* Mid Hummock Grassland.
Slope	Moderate
Landform	Midslope
Soil Colour	Brown
Soil Type	Rocky clay
Litter	0.1%
Bare Ground	0.1%
Fire Age	>10 Years
Vegetation Condition	Very Good-Excellent
Disturbances/Impacts	Surface rock 3%



Species	Height (m)	% Cover
Acacia inaequilatera	2	0.5
Triodia ? brizoides	0.3	25
Triodia brizoides	0.3	25
Acacia sp. 6		+
Arivela viscosa		+
Bonamia pilbarensis		+
Bulbostylis barbata		+
Corchorus incanus subsp. *incanus*		+
Corymbia hamersleyana		+
Crotalaria medicaginea var. *neglecta*		+
Dolichocarpa crouchiana		+
Eriachne pulchella subsp. *pulchella*		+
Euphorbia ? tannensis subsp. *eremophila*		+
Euploca cunninghamii		+
Gomphrena cunninghamii		+
Heliotropium crispatum		+
Indigastrum parviflorum		+
Indigofera linifolia		+
Indigofera monophylla		+
Polycarpaea holtzei		+
Polycarpaea longiflora		+
Ptilotus auriculifolius		+
Ptilotus calostachyus		+
Ptilotus fusiformis		+
Tribulus hirsutus		+
Trichodesma zeylanicum		+

Site EP15

Date	26/05/2024
Botanist	Megan Gray, Sarah Beckwith, Aishwarya Gujarathi
Quadrat Size	50 x 50 m
NW Corner Coordinates	771262.82 mE 7642827.51 mN
Vegetation Unit	**AtTe** - *Acacia trachycarpa* and *Acacia ampliceps* Tall Open Shrubland over *Triodia epactia, Triodia longiceps* and **Cenchrus ciliaris* Tall Open Hummock Grassland.
Slope	Gentle
Landform	River
Soil Colour	Grey red
Soil Type	Sand
Litter	8%
Bare Ground	55%
Fire Age	>10 Years
Vegetation Condition	Good
Disturbances/Impacts	Weeds and cattle



Species	Height (m)	% Cover
Acacia trachycarpa	6	2
Melaleuca glomerata	6	10
**Cenchrus ciliaris*	1.3	20
Eriachne benthamii	0.7	10
Cyperus vaginatus	0.6	4
Acacia eriopoda		+
Acacia maitlandii		+
Acacia trachycarpa		+
Afrohybanthus aurantiacus		+
Ammannia baccifera		+
Arivela viscosa		+
Boerhavia gardneri		+
Bonamia pannosa		+
Calandrinia ? pumila		+
Calandrinia tepperiana		+
Chloris pumilio		+
Chrysopogon fallax		+
Corchorus tridens		+
Crotalaria medicaginea var. *neglecta*		+
Crotalaria novae-hollandiae subsp. *novae-hollandiae*		+
Cullen ? pustulatum		+
Cullen sp. 2		+
Cyperus difformis		+
Cyperus squarrosus		+
Dactyloctenium radulans		+
Dysphania kalpari		+
Eragrostis crateriformis (P3)		+
Eragrostis cumingii		+
Eriachne benthamii		+
Eriachne tenuiculmis		+
Euphorbia coghlanii		+
Fuirena ciliaris		+
Haloragis gossei var. *gossei*		+
Heliotropium crispatum		+
Indigofera colutea		+
Indigofera linifolia		+
Ipomoea coptica		+
Ipomoea polymorpha		+
Marsilea hirsuta		+
Notoleptopus decaisnei		+
Ptilotus auriculifolius		+
Sesbania cannabina		+
Stemodia grossa		+
Swainsona ? formosa		+
Tribulus hirsutus		+
Triodia longiceps		+
**Vachellia farnesiana* var. *farnesiana*		+

Site EP16

Date	26/05/2024
Botanist	Taryn Brebner, Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	771142.45 mE 7645419.92 mN
Vegetation Unit	**AmTe** - *Acacia maitlandii* and *Acacia adsurgens* Tall Sparse Shrubland over *Triodia epactia* and *Triodia wiseana* Mid Open Hummock Grassland.
Slope	Gentle
Landform	Plain
Soil Colour	Light brown
Soil Type	Sand
Litter	0.5%
Bare Ground	25%
Fire Age	>10 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Cattle surface rock (1%)



Species	Height (m)	% Cover
Acacia colei ?var. *colei*	5	0.5
Acacia maitlandii	3.5	0.5
Triodia epactia	0.3	35
Afrohybanthus aurantiacus		+
Arivela viscosa		+
Bulbostylis barbata		+
Corchorus incanus subsp. *incanus*		+
Corchorus laniflorus		+
Dampiera candicans		+
Dolichocarpa crouchiana		+
Eriachne pulchella subsp. *pulchella*		+
Euploca cunninghamii		+
Gomphrena leptoclada subsp. *leptoclada*		+
Grevillea wickhamii subsp. *aprica*		+
?*Hibiscus sturtii*		+
Ptilotus auriculifolius		+
Ptilotus fusiformis		+
Seringia nephrosperma		+
Synaptantha tillaeacea var. *tillaeacea*		+
Trachymene oleracea subsp. *oleracea*		+
Trigastrotheca molluginea		+

Site EP17

Date	26/05/2024
Botanist	Megan Gray, Sarah Beckwith, Aishwarya Gujarathi
Quadrat Size	50 x 50 m
NW Corner Coordinates	773415.45 mE 7644501.16 mN
Vegetation Unit	**AmTe** - *Acacia maitlandii* and *Acacia adsurgens* Tall Sparse Shrubland over *Triodia epactia* and *Triodia wiseana* Mid Open Hummock Grassland.
Slope	Flat
Landform	Plain
Soil Colour	Grey orange
Soil Type	Clay sand
Litter	2%
Bare Ground	60%
Fire Age	3-5 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Cattle scat



Species	Height (m)	% Cover
Acacia maitlandii	1	10
Acacia stellaticeps	0.6	2
Triodia epactia	0.6	28
Chrysopogon fallax	0.5	3
Acacia bivenosa		+
Acacia sp. 7		+
Afrohybanthus aurantiacus		+
Bulbostylis barbata		+
Corchorus incanus subsp. *incanus*		+
Eriachne pulchella subsp. *pulchella*		+
Fimbristylis dichotoma		+
Grevillea wickhamii subsp. *hispidula*		+
Pluchea tetranthera		+
Polycarpaea corymbosa var. *corymbosa*		+
Ptilotus auriculifolius		+

Site EP18r

Date	28/05/2024
Botanist	Taryn Brebner, Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	779538.14 mE 7644007.18 mN
Vegetation Unit	**ChTl** - *Corymbia hamersleyana* Low Isolated Trees over Mixed *Acacia* spp. Tall Sparse Shrubland over *Triodia longiceps* and *Triodia wiseana* Low Open Hummock Grassland.
Slope	Flat
Landform	Plain
Soil Colour	Dark brown
Soil Type	Loamy clay
Litter	1%
Bare Ground	3%
Fire Age	3-5 Years
Vegetation Condition	Degraded
Disturbances/Impacts	Cattle, weeds



Species	Height (m)	% Cover
Corymbia hamersleyana	8	8
Hakea lorea subsp. *lorea*	5	3
Dichrostachys spicata	3.5	1
Atalaya hemiglauca	2	0.5
**Cenchrus ciliaris*	0.15	50
Triodia longiceps		+

Site EP19

Date	26/05/2024
Botanist	Megan Gray, Sarah Beckwith, Aishwarya Gujarathi
Quadrat Size	50 x 50 m
NW Corner Coordinates	771521.93 mE 7641852.86 mN
Vegetation Unit	**AmTe** - *Acacia maitlandii* and *Acacia adsurgens* Tall Sparse Shrubland over *Triodia epactia* and *Triodia wiseana* Mid Open Hummock Grassland.
Slope	Gentle
Landform	Undulating Stony Rise
Soil Colour	Grey orange
Soil Type	Clay sand
Litter	1%
Bare Ground	70%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Cattle scat



Species	Height (m)	% Cover
Acacia adsurgens	4	0.2
Grevillea wickhamii subsp. *hispidula*	2.4	0.5
Acacia retivenea subsp. *clandestina*	2.2	0.2
Triodia wiseana	1	8
Acacia maitlandii		+
Acacia sp. 7		+
Afrohybanthus aurantiacus		+
Aristida holathera var. *holathera*		+
Arivela viscosa		+
Bonamia pannosa		+
Bulbostylis barbata		+
Corchorus laniflorus		+
Dampiera candicans		+
Dolichocarpa crouchiana		+
Eriachne pulchella subsp. *Pulchella*		+
Euploca cunninghamii		+
Gomphrena cunninghamii		+
Gomphrena leptoclada subsp. *leptoclada*		+
Goodenia microptera		+
Haloragis gossei var. *gossei*		+
Indigofera monophylla		+
Operculina aequisepala		+
Panicum australiense var. *australiense*		+
Ptilotus fusiformis		+
Synaptantha tillaeacea var. *tillaeacea*		+
Tephrosia virens		+
Trachymene oleracea subsp. *oleracea*		+
Trigastrotheca molluginea		+
Triumfetta chaetocarpa		+

Site EP20

Date	24/05/2024
Botanist	Taryn Brebner, Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	774782.01 mE 7642241.27 mN
Vegetation Unit	**Tw2** - *Triodia wiseana* and *Triodia epactia* Mid Hummock Grassland.
Slope	Moderate
Landform	Hillside/Slope
Soil Colour	Red
Soil Type	Clay loam
Litter	0.5%
Bare Ground	1%
Fire Age	>10 Years
Vegetation Condition	Very Good-Excellent
Disturbances/Impacts	Weeds, rock cover 50%



Species	Height (m)	% Cover
Arivela viscosa	0.6	1
Triodia epactia	0.4	15
Stemodia grossa	0.2	0.5
Afrohybanthus aurantiacus		+
Ammannia multiflora		+
Boerhavia gardneri		+
Calandrinia tepperiana		+
Corchorus incanus subsp. *incanus*		+
Crotalaria medicaginea var. *neglecta*		+
Cyperus difformis		+
Cyperus vaginatus		+
Diplachne fusca subsp. *fusca*		+
Dysphania kalpari		+
Eragrostis tenellula		+
Eriachne pulchella subsp. *pulchella*		+
Euphorbia careyi		+
Euphorbia ? tannensis subsp. *eremophila*		+
Fimbristylis elegans		+
Gomphrena cunninghamii		+
Heliotropium crispatum		+
Indigofera colutea		+
Indigofera monophylla		+
Ipomoea muelleri		+
Ludwigia perennis		+
Operculina aequisepala		+
Pentalepis trichodesmoides subsp. *trichodesmoides*		+
**Physalis angulata*		+
Polycarpaea holtzei		+
Polycarpaea longiflora		+
Rhynchosia sp. 6		+
Senna glutinosa subsp. *glutinosa*		+
Sesbania cannabina		+
Solanum diversiflorum		+
Stemodia grossa		+
Triumfetta appendiculata		+

Site EP21

Date	24/05/2024
Botanist	Megan Gray, Sarah Beckwith, Aishwarya Gujarathi
Quadrat Size	50 x 50 m
NW Corner Coordinates	775991.81 mE 7640679.46 mN
Vegetation Unit	**ChTl** - *Corymbia hamersleyana* Low Isolated Trees over Mixed *Acacia* spp. Tall Sparse Shrubland over *Triodia longiceps* and *Triodia wiseana* Low Open Hummock Grassland.
Slope	Gentle
Landform	Flood Plain
Soil Colour	Warm brown
Soil Type	Clay sand
Litter	2.5%
Bare Ground	50%
Fire Age	5-10 Years
Vegetation Condition	Degraded-Good
Disturbances/Impacts	Cattle and weeds



Species	Height (m)	% Cover
Corymbia hamersleyana	6.5	2
Atalaya hemiglauca	6	1
Hakea lorea subsp. *lorea*	6	4
Acacia trachycarpa	2	2
Acacia bivenosa	1.7	1
**Vachellia farnesiana* var. *farnesiana*	1.7	2
**Cenchrus ciliaris*	0.6	15
Triodia longiceps	0.6	15
Triodia wiseana	0.4	5
Acacia colei ?var. *colei*		+
Arivela viscosa		+
Boerhavia gardneri		+
Bulbostylis barbata		+
Cassytha sp. 3		+
**Cenchrus ciliaris*		+
Chrysopogon fallax		+
Corchorus incanus subsp. *incanus*		+
Crotalaria medicaginea var. *neglecta*		+
Eragrostis eriopoda		+
Eriachne pulchella subsp. *pulchella*		+
Euphorbia australis var. *subtomentosa*		+
Gossypium australe		+
Polycarpaea corymbosa var. *corymbosa*		+
Trigastrotheca molluginea		+

Site EP22

Date	27/05/2024
Botanist	Taryn Brebner, Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	776206.93 mE 7640023.94 mN
Vegetation Unit	**ChTl** - *Corymbia hamersleyana* Low Isolated Trees over Mixed *Acacia* spp. Tall Sparse Shrubland over *Triodia longiceps* and *Triodia wiseana* Low Open Hummock Grassland.
Slope	Gentle
Landform	Plain
Soil Colour	Light brown
Soil Type	Loamy clay
Litter	0.1%
Bare Ground	0.5%
Fire Age	3-5 Years
Vegetation Condition	Good-Very Good
Disturbances/Impacts	Recent burns, cattle



Species	Height (m)	% Cover
Corymbia hamersleyana	6	0.5
Triodia wiseana	0.15	45
Acacia colei ?var. *colei*		+
Acacia inaequilatera		+
Acacia ptychophylla		+
Arivela viscosa		+
Atalaya hemiglauca		+
Bonamia pilbarensis		+
Corchorus incanus subsp. *incanus*		+
Eriachne pulchella subsp. *pulchella*		+
Euphorbia coghlanii		+
Euploca cunninghamii		+
Fimbristylis simulans		+
Goodenia stobbsiana		+
Indigofera monophylla		+
Paraneurachne muelleri		+
Polymeria ambigua		+
Ptilotus auriculifolius		+
Ptilotus calostachyus		+
Senna symonii		+
Solanum diversiflorum		+
Solanum phlomoides		+
Tephrosia virens		+
Tribulus hirsutus		+
Trigastrotheca molluginea		+

Site EP23

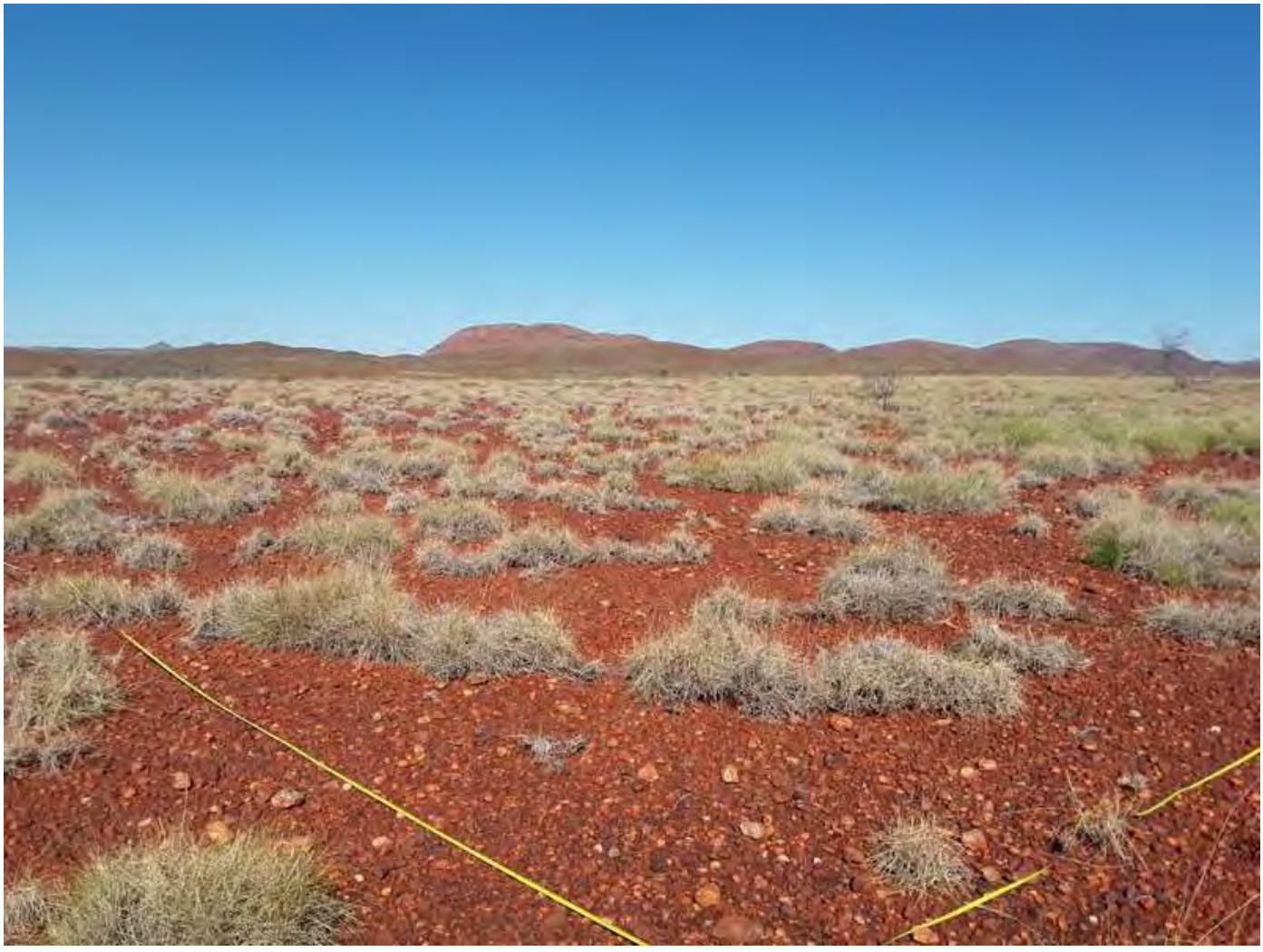
Date	27/05/2024
Botanist	Megan Gray, Sarah Beckwith, Aishwarya Gujarathi
Quadrat Size	50 x 50 m
NW Corner Coordinates	778310.75 mE 7640497.92 mN
Vegetation Unit	**EvMlTe** - *Eucalyptus victrix* Mid Woodland over *Melaleuca linophylla, Melaleuca glomerata* and *Acacia* spp. Tall Open Shrubland over *Triodia epactia, Triodia longiceps* and **Cenchrus ciliaris* Open Mid Hummock Grassland.
Slope	Gentle
Landform	Drainage
Soil Colour	Red/orange
Soil Type	Sandy loam
Litter	2%
Bare Ground	60%
Fire Age	>10 Years
Vegetation Condition	Good-Very Good
Disturbances/Impacts	Weeds and cattle grazing



Species	Height (m)	% Cover
Eucalyptus victrix	12	2.5
Acacia colei ?var. *colei*	1.5	30
Triodia longiceps	0.3	5
Cymbopogon ambiguus	0.3	20
**Cenchrus ciliaris*	0.2	10
Abutilon sp. Dioicum (A.A. Mitchell PRP 1618)		+
Acacia ancistrocarpa		+
Acacia pyrifolia		+
Afrohybanthus aurantiacus		+
Alternanthera nana		+
Arivela viscosa		+
Atalaya hemiglauca		+
Boerhavia gardneri		+
**Cenchrus setiger*		+
Chrysopogon fallax		+
Corchorus incanus subsp. *incanus*		+
Corymbia flavescens		+
Cullen lachnostachys		+
Cullen stipulaceum		+
Eragrostis cumingii		+
Eragrostis tenellula		+
Euphorbia careyi		+
Euphorbia coghlanii		+
Euploca cunninghamii		+
Evolvulus alsinoides var. *villosicalyx*		+
Gomphrena cunninghamii		+
Goodenia microptera		+
Goodenia muelleriana		+
Gossypium australe		+
Heliotropium crispatum		+
Indigofera monophylla		+
Ipomoea muelleri		+
Ipomoea muelleri		+
Paraneurachne muelleri		+
Perotis rara		+
Polycarpaea corymbosa var. *corymbosa*		+
Portulaca oleracea		+
Senna notabilis		+
Solanum diversiflorum		+
Sporobolus australasicus		+
Tephrosia rosea var. *clementii*		+
Trigastrotheca molluginea		+
Triumfetta maconochieana		+
**Vachellia farnesiana* var. *farnesiana*		+

Site EP24

Date	27/05/2024
Botanist	Taryn Brebner, Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	777564.98 mE 7639543.76 mN
Vegetation Unit	**AbAlTe** - *Acacia bivenosa* Isolated Mid Shrubs over *Acacia levata* and *Acacia colei* ?var *colei* Low Isolated Shrubs over *Triodia epactia* Low Hummock Grassland.
Slope	Gentle
Landform	Plain
Soil Colour	Light brown
Soil Type	Loamy clay
Litter	0.1%
Bare Ground	0.1%
Fire Age	>10 Years
Vegetation Condition	Very Good
Disturbances/Impacts	None



Species	Height (m)	% Cover
Acacia ? *bivenosa*	2	0.5
Triodia epactia	0.2	35
Acacia colei ?var. *colei*		+
Arivela viscosa		+
Eriachne pulchella subsp. *Pulchella*		+
Fimbristylis simulans		+
Ptilotus auriculifolius		+
Senna symonii		+
Tribulus hirsutus		+
Trichodesma zeylanicum		+

Site EP25

Date	27/05/2024
Botanist	Megan Gray, Sarah Beckwith, Aishwarya Gujarathi
Quadrat Size	50 x 50 m
NW Corner Coordinates	776371.83 mE 7638938.9 mN
Vegetation Unit	**AbAlTe** - *Acacia bivenosa* Isolated Mid Shrubs over *Acacia levata* and *Acacia colei* ?var *colei* Low Isolated Shrubs over *Triodia epactia* Low Hummock Grassland.
Slope	Gentle
Landform	Undulating 0Lain
Soil Colour	Brown
Soil Type	Loamy sand
Litter	0.5%
Bare Ground	85%
Fire Age	1-3 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Cattle and fire removing top layer



Species	Height (m)	% Cover
Acacia colei ?var. *colei*	1	0.1
Indigofera monophylla	0.2	4
Triodia epactia	0.1	5
Acacia bivenosa		+
Arivela viscosa		+
Bonamia erecta		+
Bonamia linearis		+
Bulbostylis barbata		+
Corchorus incanus subsp. *incanus*		+
Eragrostis eriopoda		+
Eriachne pulchella subsp. *Pulchella*		+
Euploca chrysocarpa		+
Goodenia microptera		+
Heliotropium crispatum		+
Paraneurachne muelleri		+
Pluchea tetranthera		+
Ptilotus astrolasius		+
Ptilotus calostachyus		+
Sida sp. Pilbara (A.A. Mitchell PRP 1543)		+
Solanum ? centrale		+
Solanum diversiflorum		+
Tribulus hirsutus		+
Tribulus platypterus		+
Trigastrotheca molluginea		+
Acacia colei ?var. *colei*		ASSOSS
Aristida holathera var. *holathera*		ASSOSS
Chrysopogon fallax		ASSOSS

Site EP26

Date	27/05/2024
Botanist	Taryn Brebner, Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	771999.65 mE 7638415.96 mN
Vegetation Unit	**EvMlTe** - *Eucalyptus victrix* Mid Woodland over *Melaleuca linophylla, Melaleuca glomerata* and *Acacia* spp. Tall Open Shrubland over *Triodia epactia, Triodia longiceps* and **Cenchrus ciliaris* Open Mid Hummock Grassland.
Slope	Gentle
Landform	Drainage
Soil Colour	Dark brown clayey loam
Soil Type	Rocky sandy loam
Litter	0.5%
Bare Ground	0.5%
Fire Age	>10 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Surface rock 1%



Species	Height (m)	% Cover
Acacia trachycarpa	2.5	1
Acacia pyrifolia var. *pyrifolia*	2	0.5
Triodia epactia	0.5	1
Eriachne tenuiculmis	0.4	35
Eriachne mucronata	0.25	5
Acacia sp. 8		+
Acacia trachycarpa x tumida var. *pilbarensis*		+
Afrohybanthus aurantiacus		+
Amaranthus undulatus		+
Arivela viscosa		+
Atalaya hemiglauca		+
Boerhavia gardneri		+
Cajanus pubescens		+
**Cenchrus ciliaris*		+
Corchorus incanus subsp. *incanus*		+
Cyperus vaginatus		+
Dampiera candicans		+
Dolichocarpa crouchiana		+
Euphorbia careyi		+
Euphorbia coghlanii		+
Gomphrena cunninghamii		+
Grevillea pyramidalis subsp. *leucadendron*		+
Heliotropium crispatum		+
Indigofera monophylla		+
Melaleuca glomerata		+
Polymeria mollis		+
Ptilotus auriculifolius		+
Rhynchosia sp. 6		+
Senna glutinosa subsp. *glutinosa*		+
Solanum diversiflorum		+
Stemodia grossa		+
Terminalia sp.		+
Trichodesma zeylanicum		+
Triodia wiseana		+
Triumfetta ? appendiculata		+
Triumfetta clementii		+

Site EP27

Date	26/05/2024
Botanist	Megan Gray, Sarah Beckwith, Aishwarya Gujarathi
Quadrat Size	50 x 50 m
NW Corner Coordinates	774319.34 mE 7638024.48 mN
Vegetation Unit	**AiSgTb** - *Acacia inaequilatera* Tall Isolated Shrubland over *Ptilotus auriculifolius* Low Sparse shrubland over *Triodia brizoides*, *Triodia epactia*, and *Triodia wiseana* Mid Hummock Grassland.
Slope	Moderate
Landform	Hill Crest
Soil Colour	Orange
Soil Type	Loamy clay skeletal
Litter	0.5%
Bare Ground	80%
Fire Age	3-5 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Nearby fire scar (3 years)



Species	Height (m)	% Cover
Acacia inaequilatera	4	1
Triodia brizoides	0.6	25
Triodia epactia	0.5	5
Acacia ptychophylla		+
Arivela viscosa		+
Boerhavia gardneri		+
Corchorus incanus subsp. *incanus*		+
Corymbia hamersleyana		+
Cucumis variabilis		+
Cymbopogon ambiguus		+
Dolichocarpa crouchiana		+
Enneapogon caerulescens		+
Eriachne pulchella subsp. *Pulchella*		+
Euphorbia tannensis subsp. *eremophila*		+
Gomphrena cunninghamii		+
Goodenia microptera		+
Goodenia muelleriana		+
Grevillea wickhamii subsp. *hispidula*		+
Heliotropium crispatum		+
Polygala glaucifolia		+
Ptilotus auriculifolius		+
Senna glutinosa subsp. *glutinosa*		+
Solanum horridum		+
Stemodia grossa		+
Tephrosia sp. Bungaroo Creek (M.E. Trudgen 11601)		+
Tribulus platypterus		+
Trichodesma zeylanicum		+
Triumfetta clementii		+

Site EP28

Date	27/05/2024
Botanist	Taryn Brebner, Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	775849.11 mE 7637170.71 mN
Vegetation Unit	**AiSgTb** - *Acacia inaequilatera* Tall Isolated Shrubland over *Ptilotus auriculifolius* Low Sparse shrubland over *Triodia brizoides*, *Triodia epactia*, and *Triodia wiseana* Mid Hummock Grassland.
Slope	Gentle
Landform	Midslope
Soil Colour	Light brown
Soil Type	Clay loam
Litter	0.1%
Bare Ground	0.1%
Fire Age	>10 Years
Vegetation Condition	Very Good-Excellent
Disturbances/Impacts	None



Species	Height (m)	% Cover
Triodia epactia	0.3	60
Triodia wiseana	0.25	2
Acacia inaequilatera		+
Acacia ptychophylla		+
Arivela viscosa		+
Bonamia pilbarensis		+
Corchorus incanus subsp. *incanus*		+
Eriachne pulchella subsp. *Pulchella*		+
Euphorbia tannensis subsp. *eremophila*		+
Euploca cunninghamii		+
Euploca skeleton		+
Gomphrena cunninghamii		+
Goodenia stobbsiana		+
Indigofera monophylla		+
Pentalepis trichodesmoides subsp. *trichodesmoides*		+
Polycarpaea longiflora		+
Ptilotus auriculifolius		+
Ptilotus calostachyus		+
Senna notabilis		+
Tephrosia sp. clay soils (S. van Leeuwen et al. PBS 0273)		+
Tribulus hirsutus		+
Trigastrotheca molluginea		+

Site EP29

Date	27/05/2024
Botanist	Megan Gray, Sarah Beckwith, Aishwarya Gujarathi
Quadrat Size	50 x 50 m
NW Corner Coordinates	777902.84 mE 7637009.07 mN
Vegetation Unit	**EvMlTe** - *Eucalyptus victrix* Mid Woodland over *Melaleuca linophylla, Melaleuca glomerata* and *Acacia* spp. Tall Open Shrubland over *Triodia epactia, Triodia longiceps* and **Cenchrus ciliaris* Open Mid Hummock Grassland.
Slope	Gentle
Landform	Major Drain
Soil Colour	Brown
Soil Type	Sand
Litter	0.5%
Bare Ground	95%
Fire Age	>10 Years
Vegetation Condition	Good
Disturbances/Impacts	Weeds and cattle



Species	Height (m)	% Cover
Eucalyptus victrix	10	6
Terminalia circumalata	9	4
**Cenchrus ciliaris*	0.4	0.8
Eriachne tenuiculmis	0.4	0.8
Triodia wiseana	0.2	1
Acacia pyrifolia		+
Acacia tumida var. *pilbarensis*		+
Afrohybanthus aurantiacus		+
Arivela viscosa		+
Atalaya hemiglauca		+
Boerhavia gardneri		+
Bulbostylis barbata		+
**Cenchrus ciliaris*		+
Corchorus incanus subsp. *incanus*		+
Corymbia hamersleyana		+
Cucumis variabilis		+
Dampiera candicans		+
Enneapogon lindleyanus		+
Euphorbia australis var. *subtomentosa*		+
Euphorbia coghlanii		+
Gomphrena cunninghamii		+
Grevillea wickhamii subsp. *hispidula*		+
Petalostylis labicheoides		+
Polycarpaea corymbosa var. *corymbosa*		+
Polymeria lanata		+
Rhynchosia minima		+
Solanum diversiflorum		+
Stemodia grossa		+
Synaptantha tillaeacea var. *tillaeacea*		+
Terminalia circumalata		+
Gossypium australe		ASSOSS
Tephrosia rosea var. *clementii*		ASSOSS

Site EP30

Date	27/05/2024
Botanist	Taryn Brebner, Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	772278.68 mE 7635875.02 mN
Vegetation Unit	**ElAtTe** - *Eucalyptus leucophloia* subsp. *leucophloia* Low Isolated Trees over *Acacia inaequilatera* and *Acacia tumida* var. *pilbarensis* Tall Sparse Shrubland over *Triodia epactia* and *Triodia brizoides* Mid Hummock Grassland.
Slope	Steep
Landform	Midslope
Soil Colour	Dark brown
Soil Type	Clay loam
Litter	0.1%
Bare Ground	0.1%
Fire Age	>10 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Surface rock 15%



Species	Height (m)	% Cover
Eucalyptus leucophloia subsp. *leucophloia*	5.5	1
Acacia inaequilatera	3	0.7
Triodia brizoides	0.25	35
Acacia colei ?var. *colei*		+
Amaranthus undulatus		+
Arivela viscosa		+
Bonamia pilbarensis		+
Corchorus incanus subsp. *incanus*		+
Cymbopogon ambiguus		+
Dampiera candicans		+
Dolichocarpa crouchiana		+
Eriachne mucronata		+
Gomphrena cunninghamii		+
Grevillea wickhamii		+
Indigofera deserticola		+
Ptilotus calostachyus		+
Ptilotus clementii		+
Ptilotus fusiformis		+
Senna glutinosa subsp. *glutinosa*		+
Sida sp. Articulation below (A.A. Mitchell PRP 1605)		+
Tephrosia virens		+
Trachymene oleracea subsp. *oleracea*		+
Tribulus platypterus		+
Trichodesma zeylanicum		+
Triodia ? epactia		+
Triumfetta maconochieana		+
Triumfetta ramosa		+

Site EP31

Date	27/05/2024
Botanist	Megan Gray, Sarah Beckwith, Aishwarya Gujarathi
Quadrat Size	50 x 50 m
NW Corner Coordinates	774308.59 mE 7636748.32 mN
Vegetation Unit	**EvMlTe** - *Eucalyptus victrix* Mid Woodland over *Melaleuca linophylla, Melaleuca glomerata* and *Acacia* spp. Tall Open Shrubland over *Triodia epactia, Triodia longiceps* and **Cenchrus ciliaris* Open Mid Hummock Grassland.
Slope	Gentle
Landform	Minor Drain
Soil Colour	Red brown
Soil Type	Sand
Litter	2%
Bare Ground	75%
Fire Age	3-5 Years
Vegetation Condition	Very Good-Excellent
Disturbances/Impacts	Fire regrowth



Species	Height (m)	% Cover
Eucalyptus victrix	11	15
Acacia tumida var. *pilbarensis*	2	1.5
Cajanus pubescens	1.2	2.5
Acacia pyrifolia	1.1	1
Chrysopogon fallax	1	5
Cymbopogon ambiguus	0.8	1
Eriachne tenuiculmis	0.4	2
Acacia pyrifolia		+
Acacia tumida var. *pilbarensis*		+
Afrohybanthus aurantiacus		+
Amaranthus undulatus		+
Arivela viscosa		+
Atalaya hemiglauca		+
Boerhavia gardneri		+
Cajanus pubescens		+
Cathetus virgatus		+
Cullen lachnostachys		+
Cullen stipulaceum		+
Cymbopogon ambiguus		+
Cyperus vaginatus		+
Eriachne sp. Dugald River (B.K. Simon+ 3007)		+
Eriachne tenuiculmis		+
Eucalyptus victrix		+
Euphorbia careyi		+
Euphorbia coghlanii		+
Euphorbia tannensis subsp. *eremophila*		+
Gossypium australe		+
Grevillea wickhamii subsp. *hispidula*		+
Heliotropium crispatum		+
Indigofera monophylla		+
Isotropis atropurpurea		+
Melaleuca linophylla		+
Ptilotus fusiformis		+
Rhynchosia minima		+
Senna glutinosa subsp. *glutinosa*		+
Senna notabilis		+
Sesbania cannabina		+
Sida rohlenae subsp. *rohlenae*		+
Solanum diversiflorum		+
Stemodia grossa		+
Tephrosia rosea var. *clementii*		+
Terminalia circumalata		+
Themeda triandra		+
Trichodesma zeylanicum var. *zeylanicum*		+
Triodia epactia		+

Site EP32

Date	27/05/2024
Botanist	Taryn Brebner, Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	776171.23 mE 7635485.97 mN
Vegetation Unit	**AiTe** - *Acacia inaequilatera* and *Grevillea wickhamii* subsp. *aprica* Tall Sparse Shrubland over *Triodia epactia* and *Triodia brizoides* Mid Hummock Grassland.
Slope	Steep
Landform	Midslope
Soil Colour	Light brown
Soil Type	Clay loam
Litter	0.5%
Bare Ground	0.1%
Fire Age	>10 Years
Vegetation Condition	Very Good
Disturbances/Impacts	None



Species	Height (m)	% Cover
Senna glutinosa subsp. *pruinosa*	1	0.5
Triodia epactia	0.3	5
Triodia brizoides	0.25	35
Eriachne pulchella subsp. *Pulchella*		+
Euploca skeleton		+
Hibiscus coatesii		+
Polygala sp.		+
Ptilotus calostachyus		+
Senna symonii		+
Solanum phlomoides		+
Tribulus platypterus		+

Site EP33

Date	27/05/2024
Botanist	Megan Gray, Sarah Beckwith, Aishwarya Gujarathi
Quadrat Size	50 x 50 m
NW Corner Coordinates	778323.6 mE 7635382.77 mN
Vegetation Unit	**AiTe** - *Acacia inaequilatera* and *Grevillea wickhamii* subsp. *aprica* Tall Sparse Shrubland over *Triodia epactia* and *Triodia brizoides* Mid Hummock Grassland.
Slope	Moderate
Landform	Hill Crest
Soil Colour	Orange
Soil Type	Clayey loam skeletal
Litter	0.1%
Bare Ground	90%
Fire Age	1-3 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Recent fire regrowth



Species	Height (m)	% Cover
Acacia inaequilatera	2.1	0.2
Grevillea wickhamii subsp. *hispidula*	2	2
Ptilotus calostachyus	0.9	1
Dampiera candicans	0.2	1.5
Triodia epactia	0.2	6
Acacia colei ?var. *colei*		+
Acacia orthocarpa		+
Corchorus ?*incanus* subsp. *incanus*		+
Cyperus hesperius		+
Dodonaea coriacea		+
Eriachne mucronata		+
Eriachne pulchella subsp. *Pulchella*		+
Eriachne sp. Dugald River (B.K. Simon+ 3007)		+
Euploca tanythrix		+
Solanum horridum		+
Solanum phlomoides		+
Tribulus hirsutus		+
Triodia epactia		+
Corchorus ?*incanus* subsp. *incanus*		ASSOSS
Triumfetta maconochieana		ASSOSS

Site EP34

Date	27/05/2024
Botanist	Megan Gray, Sarah Beckwith, Aishwarya Gujarathi
Quadrat Size	50 x 50 m
NW Corner Coordinates	780383.75 mE 7643434.7 mN
Vegetation Unit	**AiSgTb** - *Acacia inaequilatera* Tall Isolated Shrubland over *Ptilotus auriculifolius* Low Sparse shrubland over *Triodia brizoides*, *Triodia epactia*, and *Triodia wiseana* Mid Hummock Grassland.
Slope	Moderate
Landform	Hill Crest
Soil Colour	Red orange
Soil Type	Clayey loam skeletal
Litter	0.5%
Bare Ground	30%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	None



Species	Height (m)	% Cover
Acacia inaequilatera	2	4
Triodia brizoides	0.6	60
Triodia epactia	0.2	10
Acacia ancistrocarpa		+
Arivela viscosa		+
Boerhavia gardneri		+
Bonamia pilbarensis		+
Bulbostylis barbata		+
Corchorus ? incanus subsp. *incanus*		+
Crotalaria cunninghamii subsp. *sturtii*		+
Cucumis variabilis		+
Cymbopogon ambiguus		+
Dolichocarpa crouchiana		+
Eriachne pulchella subsp. *Pulchella*		+
Euphorbia tannensis subsp. *eremophila*		+
Gomphrena cunninghamii		+
Gossypium australe		+
Indigofera monophylla		+
Paspalidium clementii		+
Pentalepis trichodesmoides subsp. *trichodesmoides*		+
Ptilotus auriculifolius		+
Ptilotus fusiformis		+
Rhynchosia minima		+
Senna glutinosa subsp. *glutinosa*		+
Senna notabilis		+
Senna venusta		+
Solanum horridum		+
Swainsona decurrens		+
Tribulus platypterus		+
Trichodesma zeylanicum		+
Triodia brizoides		+
Triumfetta clementii		+
Amaranthus undulatus		ASSOSS
Corymbia hamersleyana		ASSOSS

Site EP35

Date	27/05/2024
Botanist	Megan Gray, Sarah Beckwith, Aishwarya Gujarathi
Quadrat Size	50 x 50 m
NW Corner Coordinates	782098.28 mE 7642241.49 mN
Vegetation Unit	**EcMa** - *Eucalyptus camaldulensis subsp. refulgens* and *Melaleuca argentea* Open Mid Woodland over *Acacia sericophylla*, *Acacia trachycarpa*, *Melaleuca glomerata* and *Melaleuca linophylla* Tall Sparse Shrubland over **Cenchrus setiger* and *Triodia longiceps* Sparse Mid Tussock Grassland.
Slope	Gentle
Landform	Major Drain
Soil Colour	Orange grey
Soil Type	Sand
Litter	2%
Bare Ground	80%
Fire Age	5-10 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Cattle and weeds, camp site near by



Species	Height (m)	% Cover
Eucalyptus camaldulensis subsp. refulgens	13	5
Melaleuca argentea	9	6
Melaleuca glomerata	4	8
Melaleuca linophylla	3	3
Triodia longiceps	1	4
Cyperus vaginatus	0.6	6
**Cenchrus ciliaris*	0.5	4
Acacia acradenia		+
Acacia trachycarpa		+
Arivela viscosa		+
Atalaya hemiglauca		+
Calandrinia tepperiana		+
**Calotropis procera*		+
Cassytha sp. *3*		+
Corchorus incanus subsp. *incanus*		+
**Cynodon dactylon*		+
Cyperus vaginatus		+
Euphorbia australis var. *subtomentosa*		+
Euphorbia careyi		+
Euphorbia coghlanii		+
Gymnanthera cunninghamii (P3)		+
Haloragis gossei var. *gossei*		+
Ipomoea muelleri		+
Nellica maderaspatensis		+
Pluchea tetranthera		+
Sesbania cannabina		+
Stemodia grossa		+
Stemodia kingii		+
Stemodia viscosa		+
Vigna lanceolata var. *lanceolata*		+

Site EP36

Date	28/05/2024
Botanist	Taryn Brebner, Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	784202.29 mE 7641462.31 mN
Vegetation Unit	**AaGwTe** - *Acacia inaequilatera* Tall Isolated Shrubland over *Acacia acradenia* and *Grevillea wickhamii* Sparse Mid Shrubland over *Triodia epactia* Open Mid Hummock Grassland.
Slope	Gentle
Landform	Plain
Soil Colour	Light brown
Soil Type	Loamy clay
Litter	0.1%
Bare Ground	0.1%
Fire Age	3-5 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Cattle



Species	Height (m)	% Cover
Triodia epactia	0.2	35
Acacia acradenia		+
Acacia inaequilatera		+
Bonamia pilbarensis		+
Eriachne mucronata		+
Indigofera monophylla		+
Ptilotus calostachyus		+
Senna glutinosa subsp. *glutinosa*		+
Senna glutinosa subsp. *pruinosa*		+
Senna symonii		+
Triumfetta clementii		+

Site EP37

Date	28/05/2024
Botanist	Megan Gray, Sarah Beckwith, Aishwarya Gujarathi
Quadrat Size	50 x 50 m
NW Corner Coordinates	784998.66 mE 7641213.47 mN
Vegetation Unit	**ElTlTb** - *Eucalyptus leucophloia* subsp. *leucophloia* and *Corymbia hamersleyana* Low Open Woodland over mixed *Acacia* spp. Sparse Mid Shrubland over *Triodia longiceps* and *Triodia brizoides* Open Mid Hummock Grassland.
Slope	Moderate
Landform	Hill Crest
Soil Colour	Dark browm
Soil Type	Clay loam
Litter	0.1%
Bare Ground	70%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	None



Species	Height (m)	% Cover
Eucalyptus leucophloia subsp. *leucophloia*	7	1
Acacia inaequilatera	2	0.5
Acacia maitlandii	1	5
Triodia brizoides	0.4	25
Acacia orthocarpa		+
Bonamia erecta		+
Bulbostylis barbata		+
Eriachne sp. Dugald River (B.K. Simon+ 3007)		+
Grevillea wickhamii subsp. *hispidula*		+
Indigofera monophylla		+
Polygala glaucifolia		+
Ptilotus calostachyus		+
Senna glutinosa subsp. *glutinosa*		+
Triumfetta chaetocarpa		+

Site EP38

Date	29/05/2024
Botanist	Megan Gray, Aishwarya Gujarathi
Quadrat Size	50 x 50 m
NW Corner Coordinates	786708.93 mE 7640601.7 mN
Vegetation Unit	**ElTlTb** - *Eucalyptus leucophloia* subsp. *leucophloia* and *Corymbia hamersleyana* Low Open Woodland over mixed *Acacia* spp. Sparse Mid Shrubland over *Triodia longiceps* and *Triodia brizoides* Open Mid Hummock Grassland.
Slope	Gentle
Landform	Tall Hills Crest
Soil Colour	Brown
Soil Type	loam
Litter	0.2%
Bare Ground	80%
Fire Age	1-3 Years
Vegetation Condition	Excellent
Disturbances/Impacts	None



Species	Height (m)	% Cover
Eucalyptus leucophloia subsp. *leucophloia*	4	1.5
Acacia orthocarpa	2.2	2
Grevillea wickhamii subsp. *hispidula*	2	1
Acacia maitlandii	1	3
Triodia brizoides	0.4	15
Triodia epactia	0.3	5
Acacia inaequilatera		+
Cajanus pubescens		+
Corchorus incanus subsp. *incanus*		+
Eriachne sp. Dugald River (B.K. Simon+ 3007)		+
Fimbristylis dichotoma		+
Fimbristylis simulans		+
Goodenia muelleriana		+
Heliotropium crispatum		+
Indigofera monophylla		+
Paspalidium clementii		+
Polycarpaea holtzei		+
Senna artemisioides subsp. *oligophylla*		+
Tribulus platypterus		+

Site EP39

Date	28/05/2024
Botanist	Megan Gray, Sarah Beckwith, Aishwarya Gujarathi
Quadrat Size	50 x 50 m
NW Corner Coordinates	781914.54 mE 7640647.94 mN
Vegetation Unit	**AiSgTb** - *Acacia inaequilatera* Tall Isolated Shrubland over *Ptilotus auriculifolius* Low Sparse shrubland over *Triodia brizoides*, *Triodia epactia*, and *Triodia wiseana* Mid Hummock Grassland.
Slope	Moderate
Landform	Hill Crest
Soil Colour	Red brown
Soil Type	Loam clay skeletal
Litter	0.1%
Bare Ground	50%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	None



Species	Height (m)	% Cover
Acacia inaequilatera	4	0.5
Triodia brizoides	0.7	45
Triodia wiseana	0.5	5
Arivela viscosa		+
Boerhavia gardneri		+
Bulbostylis barbata		+
Corchorus ? incanus subsp. *incanus*		+
Dolichocarpa crouchiana		+
Dysphania kalpari		+
Eriachne pulchella subsp. *Pulchella*		+
Euphorbia tannensis subsp. *eremophila*		+
Gomphrena cunninghamii		+
Goodenia muelleriana		+
Indigofera monophylla		+
Polycarpaea holtzei		+
Ptilotus auriculifolius		+
Ptilotus calostachyus		+
Rhynchosia minima		+
Tribulus hirsutus		+
Tribulus platypterus		+
Triumfetta chaetocarpa		+

Site EP40

Date	28/05/2024
Botanist	Taryn Brebner, Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	782967.77 mE 7640666.31 mN
Vegetation Unit	**ChTl** - *Corymbia hamersleyana* Low Isolated Trees over Mixed *Acacia* spp. Tall Sparse Shrubland over *Triodia longiceps* and *Triodia wiseana* Low Open Hummock Grassland.
Slope	Gentle
Landform	Plain
Soil Colour	Dark brown
Soil Type	Loamy clay
Litter	0.1%
Bare Ground	2%
Fire Age	5-10 Years
Vegetation Condition	Good-Very Good
Disturbances/Impacts	Cattle



Species	Height (m)	% Cover
Corymbia hamersleyana	5.5	1
Acacia bivenosa	3	1
Acacia acradenia	2.5	0.5
Pluchea ferdinandi-muelleri	0.7	1
Triodia longiceps	0.7	80
Chrysopogon fallax	0.3	5
Acacia pyrifolia var. *pyrifolia*		+
Afrohybanthus aurantiacus		+
Cassytha sp. 2		+
**Cenchrus ciliaris*		+
Corchorus incanus subsp. *incanus*		+
Dichrostachys spicata		+
Rhynchosia minima		+
Sclerolaena hostilis		+
Senna symonii		+
Sporobolus australasicus		+
Stemodia grossa		+
Trianthema turgidifolium		+

Site EP41r

Date	28/05/2024
Botanist	Megan Gray, Sarah Beckwith, Aishwarya Gujarathi
Quadrat Size	50 x 50 m
NW Corner Coordinates	781176.08 mE 7640843.45 mN
Vegetation Unit	**AhAtTa** - *Atalaya hemiglauca* Low Isolated Trees over *Acacia trachycarpa* Tal Sparse Shrubland over *Triodia angusta, Triodia longiceps* and **Cenchrus setiger* Low Open Hummock Grassland.
Slope	Gentle
Landform	Floodplain
Soil Colour	Brown
Soil Type	Loamy sand
Litter	3%
Bare Ground	45%
Fire Age	5-10 Years
Vegetation Condition	Degraded
Disturbances/Impacts	Weeds, loss of under story, cattle, heavy grazing



Species	Height (m)	% Cover
Hakea lorea subsp. *lorea*	6	5
Atalaya hemiglauca	5	2
Acacia trachycarpa	3	4
**Cenchrus ciliaris*	0.6	55
Acacia pyrifolia var. *morrisonii*		+
Arivela viscosa		+
**Cenchrus setiger*		+
Corchorus incanus subsp. *incanus*		+
Eriachne sp. Dugald River (B.K. Simon+ 3007)		+
Euphorbia australis var. *subtomentosa*		+
**Vachellia farnesiana* var. *farnesiana*		+

Site EP42

Date	29/05/2024
Botanist	Taryn Brebner, Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	784596.28 mE 7640094.59 mN
Vegetation Unit	**AiAaTw** - *Acacia inaequilatera* and *Acacia acradenia* Tall Isolated Shrubland over *Triodia longiceps* and *Triodia wiseana* Low Hummock Grassland.
Slope	Gentle
Landform	Plain
Soil Colour	Dark brown
Soil Type	Loamy clay
Litter	0.1%
Bare Ground	0.1%
Fire Age	5-10 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Cattle



Species	Height (m)	% Cover
Acacia inaequilatera	2	0.5
Triodia wiseana	0.25	40
Acacia acradenia		+
Acacia bivenosa		+
Dolichocarpa crouchiana		+
Euploca cunninghamii		+
Euploca pachyphylla		+
Goodenia stobbsiana		+
Petalostylis labicheoides		+
Ptilotus astrolasius		+
Ptilotus auriculifolius		+
Ptilotus calostachyus		+
Senna glutinosa subsp. *pruinosa*		+
Senna notabilis		+
Tribulus hirsutus		+

Site EP43

Date	28/05/2024
Botanist	Megan Gray, Sarah Beckwith, Aishwarya Gujarathi
Quadrat Size	50 x 50 m
NW Corner Coordinates	783413.84 mE 7639861.09 mN
Vegetation Unit	**ChTl** - *Corymbia hamersleyana* Low Isolated Trees over Mixed *Acacia* spp. Tall Sparse Shrubland over *Triodia longiceps* and *Triodia wiseana* Low Open Hummock Grassland.
Slope	Gentle
Landform	Undulating Plain
Soil Colour	Cream
Soil Type	Loamy clay
Litter	0.5%
Bare Ground	40%
Fire Age	3-5 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Cattle



Species	Height (m)	% Cover
Corymbia hamersleyana	5	1
Acacia acradenia	4	3
Acacia bivenosa	3	2
Senna symonii	1.5	1
Triodia wiseana	0.6	20
Triodia angusta	0.5	40

Site EP44

Date	28/05/2024
Botanist	Taryn Brebner, Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	784002.32 mE 7638994.87 mN
Vegetation Unit	**ChTl** - *Corymbia hamersleyana* Low Isolated Trees over Mixed *Acacia* spp. Tall Sparse Shrubland over *Triodia longiceps* and *Triodia wiseana* Low Open Hummock Grassland.
Slope	Gentle
Landform	Plain
Soil Colour	Light brown
Soil Type	Loamy clay
Litter	0.1%
Bare Ground	0.1%
Fire Age	5-10 Years
Vegetation Condition	Very Good
Disturbances/Impacts	None



Species	Height (m)	% Cover
Corymbia hamersleyana	6	1.5
Acacia inaequilatera	2	0.5
Triodia wiseana	0.6	35
Triodia longiceps	0.4	5
Acacia acradenia		+
Acacia bivenosa		+
Aristida holathera var. *holathera*		+
Boerhavia gardneri		+
Bonamia pilbarensis		+
Cassytha filiformis		+
Corchorus ? *incanus* subsp. *incanus*		+
Corchorus incanus subsp. *incanus*		+
Dolichocarpa crouchiana		+
Eriachne mucronata		+
Euploca cunninghamii		+
Grevillea wickhamii		+
Hakea lorea subsp. *lorea*		+
Heliotropium crispatum		+
Ptilotus auriculifolius		+
Senna glutinosa subsp. *glutinosa*		+
Senna glutinosa subsp. *pruinosa*		+
Stemodia grossa		+

Site EP45

Date	28/05/2024
Botanist	Megan Gray, Sarah Beckwith, Aishwarya Gujarathi
Quadrat Size	50 x 50 m
NW Corner Coordinates	787101.43 mE 7639586.79 mN
Vegetation Unit	**ChTl** - *Corymbia hamersleyana* Low Isolated Trees over Mixed *Acacia* spp. Tall Sparse Shrubland over *Triodia longiceps* and *Triodia wiseana* Low Open Hummock Grassland.
Slope	Gentle
Landform	Floodplain
Soil Colour	Cream
Soil Type	Clay sand
Litter	0.1%
Bare Ground	50%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Cattle



Species	Height (m)	% Cover
Acacia bivenosa	3	1
Triodia longiceps	0.7	50
Dactyloctenium radulans		+
Eriachne sp. Dugald River (B.K. Simon+ 3007)		+
Heliotropium crispatum		+
Pluchea ferdinandi-muelleri		+
Sporobolus actinocladus		+
Stemodia grossa		+
Trianthema triquetrum		+
Tribulus hirsutus		+
Acacia bivenosa		ASSOSS
Acacia stellaticeps		ASSOSS
Corymbia hamersleyana		ASSOSS

Site EP46

Date	29/05/2024
Botanist	Taryn Brebner, Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	785992.2 mE 7639010.04 mN
Vegetation Unit	**AiAaTw** - *Acacia inaequilatera* and *Acacia acradenia* Tall Isolated Shrubland over *Triodia longiceps* and *Triodia wiseana* Low Hummock Grassland.
Slope	Gentle
Landform	Plain
Soil Colour	Dark brown
Soil Type	Loamy clay
Litter	0.1%
Bare Ground	0.1%
Fire Age	5-10 Years
Vegetation Condition	Good-Very Good
Disturbances/Impacts	Cattle



Species	Height (m)	% Cover
Acacia inaequilatera	2	0.5
Triodia angusta	0.4	7
Triodia wiseana	0.4	25
Acacia synchronicia		+
Arivela viscosa		+
Boerhavia gardneri		+
Bonamia pilbarensis		+
Corchorus incanus subsp. *incanus*		+
Dolichocarpa crouchiana		+
Euploca cunninghamii		+
Goodenia muelleriana		+
Indigofera monophylla		+
Portulaca oleracea		+
Ptilotus auriculifolius		+
Ptilotus calostachyus		+
Tribulus hirsutus		+

Site EP47

Date	28/05/2024
Botanist	Megan Gray, Sarah Beckwith, Aishwarya Gujarathi
Quadrat Size	50 x 50 m
NW Corner Coordinates	781480.52 mE 7638677.12 mN
Vegetation Unit	**AiSgTb** - *Acacia inaequilatera* Tall Isolated Shrubland over *Ptilotus auriculifolius* Low Sparse shrubland over *Triodia brizoides*, *Triodia epactia*, and *Triodia wiseana* Mid Hummock Grassland.
Slope	Moderate
Landform	Mid Slope
Soil Colour	Brown
Soil Type	Loamy clay skeletal
Litter	0.1%
Bare Ground	40%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	None



Species	Height (m)	% Cover
Senna glutinosa subsp. *glutinosa*	2	0.1
Acacia inaequilatera	2	1
Triodia brizoides	0.8	50
Triodia wiseana	0.6	10
Aristida holathera var. *holathera*		+
Arivela viscosa		+
Boerhavia gardneri		+
Bulbostylis barbata		+
Corchorus ? incanus subsp. *incanus*		+
Crotalaria cunninghamii subsp. *sturtii*		+
Crotalaria medicaginea var. *neglecta*		+
Cucumis variabilis		+
Cymbopogon ambiguus		+
Dolichocarpa crouchiana		+
Eriachne mucronata		+
Eriachne pulchella subsp. *Pulchella*		+
Euphorbia tannensis subsp. *eremophila*		+
Gomphrena cunninghamii		+
Goodenia microptera		+
Goodenia muelleriana		+
Heliotropium crispatum		+
Indigofera monophylla		+
Pentalepis trichodesmoides subsp. *trichodesmoides*		+
Polycarpaea corymbosa var. *corymbosa*		+
Polycarpaea holtzei		+
Polygala glaucifolia		+
Polymeria lanata		+
Ptilotus auriculifolius		+
Ptilotus exaltatus		+
Rhynchosia minima		+
Streptoglossa decurrens		+
Trichodesma zeylanicum		+
Trigastrotheca molluginea		+
Triumfetta chaetocarpa		+
Triumfetta clementii		+
Vigna sp. Hamersley Clay (A.A. Mitchell PRP 113)		+
Enneapogon caerulescens		ASSOSS
Euploca cunninghamii		ASSOSS
Indigofera rugosa		ASSOSS
Solanum horridum		ASSOSS

Site EP48

Date	28/05/2024
Botanist	Taryn Brebner, Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	782832.96 mE 7638001.3 mN
Vegetation Unit	**ChAcTw** - *Corymbia hamersleyana* Low Isolated Trees over *Acacia colei* Tall Sparse Shrubland over *Triodia wiseana* and *Chrysopogon fallax* Mid Hummock Grassland.
Slope	Moderate
Landform	Drainage
Soil Colour	Dark brown
Soil Type	Silty sand
Litter	0.1%
Bare Ground	1%
Fire Age	5-10 Years
Vegetation Condition	Good-Very Good
Disturbances/Impacts	Weeds



Species	Height (m)	% Cover
Eucalyptus camaldulensis subsp. refulgens	7	2
Corymbia hamersleyana	6.5	2
Eriachne tenuiculmis	0.6	15
**Cenchrus ciliaris*	0.4	2
Triodia wiseana	0.4	5
**Aerva javanica*		+
Afrohybanthus aurantiacus		+
Alysicarpus muelleri		+
Arivela viscosa		+
Atalaya hemiglauca		+
Boerhavia gardneri		+
Bonamia erecta		+
Chrysopogon fallax		+
Cymbopogon ambiguus		+
Cyperus vaginatus		+
Euphorbia coghlanii		+
Goodenia muelleriana		+
Heliotropium crispatum		+
Indigofera monophylla		+
Petalostylis labicheoides		+
Ptilotus auriculifolius		+
Rhynchosia minima		+
Senna artemisioides subsp. *oligophylla*		+
Senna notabilis		+
Themeda triandra		+
Tribulus hirsutus		+
Triumfetta appendiculata		+

Site EP49

Date	28/05/2024
Botanist	Megan Gray, Sarah Beckwith, Aishwarya Gujarathi
Quadrat Size	50 x 50 m
NW Corner Coordinates	783568.83 mE 7637845.59 mN
Vegetation Unit	**AiSgTb** - *Acacia inaequilatera* Tall Isolated Shrubland over *Ptilotus auriculifolius* Low Sparse shrubland over *Triodia brizoides*, *Triodia epactia*, and *Triodia wiseana* Mid Hummock Grassland.
Slope	Moderate
Landform	Hill Crest
Soil Colour	Orange
Soil Type	Skeletal sandy loam
Litter	0.5%
Bare Ground	65%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Near by top soil drop, reveg with weeds



Species	Height (m)	% Cover
Acacia orthocarpa	3	4
Grevillea wickhamii subsp. *hispidula*	2.5	4
Acacia inaequilatera	2	1
Triodia wiseana	0.7	40
Triodia brizoides	0.5	1
Acacia acradenia		+
Amaranthus undulatus		+
Aristida holathera var. *holathera*		+
Arivela viscosa		+
Boerhavia gardneri		+
Bonamia erecta		+
Bulbostylis barbata		+
Corchorus incanus subsp. *incanus*		+
Dampiera candicans		+
Dolichocarpa crouchiana		+
Euphorbia tannensis subsp. *eremophila*		+
Euploca cunninghamii		+
Goodenia muelleriana		+
Polymeria ambigua		+
Ptilotus auriculifolius		+
Ptilotus calostachyus		+
Senna glutinosa subsp. *glutinosa*		+
Senna notabilis		+
Trachymene oleracea subsp. *oleracea*		+
Triumfetta clementii		+
Gomphrena cunninghamii		ASSOSS

Site EP50

Date	28/05/2024
Botanist	Taryn Brebner, Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	782921.23 mE 7637561.16 mN
Vegetation Unit	**AiAaTw** - *Acacia inaequilatera* and *Acacia acradenia* Tall Isolated Shrubland over *Triodia longiceps* and *Triodia wiseana* Low Hummock Grassland.
Slope	Flat
Landform	Plain
Soil Colour	Light brown
Soil Type	Loamy clay
Litter	0.1%
Bare Ground	0.5%
Fire Age	1-3 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Cattle



Species	Height (m)	% Cover
Acacia inaequilatera	4	0.5
Triodia wiseana	0.45	45
Acacia acradenia		+
Afrohybanthus aurantiacus		+
Aristida contorta		+
Arivela viscosa		+
Boerhavia gardneri		+
Chrysopogon fallax		+
Corchorus incanus subsp. *incanus*		+
Crotalaria medicaginea var. *neglecta*		+
Dolichocarpa crouchiana		+
Dysphania kalpari		+
Eriachne pulchella subsp. *Pulchella*		+
Euphorbia australis var. *subtomentosa*		+
Euphorbia coghlanii		+
Euploca cunninghamii		+
Euploca heterantha		+
Gomphrena cunninghamii		+
Goodenia muelleriana		+
Indigofera monophylla		+
Pentalepis trichodesmoides subsp. *trichodesmoides*		+
Portulaca oleracea		+
Ptilotus astrolasius		+
Ptilotus auriculifolius		+
Rhynchosia minima		+
Senna glutinosa subsp. *pruinosa*		+
Senna notabilis		+
Sida sp. Pilbara (A.A. Mitchell PRP 1543)		+
Solanum diversiflorum		+
Solanum horridum		+
Sporobolus australasicus		+
Tephrosia densa		+
Tephrosia sp. Bungaroo Creek (M.E. Trudgen 11601)		+
Tribulus hirsutus		+
Tribulus platypterus		+
Triumfetta clementii		+

Site EP51

Date	29/05/2024
Botanist	Taryn Brebner, Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	786873.41 mE 7638150.05 mN
Vegetation Unit	**EvMlTe** - *Eucalyptus victrix* Mid Woodland over *Melaleuca linophylla, Melaleuca glomerata* and *Acacia* spp. Tall Open Shrubland over *Triodia epactia, Triodia longiceps* and **Cenchrus ciliaris* Open Mid Hummock Grassland.
Slope	Gentle
Landform	Drainage
Soil Colour	Dark brown
Soil Type	Silty sand
Litter	0.5%
Bare Ground	1%
Fire Age	5-10 Years
Vegetation Condition	Good
Disturbances/Impacts	Cattle



Species	Height (m)	% Cover
Eucalyptus victrix	8	15
Atalaya hemiglauca	6	1
Acacia trachycarpa	2.5	2
Melaleuca linophylla	2	3
Triodia epactia	0.5	1
Cymbopogon ambiguus	0.4	2
**Cenchrus ciliaris*	0.3	3
Eriachne tenuiculmis	0.3	7
Acacia ampliceps		+
Acacia pyrifolia var. *pyrifolia*		+
Acacia sericophylla		+
**Aerva javanica*		+
Afrohybanthus aurantiacus		+
Arivela viscosa		+
Boerhavia gardneri		+
Bonamia pilbarensis		+
Corchorus incanus subsp. *incanus*		+
Corymbia hamersleyana		+
Cucumis variabilis		+
Cyperus vaginatus		+
Eriachne pulchella subsp. *Pulchella*		+
Euphorbia australis var. *subtomentosa*		+
Euphorbia coghlanii		+
Grevillea wickhamii subsp. *aprica*		+
?*Hibiscus sturtii*		+
Indigofera trita subsp. *trita*		+
Notoleptopus decaisnei		+
Polycarpaea longiflora		+
Polymeria calycina		+
Ptilotus auriculifolius		+
Rhynchosia minima		+
Senna glutinosa subsp. *glutinosa*		+
Senna notabilis		+
Solanum diversiflorum		+
Tephrosia rosea var. *clementii*		+
Trachymene oleracea subsp. *oleracea*		+
Trichodesma zeylanicum		+
Hakea lorea subsp. *lorea*		ASSOSS

Site EP52

Date	29/05/2024
Botanist	Taryn Brebner, Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	788967.08 mE 7637418.91 mN
Vegetation Unit	**AiAaTw** - *Acacia inaequilatera* and *Acacia acradenia* Tall Isolated Shrubland over *Triodia longiceps* and *Triodia wiseana* Low Hummock Grassland.
Slope	Moderate
Landform	Plain
Soil Colour	Dark brown
Soil Type	Loamy clay
Litter	0.5%
Bare Ground	0.1%
Fire Age	5-10 Years
Vegetation Condition	Good-Very Good
Disturbances/Impacts	Cattle



Species	Height (m)	% Cover
Acacia inaequilatera	2.5	0.5
Acacia acradenia	1.5	1
Triodia wiseana	0.2	46
Arivela viscosa		+
Boerhavia gardneri		+
Bonamia erecta		+
Corchorus incanus subsp. *incanus*		+
Dolichocarpa crouchiana		+
Eriachne pulchella subsp. *Pulchella*		+
Euploca cunninghamii		+
Grevillea wickhamii subsp. *aprica*		+
Indigofera monophylla		+
Ptilotus auriculifolius		+

Site EP53

Date	28/05/2024
Botanist	Megan Gray, Sarah Beckwith, Aishwarya Gujarathi
Quadrat Size	50 x 50 m
NW Corner Coordinates	784614.44 mE 7636682.11 mN
Vegetation Unit	**CspTb** - *Corymbia* sp. 1 and *Corymbia hamersleyana* Low Isolated Trees over *Acacia inaequilatera* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Sparse Shrubs over *Triodia wiseana* and *Triodia epactia* Low Open Hummock Grassland.
Slope	Moderate
Landform	Upper Drainage
Soil Colour	Brown orange
Soil Type	Skeletal clayey loam
Litter	1%
Bare Ground	50%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	None



Species	Height (m)	% Cover
Acacia orthocarpa	3	25
Acacia inaequilatera	2	5
Cymbopogon ambiguus	0.8	10
Triodia wiseana	0.5	5
Triodia wiseana	0.5	35
Acacia pyrifolia		+
Afrohybanthus aurantiacus		+
Alysicarpus muelleri		+
Cheilanthes sieberi subsp. *sieberi*		+
Corchorus incanus subsp. *incanus*		+
Corymbia hamersleyana		+
Crotalaria medicaginea var. *neglecta*		+
Cucumis variabilis		+
Cullen leucochaites		+
Cymbopogon ambiguus		+
Eriachne tenuiculmis		+
Euphorbia careyi		+
Euphorbia tannensis subsp. *eremophila*		+
Fimbristylis dichotoma		+
Goodenia stobbsiana		+
Gossypium australe		+
Grevillea pyramidalis subsp. *leucadendron*		+
Hibiscus coatesii		+
Indigofera monophylla		+
Polygala glaucifolia		+
Ptilotus auriculifolius		+
Rhynchosia minima		+
Scaevola amblyanthera var. *centralis*		+
Senna artemisioides subsp. *oligophylla*		+
Senna glutinosa subsp. *glutinosa*		+
Solanum diversiflorum		+
Solanum horridum		+
Stemodia grossa		+
Swainsona decurrens		+
Trichodesma zeylanicum		+
Triumfetta chaetocarpa		+

Site EP54

Date	29/05/2024
Botanist	Taryn Brebner, Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	785724.08 mE 7636489.45 mN
Vegetation Unit	**EvMlTe** - *Eucalyptus victrix* Mid Woodland over *Melaleuca linophylla, Melaleuca glomerata* and *Acacia* spp. Tall Open Shrubland over *Triodia epactia, Triodia longiceps* and **Cenchrus ciliaris* Open Mid Hummock Grassland.
Slope	Moderate
Landform	Drainage
Soil Colour	Dark brown
Soil Type	Silty sand
Litter	0.5%
Bare Ground	0.1%
Fire Age	5-10 Years
Vegetation Condition	Good-Very Good
Disturbances/Impacts	Cattle



Species	Height (m)	% Cover
Eucalyptus victrix	8	4
Corymbia hamersleyana	7	1.5
Grevillea wickhamii subsp. *aprica*	3	1
Acacia acradenia	2.5	1
Cymbopogon ambiguus	1	1
Triodia epactia	0.6	1
Eriachne tenuiculmis	0.4	15
Acacia pyrifolia var. *pyrifolia*		+
Afrohybanthus aurantiacus		+
Arivela viscosa		+
Boerhavia gardneri		+
Corchorus incanus subsp. *incanus*		+
Cucumis sp. Chichester Range (A.A. Mitchell et al. AAM 10691)		+
Euphorbia ? tannensis subsp. *eremophila*		+
Gomphrena cunninghamii		+
Goodenia stobbsiana		+
Gossypium australe		+
Indigofera trita subsp. *trita*		+
Kirganelia baccata		+
Nellica maderaspatensis		+
Rhynchosia minima		+
Senna glutinosa subsp. *glutinosa*		+
Solanum diversiflorum		+
Stemodia grossa		+
Tephrosia rosea var. *clementii*		+
Themeda triandra		+
Triumfetta appendiculata		+

Site EP55

Date	28/05/2024
Botanist	Megan Gray, Sarah Beckwith, Aishwarya Gujarathi
Quadrat Size	50 x 50 m
NW Corner Coordinates	781308.59 mE 7635742.22 mN
Vegetation Unit	**AiSgTb** - *Acacia inaequilatera* Tall Isolated Shrubland over *Ptilotus auriculifolius* Low Sparse shrubland over *Triodia brizoides*, *Triodia epactia*, and *Triodia wiseana* Mid Hummock Grassland.
Slope	Moderate
Landform	Hill Crest
Soil Colour	Brown
Soil Type	Sandy clayey loam
Litter	0.1%
Bare Ground	50%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	None



Species	Height (m)	% Cover
Acacia inaequilatera	1.8	0.8
Triodia wiseana	0.6	30
Triodia epactia	0.5	20
Acacia pyrifolia		+
Afrohybanthus aurantiacus		+
Alysicarpus muelleri		+
Amaranthus undulatus		+
Arivela viscosa		+
Boerhavia gardneri		+
Bulbostylis barbata		+
Corchorus incanus subsp. *incanus*		+
Crotalaria medicaginea var. *neglecta*		+
Cucumis variabilis		+
Cullen leucochaites		+
Cymbopogon ambiguus		+
Dolichocarpa crouchiana		+
Euphorbia australis var. *subtomentosa*		+
Euphorbia tannensis subsp. *eremophila*		+
Evolvulus alsinoides var. *villosicalyx*		+
Gomphrena cunninghamii		+
Gossypium australe		+
Heliotropium crispatum		+
Indigofera rugosa		+
Pentalepis trichodesmoides subsp. *trichodesmoides*		+
Polycarpaea corymbosa var. *corymbosa*		+
Polycarpaea holtzei		+
Ptilotus fusiformis		+
Rhynchosia minima		+
Solanum phlomoides		+
Tribulus hirsutus		+
Tribulus platypterus		+
Trichodesma zeylanicum		+
Triodia brizoides		+
Triumfetta chaetocarpa		+
Vigna sp. Hamersley Clay (A.A. Mitchell PRP 113)		+

Site EP56

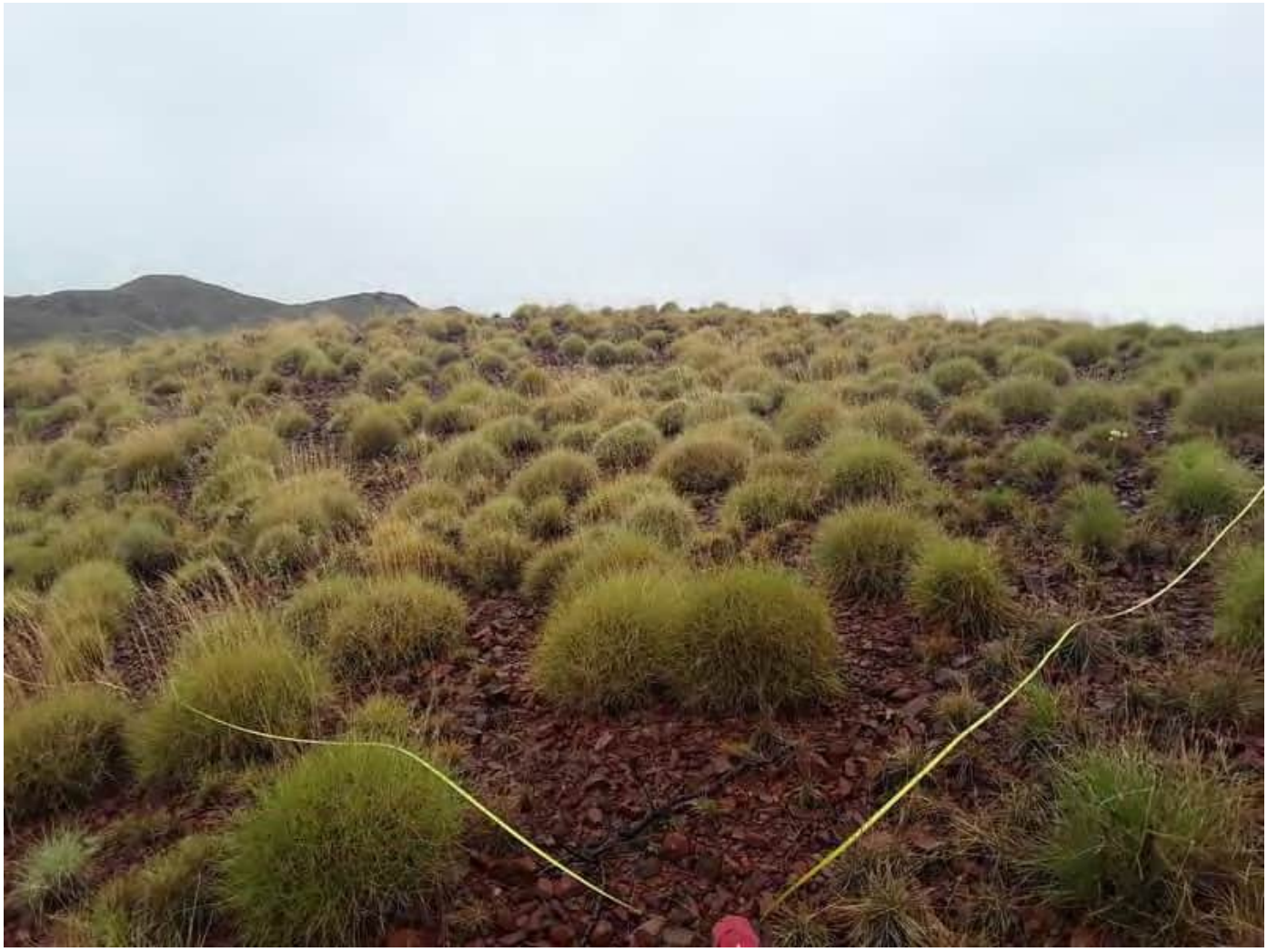
Date	28/05/2024
Botanist	Taryn Brebner, Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	782636.66 mE 7635533.66 mN
Vegetation Unit	**AiSgTb** - *Acacia inaequilatera* Tall Isolated Shrubland over *Ptilotus auriculifolius* Low Sparse shrubland over *Triodia brizoides*, *Triodia epactia*, and *Triodia wiseana* Mid Hummock Grassland.
Slope	Moderate
Landform	Upperslope
Soil Colour	Light brown
Soil Type	Loamy clay
Litter	0.1%
Bare Ground	0.1%
Fire Age	1-3 Years
Vegetation Condition	Very Good-Excellent
Disturbances/Impacts	None



Species	Height (m)	% Cover
Acacia inaequilatera	4	0.5
Ptilotus auriculifolius	0.35	3
Triodia epactia	0.35	40
Triodia brizoides	0.3	5
Amaranthus undulatus		+
Arivela viscosa		+
Atalaya hemiglauca		+
Bonamia pilbarensis		+
Corchorus ? incanus subsp. *incanus*		+
Cucumis variabilis		+
Cymbopogon ambiguus		+
Dolichocarpa crouchiana		+
Euphorbia careyi		+
Euploca cunninghamii		+
Gomphrena cunninghamii		+
Goodenia muelleriana		+
Grevillea pyramidalis subsp. *leucadendron*		+
Heliotropium crispatum		+
Hibiscus coatesii		+
Pentalepis trichodesmoides subsp. *trichodesmoides*		+
Ptilotus calostachyus		+
Senna glutinosa subsp. *glutinosa*		+
Solanum horridum		+
Solanum phlomoides		+
Trachymene oleracea subsp. *oleracea*		+
Tribulus hirsutus		+
Tribulus platypterus		+
Trichodesma zeylanicum		+
Triumfetta clementii		+

Site EP58

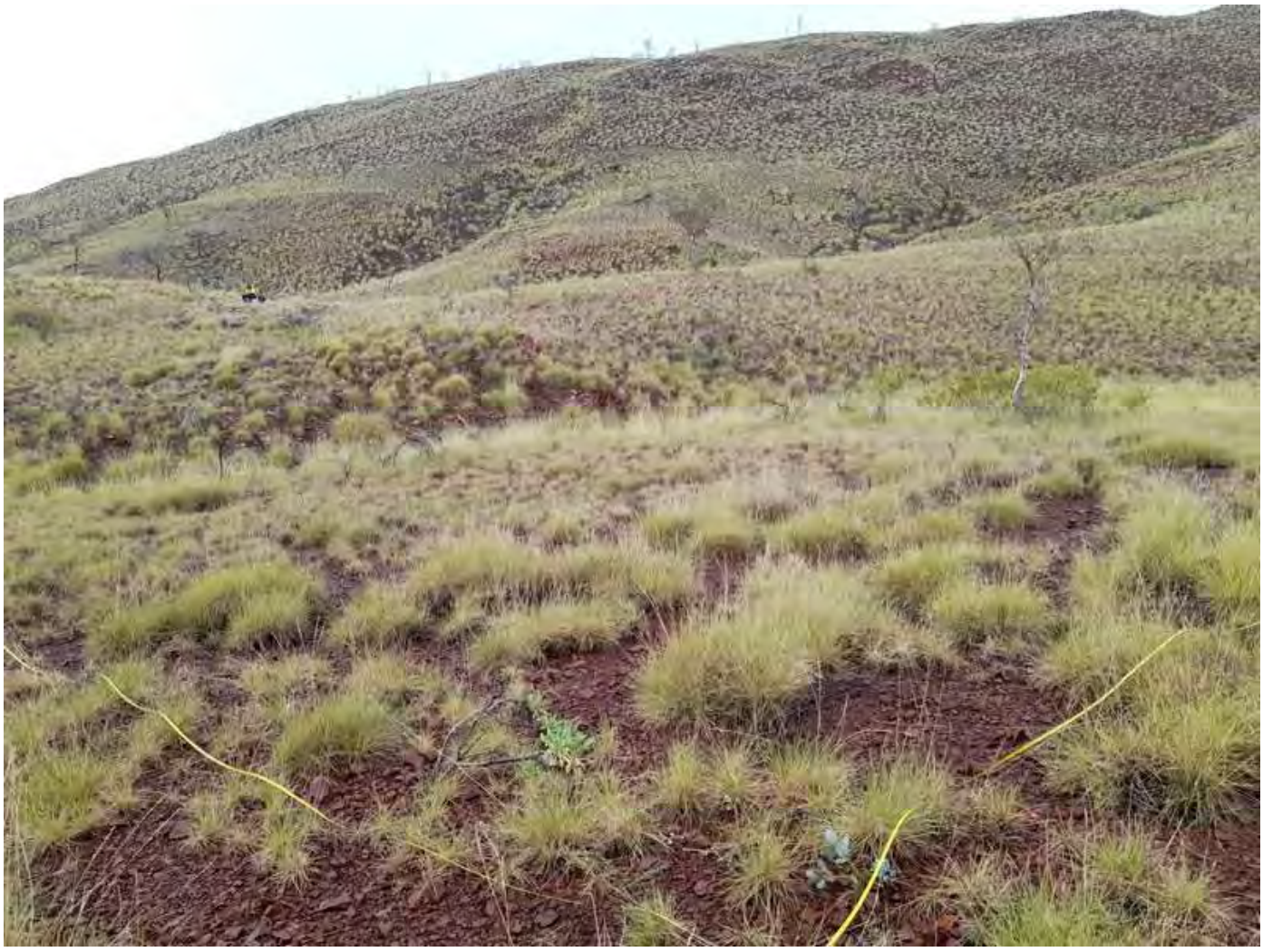
Date	29/05/2024
Botanist	Taryn Brebner, Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	787272.46 mE 7635790.07 mN
Vegetation Unit	**AiSgTb** - *Acacia inaequilatera* Tall Isolated Shrubland over *Ptilotus auriculifolius* Low Sparse shrubland over *Triodia brizoides*, *Triodia epactia*, and *Triodia wiseana* Mid Hummock Grassland.
Slope	Moderate
Landform	Upperslope
Soil Colour	Dark brown
Soil Type	Loamy clay
Litter	0.1%
Bare Ground	0.1%
Fire Age	5-10 Years
Vegetation Condition	Very Good
Disturbances/Impacts	None



Species	Height (m)	% Cover
Acacia inaequilatera	2.5	0.5
Triodia epactia	0.4	0.5
Triodia wiseana	0.3	47
Afrohybanthus aurantiacus		+
Amaranthus undulatus		+
Arivela viscosa		+
Boerhavia gardneri		+
Bonamia pilbarensis		+
Corchorus incanus subsp. *incanus*		+
Cymbopogon ambiguus		+
Dolichocarpa crouchiana		+
Enneapogon lindleyanus		+
Eriachne mucronata		+
Euploca cunninghamii		+
Gomphrena cunninghamii		+
Goodenia stobbsiana		+
Heliotropium crispatum		+
Indigofera monophylla		+
Ptilotus auriculifolius		+
Ptilotus calostachyus		+
Trichodesma zeylanicum		+
Trigastrotheca molluginea		+
Triumfetta chaetocarpa		+

Site EP59

Date	29/05/2024
Botanist	Megan Gray, Aishwarya Gujarathi
Quadrat Size	50 x 50 m
NW Corner Coordinates	789568.48 mE 7635496.31 mN
Vegetation Unit	**Tw1** - *Triodia wiseana* Low Hummock Grassland.
Slope	Moderate
Landform	Lower Slopes Of Tall Rockley Hills
Soil Colour	Red brown
Soil Type	Clay loam
Litter	0.5%
Bare Ground	60%
Fire Age	3-5 Years
Vegetation Condition	Excellent
Disturbances/Impacts	None



Species	Height (m)	% Cover
Corymbia hamersleyana	3	0.5
Acacia inaequilatera	1.5	1
Acacia tumida var. *pilbarensis*	1	2
Triodia wiseana	0.3	40
Arivela viscosa		+
Corchorus incanus subsp. *incanus*		+
Dolichocarpa crouchiana		+
Euploca cunninghamii		+
Goodenia stobbsiana		+
Indigofera monophylla		+

Site EP61

Date	29/05/2024
Botanist	Megan Gray, Aishwarya Gujarathi
Quadrat Size	50 x 50 m
NW Corner Coordinates	790069.86 mE 7637103.16 mN
Vegetation Unit	**ChTl** - *Corymbia hamersleyana* Low Isolated Trees over Mixed *Acacia* spp. Tall Sparse Shrubland over *Triodia longiceps* and *Triodia wiseana* Low Open Hummock Grassland.
Slope	Flat
Landform	Plain
Soil Colour	Red brown
Soil Type	Clay loam
Litter	1%
Bare Ground	40%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Likely cattle presence, weeds



Species	Height (m)	% Cover
Corymbia hamersleyana	6	0.1
Triodia angusta	1.1	25
Triodia wiseana	0.8	15
Acacia bivenosa		+
Acacia pyrifolia		+
Euploca cunninghamii		+
Indigofera monophylla		+
Pluchea ferdinandi-muelleri		+
Senna symonii		+
Stackhousia intermedia		+
Hakea lorea subsp. *lorea*		ASSOSS

Site EP62

Date	29/05/2024
Botanist	Megan Gray, Aishwarya Gujarathi
Quadrat Size	50 x 50 m
NW Corner Coordinates	791625.99 mE 7637969.6 mN
Vegetation Unit	**ChTl** - *Corymbia hamersleyana* Low Isolated Trees over Mixed *Acacia* spp. Tall Sparse Shrubland over *Triodia longiceps* and *Triodia wiseana* Low Open Hummock Grassland.
Slope	Moderate
Landform	Ridge Talga
Soil Colour	Brown
Soil Type	loam
Litter	0.5%
Bare Ground	85%
Fire Age	1-3 Years
Vegetation Condition	Excellent
Disturbances/Impacts	None



Species	Height (m)	% Cover
Acacia bivenosa	0.9	1
Grevillea wickhamii subsp. *hispidula*	0.8	0.2
Triodia wiseana	0.3	10
Triodia angusta	0.1	10
Boerhavia gardneri		+
Corchorus incanus subsp. *incanus*		+
Corymbia hamersleyana		+
Dolichocarpa crouchiana		+
Eriachne mucronata		+
Goodenia muelleriana		+
Ptilotus auriculifolius		+
Ptilotus exaltatus		+
Senna artemisioides subsp. *oligophylla*		+
Senna symonii		+

Site EP63

Date	29/05/2024
Botanist	Megan Gray, Aishwarya Gujarathi
Quadrat Size	50 x 50 m
NW Corner Coordinates	792048.69 mE 7639124.26 mN
Vegetation Unit	**Tw1** - *Triodia wiseana* Low Hummock Grassland.
Slope	Gentle
Landform	Undulating Low Rises
Soil Colour	Brown
Soil Type	Clay loam
Litter	0.1%
Bare Ground	85%
Fire Age	1-3 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Some cattle presence



Species	Height (m)	% Cover
Indigofera monophylla	0.2	2
Triodia wiseana	0.2	12
**Aerva javanica*		+
Arivela viscosa		+
Boerhavia gardneri		+
Cajanus pubescens		+
**Cenchrus ciliaris*		+
Corchorus incanus subsp. *incanus*		+
Cucumis variabilis		+
Dolichocarpa crouchiana		+
Grevillea wickhamii subsp. *hispidula*		+
Ptilotus auriculifolius		+
Ptilotus exaltatus		+
Senna symonii		+
Tribulus platypterus		+
Trigastrotheca molluginea		+

Site EP64

Date	29/05/2024
Botanist	Taryn Brebner, Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	802524.78 mE 7631903.97 mN
Vegetation Unit	**AiCpTw** - *Acacia inaequilatera* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Isolated Shrubland over *Corchorus parviflorus* Low Sparse Shrubland over *Triodia wiseana* Low Hummock Grassland.
Slope	Flat
Landform	Plain
Soil Colour	Dark brown
Soil Type	Loamy clay
Litter	0.1%
Bare Ground	3%
Fire Age	1-3 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Cattle



Species	Height (m)	% Cover
Acacia inaequilatera	4	0.5
Corchorus incanus subsp. *incanus*	0.6	0.5
Eragrostis desertorum	0.3	2
Triodia wiseana	0.3	35
**Aerva javanica*		+
Bulbostylis barbata		+
Dysphania rhadinostachya subsp. *inflata*		+
Euphorbia australis var. *subtomentosa*		+
Hibiscus sturtii var. *campylochlamys*		+
Indigofera linifolia		+
Senna artemisioides subsp. *oligophylla*		+
Senna symonii		+
Sida clementii		+
Solanum phlomoides		+
Tribulus hirsutus		+

Site EP65

Date	29/05/2024
Botanist	Megan Gray, Aishwarya Gujarathi
Quadrat Size	50 x 50 m
NW Corner Coordinates	800501.78 mE 7631004.95 mN
Vegetation Unit	**AiAaTe** - *Acacia inaequilatera* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Sparse Shrubland over *Acacia ancistrocarpa* and *Corchorus parviflorus* Isolated Mid Shrubs over *Triodia epactia* Mid Hummock Grassland.
Slope	Gentle
Landform	Plain
Soil Colour	Red brown
Soil Type	Loamy sand
Litter	1%
Bare Ground	80%
Fire Age	1-3 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Likely cattle presence, weeds



Species	Height (m)	% Cover
Grevillea pyramidalis subsp. *leucadendron*	3.5	3
Triodia epactia	0.6	20
Corchorus parviflorus	0.4	3
Acacia inaequilatera		+
Arivela viscosa		+
Boerhavia gardneri		+
Bonamia erecta		+
Bonamia linearis		+
Bonamia pilbarensis		+
Bulbostylis barbata		+
**Cenchrus ciliaris*		+
Cucumis variabilis		+
Euphorbia australis var. *subtomentosa*		+
Euploca heterantha		+
Goodenia microptera		+
Heliotropium murinum (P3)		+
Indigofera monophylla		+
Polycarpaea corymbosa var. *corymbosa*		+
Polycarpaea holtzei		+
Ptilotus auriculifolius		+
Rhynchosia minima		+
Schizachyrium fragile		+
Senna artemisioides subsp. *oligophylla*		+
Sida cardiophylla		+
**Solanum nigrum*		+
Solanum phlomoides		+
Sporobolus australasicus		+
Tephrosia sp. NW Eremaean (S. van Leeuwen et al. PBS 0356)		+
Trigastrotheca molluginea		+

Site EP66

Date	29/05/2024
Botanist	Taryn Brebner, Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	802678.91 mE 7625288.26 mN
Vegetation Unit	**AsPfTl** - *Acacia stellaticeps* and *Acacia inaequilatera* Low Sparse Shrubland over *Pluchea ferdinandi-muelleri* Isolated Mid Shrubs over *Triodia longiceps* and *Triodia wiseana* Mid Hummock Grassland.
Slope	Gentle
Landform	Plain
Soil Colour	Light brown
Soil Type	Sandy loam
Litter	0.5%
Bare Ground	4%
Fire Age	5-10 Years
Vegetation Condition	Good-Very Good
Disturbances/Impacts	Cattle



Species	Height (m)	% Cover
Hakea lorea subsp. *lorea*	3.5	0.5
Grevillea wickhamii subsp. *aprica*	3	1
Triodia epactia	0.7	25
Eragrostis desertorum	0.6	2
Triodia longiceps	0.5	2
Bonamia erecta	0.3	1
Acacia ancistrocarpa		+
Acacia stellaticeps		+
Aristida contorta		+
Aristida holathera var. *holathera*		+
Bonamia erecta		+
Cassytha filiformis		+
Corchorus walcottii		+
Cucumis variabilis		+
Eragrostis eriopoda		+
Euphorbia australis var. *subtomentosa*		+
Fimbristylis dichotoma		+
Goodenia microptera		+
Hibiscus sturtii var. *campylochlamys*		+
Indigofera colutea		+
Indigofera monophylla		+
Panicum australiense var. *australiense*		+
Paraneurachne muelleri		+
Pluchea ferdinandi-muelleri		+
Pluchea tetranthera		+
Polycarpaea longiflora		+
Rhynchosia minima		+
Senna notabilis		+
Sida clementii		+
Sida sp. Pilbara (A.A. Mitchell PRP 1543)		+
Trigastrotheca molluginea		+
Triumfetta chaetocarpa		+

Site EP67

Date	29/05/2024
Botanist	Taryn Brebner, Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	807707.37 mE 7623073.96 mN
Vegetation Unit	**AiCpTw** - *Acacia inaequilatera* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Isolated Shrubland over *Corchorus parviflorus* Low Sparse Shrubland over *Triodia wiseana* Low Hummock Grassland.
Slope	Gentle
Landform	Plain
Soil Colour	Dark brown
Soil Type	Sandy loam
Litter	0.1%
Bare Ground	25%
Fire Age	1-3 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Cattle



Species	Height (m)	% Cover
Acacia inaequilatera	3.5	5
Grevillea pyramidalis subsp. *leucadendron*	3	1
**Aerva javanica*	1	2
Triodia wiseana	0.25	30
Arivela viscosa		+
Boerhavia gardneri		+
Bulbostylis barbata		+
Corchorus parviflorus		+
Enneapogon caerulescens		+
Euphorbia australis var. *subtomentosa*		+
Gomphrena cunninghamii		+
Goodenia microptera		+
Heliotropium murinum (P3)		+
Indigofera colutea		+
Indigofera linifolia		+
Notoleptopus decaisnei		+
Polycarpaea longiflora		+
Portulaca oleracea		+
Ptilotus auriculifolius		+
Scaevola amblyanthera var. *centralis*		+
Senna notabilis		+
Senna symonii		+
Sida clementii		+
Tribulus hirsutus		+
Tribulus platypterus		+
Trigastrotheca molluginea		+

Site EP70r

Date	30/05/2024
Botanist	Taryn Brebner, Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	818202.86 mE 7627845.15 mN
Vegetation Unit	**EcMa** - *Eucalyptus camaldulensis subsp. refulgens* and *Melaleuca argentea* Open Mid Woodland over *Acacia sericophylla*, *Acacia trachycarpa*, *Melaleuca glomerata* and *Melaleuca linophylla* Tall Sparse Shrubland over **Cenchrus setiger* and *Triodia longiceps* Sparse Mid Tussock Grassland.
Slope	Gentle
Landform	Drainage
Soil Colour	Dark brown
Soil Type	Silty sand
Litter	0.5%
Bare Ground	1%
Fire Age	5-10 Years
Vegetation Condition	Degraded
Disturbances/Impacts	Cattle



Species	Height (m)	% Cover
Acacia eriopoda	5	0.5
Eucalyptus camaldulensis subsp. refulgens	4	0.5
Melaleuca glomerata	3.5	25
**Cenchrus ciliaris*	0.3	10
Eriachne tenuiculmis	0.2	3
Triodia wiseana	0.2	5
Afrohybanthus aurantiacus		+
Arivela viscosa		+
Atalaya hemiglauca		+
Boerhavia gardneri		+
Corchorus incanus subsp. *incanus*		+
Cymbopogon ambiguus		+
Cyperus vaginatus		+
Enneapogon caerulescens		+
Gomphrena cunninghamii		+
Gossypium australe		+
Indigofera colutea		+
Nellica maderaspatensis		+
Ptilotus auriculifolius		+
Rhynchosia minima		+
Senna glutinosa subsp. *glutinosa*		+
Senna symonii		+

Site EP71

Date	29/05/2024
Botanist	Megan Gray, Aishwarya Gujarathi
Quadrat Size	50 x 50 m
NW Corner Coordinates	813433 mE 7627023.46 mN
Vegetation Unit	**AiCpTe1** - *Corymbia hamersleyana* Low Isolated Trees over *Acacia inaequilatera, Grevillea pyramidalis* subsp. *leucadendron* and *Grevillea wickhamii* subsp. *hispidula* Tall Isolated Shrubland over *Triodia epactia* Open Mid Hummock Grassland.
Slope	Gentle
Landform	Plain
Soil Colour	Orange brown
Soil Type	Clay sand
Litter	0.2%
Bare Ground	60%
Fire Age	3-5 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Likely grazing



Species	Height (m)	% Cover
Corymbia hamersleyana	3	0.5
Grevillea wickhamii subsp. *hispidula*	2	2
Acacia inaequilatera	1.5	0.2
Triodia epactia	0.6	35
Acacia bivenosa		+
Acacia trachycarpa		+
Bonamia pilbarensis		+
Bulbostylis barbata		+
Corchorus laniflorus		+
Eriachne pulchella subsp. *Pulchella*		+
Fimbristylis dichotoma		+
Grevillea pyramidalis subsp. *leucadendron*		+
Pluchea tetranthera		+
Sida cardiophylla		+
Trigastrotheca molluginea		+

Site EP79

Date	30/05/2024
Botanist	Megan Gray, Sarah Beckwith, Aishwarya Gujarathi
Quadrat Size	50 x 50 m
NW Corner Coordinates	819373.55 mE 7631028.22 mN
Vegetation Unit	**AiAaTe** - *Acacia inaequilatera* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Sparse Shrubland over *Acacia ancistrocarpa* and *Corchorus parviflorus* Isolated Mid Shrubs over *Triodia epactia* Mid Hummock Grassland.
Slope	Gentle
Landform	Low Rise
Soil Colour	Orange brown
Soil Type	Loamy sand
Litter	0.5%
Bare Ground	40%
Fire Age	1-3 Years
Vegetation Condition	Excellent
Disturbances/Impacts	None



Species	Height (m)	% Cover
Grevillea pyramidalis subsp. *leucadendron*	5	1.5
Acacia inaequilatera	3.5	0.1
Grevillea wickhamii subsp. *hispidula*	3	2
Triodia epactia	0.8	60
Abutilon sp. Dioicum (A.A. Mitchell PRP 1618)		+
Aristida contorta		+
Arivela viscosa		+
Bonamia pilbarensis		+
Bonamia pilbarensis		+
Bulbostylis barbata		+
Corchorus parviflorus		+
Enneapogon caerulescens		+
Eriachne pulchella subsp. *Pulchella*		+
Euphorbia australis var. *subtomentosa*		+
Euphorbia tannensis subsp. *eremophila*		+
Fimbristylis dichotoma		+
Gomphrena cunninghamii		+
Gossypium australe		+
Polycarpaea corymbosa var. *corymbosa*		+
Polycarpaea holtzei		+
Rhynchosia minima		+
Senna notabilis		+
Solanum horridum		+
Tephrosia sp. Bungaroo Creek (M.E. Trudgen 11601)		+
Tephrosia sp. NW Eremaean (S. van Leeuwen et al. PBS 0356)		+
Tribulus platypterus		+
Trigastrotheca molluginea		+
Tripogonella loliiformis		+
Triumfetta clementii		+

Site EP80

Date	30/05/2024
Botanist	Taryn Brebner, Olga Nazarova
Quadrat Size	50 x 50 m
NW Corner Coordinates	818540.92 mE 7628488.8 mN
Vegetation Unit	**ChTl** - *Corymbia hamersleyana* Low Isolated Trees over Mixed *Acacia* spp. Tall Sparse Shrubland over *Triodia longiceps* and *Triodia wiseana* Low Open Hummock Grassland.
Slope	Moderate
Landform	Plain
Soil Colour	Dark brown
Soil Type	Loamy clay
Litter	0.1%
Bare Ground	0.1%
Fire Age	3-5 Years
Vegetation Condition	Good-Very Good
Disturbances/Impacts	Cattle



Species	Height (m)	% Cover
Corymbia hamersleyana	6	7.5
Acacia inaequilatera	2.5	0.5
Acacia bivenosa	1.5	0.5
Triodia wiseana	0.5	55
Afrohybanthus aurantiacus		+
Arivela viscosa		+
**Cenchrus ciliaris*		+
Corchorus incanus subsp. *incanus*		+
Crotalaria medicaginea var. *neglecta*		+
Euploca cunninghamii		+
Grevillea pyramidalis subsp. *leucadendron*		+
Indigofera linifolia		+
Swainsona sp. *2*		+

Site EP81

Date	30/05/2024
Botanist	Megan Gray, Sarah Beckwith, Aishwarya Gujarathi
Quadrat Size	50 x 50 m
NW Corner Coordinates	818388.67 mE 7631302.44 mN
Vegetation Unit	**AiAaTe** - *Acacia inaequilatera* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Sparse Shrubland over *Acacia ancistrocarpa* and *Corchorus parviflorus* Isolated Mid Shrubs over *Triodia epactia* Mid Hummock Grassland.
Slope	Gentle
Landform	On Undulating Plain With Outcrops Of Granite Boulders
Soil Colour	Orange brown
Soil Type	Loamy sand
Litter	0.5%
Bare Ground	60%
Fire Age	3-5 Years
Vegetation Condition	Excellent
Disturbances/Impacts	None



Species	Height (m)	% Cover
Acacia inaequilatera	3	0.5
Triodia epactia	0.5	40
Aristida contorta		+
Arivela viscosa		+
Boerhavia gardneri		+
Bonamia pilbarensis		+
Bulbostylis barbata		+
Corchorus parviflorus		+
Cymbopogon ambiguus		+
Dysphania kalpari		+
Enneapogon lindleyanus		+
Eriachne sp. Dugald River (B.K. Simon+ 3007)		+
Euphorbia australis var. *subtomentosa*		+
Euploca cunninghamii		+
Goodenia microptera		+
Gossypium australe		+
Grevillea pyramidalis subsp. *leucadendron*		+
Grevillea wickhamii subsp. *hispidula*		+
Heliotropium crispatum		+
Indigofera rugosa		+
Perotis rara		+
Polycarpaea corymbosa var. *corymbosa*		+
Polycarpaea holtzei		+
Portulaca oleracea		+
Schizachyrium fragile		+
Senna glutinosa subsp. *glutinosa*		+
Senna notabilis		+
Sida cardiophylla		+
Tephrosia sp. NW Eremaean (S. van Leeuwen et al. PBS 0356)		+
Tribulus hirsutus		+
Trigastrotheca molluginea		+
Eriachne mucronata		ASSOSS
Tinospora smilacina		ASSOSS

Site K02

Date	08/08/2024
Botanist	Aishwarya Gujarathi
Quadrat Size	50 x 50 m
NW Corner Coordinates	716069.06 mE, 7651243.69 mN
Vegetation Unit	**ElGwTw** - *Eucalyptus leucophloia* subsp. *leucophloia* and *Corymbia hamersleyana* Low Isolated Trees over *Grevillea wickhamii* and *Acacia inaequilatera* Tall Sparse Shrubland over *Triodia wiseana* Low Open Hummock Grassland.
Slope	Gentle
Landform	Mesa
Soil Colour	Brown
Soil Type	Clay loam
Litter	4%
Bare Ground	35%
Fire Age	3-5 Years
Vegetation Condition	Very Good-Excellent
Disturbances/Impacts	Nil



Species	Height (m)	% Cover
Eucalyptus leucophloia subsp. *leucophloia*	3.5	1
Acacia orthocarpa	1.2	35
Triodia wiseana	0.4	15
Acacia elachantha		+
Corymbia hamersleyana		+
Dampiera candicans		+
Goodenia stobbsiana		+
Grevillea wickhamii		+
Hakea lorea subsp. *lorea*		+
Petalostylis labicheoides		+
Sida cardiophylla		+
Sida sp. Articulation below (A.A. Mitchell PRP 1605)		+

Site K03

Date	08/08/2024
Botanist	Sarah Beckwith
Quadrat Size	50 x 50 m
NW Corner Coordinates	716296.35 mE, 7649785.22 mN
Vegetation Unit	**ElGwTw** - *Eucalyptus leucophloia* subsp. *leucophloia* and *Corymbia hamersleyana* Low Isolated Trees over *Grevillea wickhamii* and *Acacia inaequilatera* Tall Sparse Shrubland over *Triodia wiseana* Low Open Hummock Grassland.
Slope	Steep
Landform	Upper Slope
Soil Colour	Warm brown
Soil Type	Clay loam
Litter	0.5%
Bare Ground	45%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Sign of old fire



Species	Height (m)	% Cover
Acacia inaequilatera	3	2
Triodia brizoides	0.3	2
Triodia wiseana	0.3	50
Arivela viscosa		+
Boerhavia coccinea		+
Cajanus sp. *3*		+
Dolichocarpa crouchiana		+
Eriachne ciliata		+
Eriachne sp. *3*		+
Eucalyptus leucophloia subsp. *leucophloia*		+
Euphorbia careyi		+
Gomphrena cunninghamii		+
Goodenia muelleriana		+
Gossypium australe		+
Grevillea wickhamii		+
Indigofera monophylla		+
Polycarpaea holtzei		+
Polycarpaea longiflora		+
Ptilotus auriculifolius		+
Ptilotus incanus		+
Rhynchosia minima		+
Senna glutinosa subsp. *glutinosa*		+
Solanum lasiophyllum		+
Trichodesma zeylanicum		+
Triumfetta maconochieana		+
Triumfetta propinqua		+

Site K05

Date	11/08/2024
Botanist	Sarah Beckwith
Quadrat Size	50 x 50 m
NW Corner Coordinates	722976.50mE, 7650420.71 mN
Vegetation Unit	**ChTl** - *Corymbia hamersleyana* Low Isolated Trees over Mixed *Acacia* spp. Tall Sparse Shrubland over *Triodia longiceps* and *Triodia wiseana* Low Open Hummock Grassland.
Slope	Gentle
Landform	Undulating Hills
Soil Colour	Red-brown
Soil Type	Clay loam
Litter	0.1%
Bare Ground	66%
Fire Age	3-5 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Nil



Species	Height (m)	% Cover
Corymbia hamersleyana	6	0.5
Acacia inaequilatera	4	3
Triodia wiseana	0.4	33
Acacia trachycarpa		+
Afrohybanthus aurantiacus		+
Aristida contorta		+
Aristida holathera var. *holathera*		+
Corchorus incanus subsp. *incanus*		+
Crotalaria medicaginea var. *neglecta*		+
Eriachne pulchella subsp. *pulchella*		+
Grevillea pyramidalis subsp. *leucadendron*		+
Indigofera linifolia		+
Senna artemisioides subsp. *oligophylla*		+
Swainsona formosa		+
Swainsona stenodonta		+
Tephrosia sp. B Kimberley Flora (C.A. Gardner 7300)		+

Site K06

Date	11/08/2024
Botanist	Sarah Beckwith
Quadrat Size	50 x 50 m
NW Corner Coordinates	727038.94 mE, 7648903.22
Vegetation Unit	**AtAhTe** - *Acacia tumida* var. *pilbarensis* Tall Isolated Shrubs over *Acacia hilliana* Low Sparse Shrubland over *Triodia epactia* Open Mid Hummock Grassland.
Slope	Gentle
Landform	Undulating Hills
Soil Colour	Warm brown
Soil Type	Sandy loam
Litter	0.1%
Bare Ground	58%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Nil



Species	Height (m)	% Cover
Acacia orthocarpa	1.5	9
Acacia stellaticeps	1	11
Triodia epactia	0.5	16
Triodia wiseana	0.4	24
Acacia hilliana		+
Aristida contorta		+
Aristida holathera var. *holathera*		+
Calandrinia ? stagnensis		+
Corchorus incanus subsp. *incanus*		+
Eriachne ciliata		+
Eriachne pulchella subsp. *pulchella*		+
Eriachne sp. 2		+
Euphorbia australis var. *subtomentosa*		+
Fimbristylis sp.		+
Gomphrena cunninghamii		+
Gomphrena leptoclada subsp. *leptoclada*		+
Indigofera monophylla		+
Lepidium pedicellosum		+
Mitrasacme connata		+
Polycarpaea holtzei		+
Polycarpaea longiflora		+
Senna symonii		+
Synaptantha tillaeacea var. *tillaeacea*		+
Trachymene oleracea subsp. *oleracea*		+
Trigastrotheca molluginea		+
Triodia lanigera		+

Site K07

Date	11/08/2024
Botanist	Sarah Beckwith
Quadrat Size	50 x 50 m
NW Corner Coordinates	727484.86 mE, 7650375.62 mN
Vegetation Unit	**AtAhTe** - *Acacia tumida* var. *pilbarensis* Tall Isolated Shrubs over *Acacia hilliana* Low Sparse Shrubland over *Triodia epactia* Open Mid Hummock Grassland.
Slope	Gentle
Landform	Undulating Stony Plain
Soil Colour	Brown-yellow
Soil Type	Loamy sand
Litter	0.1%
Bare Ground	65%
Fire Age	3-5 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Old fire scar



Species	Height (m)	% Cover
Acacia orthocarpa	1.5	4
Acacia stellaticeps	0.5	6
Triodia epactia	0.5	22
Triodia wiseana	0.4	8
Acacia ampliceps		+
Acacia hilliana		+
Acacia trachycarpa		+
Cassytha sp. *3*		+
Corchorus incanus subsp. *incanus*		+
Corymbia hamersleyana		+
Fimbristylis sp.		+
Melaleuca ? linophylla		+
Sporobolus australasicus		+
Stemodia grossa		+
Streptoglossa decurrens		+

Site K08

Date	11/08/2024
Botanist	Sarah Beckwith
Quadrat Size	50 x 50 m
NW Corner Coordinates	752502.73 mE, 7645603.16
Vegetation Unit	**ElGwTw** - *Eucalyptus leucophloia* subsp. *leucophloia* and *Corymbia hamersleyana* Low Isolated Trees over *Grevillea wickhamii* and *Acacia inaequilatera* Tall Sparse Shrubland over *Triodia wiseana* Low Open Hummock Grassland.
Slope	Gentle
Landform	Upland Valley
Soil Colour	Brown
Soil Type	Clay loam
Litter	1%
Bare Ground	55%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Nil



Species	Height (m)	% Cover
Corymbia hamersleyana	5.5	1.5
Acacia inaequilatera	3.5	2
Acacia acradenia	1.8	35
Grevillea wickhamii	1.7	2
Triodia wiseana	0.4	45
Acacia ancistrocarpa		+
Acacia bivenosa		+
Acacia ptychophylla		+
Acacia pyrifolia var. *pyrifolia*		+
Arivela viscosa		+
Boerhavia coccinea		+
Bulbostylis barbata		+
Corchorus parviflorus		+
Dodonaea coriacea		+
Dolichocarpa crouchiana		+
Eriachne pulchella subsp. *pulchella*		+
Eucalyptus leucophloia subsp. *leucophloia*		+
Euphorbia tannensis subsp. *eremophila*		+
Gomphrena cunninghamii		+
Hakea lorea subsp. *lorea*		+
Indigofera monophylla		+
Notoleptopus decaisnei		+
Polycarpaea holtzei		+
Polygala isingii		+
Ptilotus auriculifolius		+
Ptilotus clementii		+
Rhynchosia minima		+
Senna artemisioides subsp. *oligophylla*		+
Senna glutinosa subsp. *glutinosa*		+
Senna symonii		+
Solanum lasiophyllum		+
Swainsona stenodonta		+
Trachymene oleracea subsp. *oleracea*		+
Tribulus platypterus		+

Site K09

Date	11/08/2024
Botanist	Megan Gray, Sarah Beckwith and Aishwarya Gujarathi
Quadrat Size	50 x 50 m
NW Corner Coordinates	755963.61 mE, 7645418.80 mN
Vegetation Unit	**EvMlTe** - *Eucalyptus victrix* Mid Woodland over *Melaleuca linophylla, Melaleuca glomerata* and *Acacia* spp. Tall Open Shrubland over *Triodia epactia, Triodia longiceps* and **Cenchrus ciliaris* Open Mid Hummock Grassland.
Slope	Gentle
Landform	Drainage Major
Soil Colour	Red-brown
Soil Type	Loamy sand
Litter	3%
Bare Ground	68%
Fire Age	5-10 Years
Vegetation Condition	Very Good-Excellent
Disturbances/Impacts	Weeds



Species	Height (m)	% Cover
Eucalyptus victrix	7	15
Grevillea wickhamii	3	2
Acacia tumida var. *pilbarensis*	3	3.5
Acacia pyrifolia var. *pyrifolia*	2.5	5
Eriachne sp. *2*	0.7	22
Triodia epactia	0.5	8
**Cenchrus ciliaris*	0.5	10
Acacia acradenia		+
Acacia bivenosa		+
Acacia trachycarpa		+
Acacia trachycarpa x tumida var. *pilbarensis*		+
Acacia tumida var. *pilbarensis*		+
Afrohybanthus aurantiacus		+
Amaranthus undulatus		+
Arivela viscosa		+
Atalaya hemiglauca		+
Boerhavia coccinea		+
Bonamia media		+
Cajanus pubescens		+
**Cenchrus ciliaris*		+
**Cenchrus setiger*		+
Chrysopogon fallax		+
Corchorus parviflorus		+
Corymbia hamersleyana		+
Crotalaria medicaginea var. *neglecta*		+
Cucumis variabilis		+
Cymbopogon obtectus		+
Dolichocarpa crouchiana		+
Enneapogon lindleyanus		+
Eragrostis cumingii		+
Eremophila longifolia		+
Eriachne sp. 2		+
Euphorbia australis var. *subtomentosa*		+
Euphorbia coghlanii		+
Euphorbia tannensis subsp. *eremophila*		+
Euploca cunninghamii		+
Gomphrena cunninghamii		+
Gossypium australe		+
Grevillea wickhamii		+
Hakea lorea subsp. *lorea*		+
Heliotropium crispatum		+
Indigofera monophylla		+
Melaleuca glomerata		+
Nellica maderaspatensis		+
Paspalidium basicladum		+
Pluchea dentex		+
Polycarpaea longiflora		+
Ptilotus astrolasius		+
Ptilotus auriculifolius		+
Ptilotus incanus		+
Rhynchosia minima		+

Senna glutinosa subsp. *glutinosa*		+
Senna notabilis		+
Sida echinocarpa		+
Solanum diversiflorum		+
Solanum horridum		+
Sporobolus australasicus		+
Stemodia grossa		+
Streptoglossa decurrens		+
Tephrosia rosea var. *clementii*		+
Tephrosia sp. Bungaroo Creek (M.E. Trudgen 11601)		+
Terminalia circumalata		+
Themeda triandra		+
Tribulus hirsutus		+
Trichodesma zeylanicum		+
Triodia longiceps		+

Site K10

Date	12/08/2024
Botanist	Megan Gray, Sarah Beckwith and Aishwarya Gujarathi
Quadrat Size	50 x 50 m
NW Corner Coordinates	763397.45 mE, 7646273.51 mN
Vegetation Unit	**ElAtTe** - *Eucalyptus leucophloia* subsp. *leucophloia* Low Isolated Trees over *Acacia inaequilatera* and *Acacia tumida* var. *pilbarensis* Tall Sparse Shrubland over *Triodia epactia* and *Triodia brizoides* Mid Hummock Grassland.
Slope	Moderate
Landform	Drainage Upland
Soil Colour	Yellow-brown
Soil Type	Skeletal loam
Litter	3%
Bare Ground	65%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Nil



Species	Height (m)	% Cover
Eucalyptus leucophloia subsp. *leucophloia*	6.5	0.3
Corymbia hamersleyana	3.5	0.2
Acacia tumida var. *pilbarensis*	2.6	1
Acacia eriopoda	2.2	12.5
Triodia epactia	0.4	35
Eriachne mucronata	0.3	2
Bulbostylis barbata		+
Dampiera candicans		+
Dysphania kalpari		+
Eriachne pulchella subsp. *pulchella*		+
Goodenia armitiana		+
Grevillea wickhamii		+
Polycarpaea holtzei		+
Portulaca oleracea		+
Ptilotus auriculifolius		+
Ptilotus fusiformis		+
Sporobolus australasicus		+
Trigastrotheca molluginea		+

Site K11

Date	12/08/2024
Botanist	Aishwarya Gujarathi
Quadrat Size	50 x 50 m
NW Corner Coordinates	770963.57 mE, 7637346.80 mN
Vegetation Unit	**EvMlTe** - *Eucalyptus victrix* Mid Woodland over *Melaleuca linophylla, Melaleuca glomerata* and *Acacia* spp. Tall Open Shrubland over *Triodia epactia, Triodia longiceps* and **Cenchrus ciliaris* Open Mid Hummock Grassland.
Slope	Gentle
Landform	Drainage
Soil Colour	Dark brown
Soil Type	Course sand
Litter	0.1%
Bare Ground	65%
Fire Age	>10 Years
Vegetation Condition	Good-Very Good
Disturbances/Impacts	Cattles and weeds



Species	Height (m)	% Cover
Eucalyptus victrix	8	3
Terminalia circumalata	5.5	1
Melaleuca glomerata	4	8
Acacia pyrifolia var. *pyrifolia*	2.2	1
Cyperus vaginatus	0.6	6
Eriachne sp. 2	0.5	3
Triodia epactia	0.4	4
**Cenchrus ciliaris*	0.3	6
Abutilon fraseri subsp. *fraseri*		+
Acacia ampliceps		+
Acacia eriopoda		+
Acacia trachycarpa		+
Acacia tumida var. *pilbarensis*		+
**Aerva javanica*		+
Alternanthera denticulata var. *denticulata*		+
Amaranthus undulatus		+
Ammannia baccifera		+
**Argemone ochroleuca* subsp. *ochroleuca*		+
Arivela viscosa		+
Atalaya hemiglauca		+
Boerhavia burbidgeana		+
Boerhavia coccinea		+
Cajanus pubescens		+
Calandrinia tepperiana		+
**Calotropis procera*		+
**Cenchrus setiger*		+
Centipeda minima subsp. *macrocephala*		+
Corchorus incanus subsp. *incanus*		+
Cymbopogon obtectus		+
Diplachne fusca subsp. *fusca*		+
Dolichocarpa crouchiana		+
Dysphania kalpari		+
Ehretia saligna var. *saligna*		+
Eragrostis cumingii		+
Eragrostis tenellula		+
Euphorbia australis var. *subtomentosa*		+
Euphorbia coghlanii		+
**Flaveria trinervia*		+
Flueggea virosa subsp. *melanthesoides*		+
Gomphrena cunninghamii		+
Gomphrena leptoclada subsp. *leptoclada*		+
Heliotropium crispatum		+
Marsilea hirsuta		+
Melaleuca linophylla		+
Nellica maderaspatensis		+
Operculina aequisepala		+
Petalostylis labicheoides		+
**Physalis angulata*		+
Pluchea rubelliflora		+
Polycarpaea longiflora		+
Polymeria ambigua		+

Portulaca filifolia		+
Potamogeton tepperi		+
Senna venusta		+
Sesbania cannabina		+
Solanum horridum		+
**Sonchus oleraceus*		+
Sporobolus australasicus		+
Stemodia grossa		+
Tephrosia rosea var. *clementii*		+
Trichodesma zeylanicum		+
Vigna lanceolata var. *lanceolata*		+

Site K13

Date	12/08/2024
Botanist	Megan Gray, Sarah Beckwith and Aishwarya Gujarathi
Quadrat Size	50 x 50 m
NW Corner Coordinates	789490.19 mE, 7638646.08 mN
Vegetation Unit	**ChTl** - *Corymbia hamersleyana* Low Isolated Trees over Mixed *Acacia* spp. Tall Sparse Shrubland over *Triodia longiceps* and *Triodia wiseana* Low Open Hummock Grassland.
Slope	Flat
Landform	Floodplain
Soil Colour	Brown
Soil Type	Sandy loam
Litter	1%
Bare Ground	80%
Fire Age	5-10 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Cattle tracks, scat, grazing and weeds



Species	Height (m)	% Cover
Acacia synchronicia	2.1	0.2
Triodia longiceps	1	15
Sclerolaena hostilis	0.9	8
Acacia bivenosa		+
Acacia pyrifolia var. *pyrifolia*		+
Alysicarpus muelleri		+
Arivela viscosa		+
**Cenchrus ciliaris*		+
**Cenchrus setiger*		+
Corymbia hamersleyana		+
Cucumis variabilis		+
Cullen pogonocarpum		+
Dactyloctenium radulans		+
Heliotropium crispatum		+
Indigofera colutea		+
Indigofera trita		+
Lepidium pedicellosum		+
Pluchea ferdinandi-muelleri		+
Pluchea rubelliflora		+
Portulaca oleracea		+
Rhynchosia minima		+
Senna notabilis		+
Sida fibulifera		+
Solanum diversiflorum		+
Sporobolus australasicus		+
Tribulus hirsutus		+

Site K14

Date	12/08/2024
Botanist	Sarah Beckwith
Quadrat Size	50 x 50 m
NW Corner Coordinates	(795875.30 mE, 7630018.81 mN
Vegetation Unit	**ChTl** - *Corymbia hamersleyana* Low Isolated Trees over Mixed *Acacia* spp. Tall Sparse Shrubland over *Triodia longiceps* and *Triodia wiseana* Low Open Hummock Grassland.
Slope	Gentle
Landform	Floodplain
Soil Colour	Orange-brown
Soil Type	Clay loam
Litter	0.1%
Bare Ground	80%
Fire Age	3-5 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Cattle tracks and scat



Species	Height (m)	% Cover
Eragrostis eriopoda	1	1
Triodia wiseana	0.4	20
Acacia inaequilatera		+
Arivela viscosa		+
Bulbostylis barbata		+
Corchorus parviflorus		+
Corymbia hamersleyana		+
Dolichocarpa crouchiana		+
Dysphania sphaerosperma		+
Euploca pachyphylla		+
Goodenia muelleriana		+
Grevillea pyramidalis subsp. *leucadendron*		+
Indigofera colutea		+
Indigofera linifolia		+
Portulaca oleracea		+
Ptilotus auriculifolius		+
Senna artemisioides subsp. *oligophylla*		+
Solanum phlomoides		+
Stackhousia muricata		+
Swainsona stenodonta		+
Tripogonella loliiformis		+

Site K15

Date	12/08/2024
Botanist	Megan Gray, Sarah Beckwith and Aishwarya Gujarathi
Quadrat Size	50 x 50 m
NW Corner Coordinates	798845.69 mE, 7631603.62 mN
Vegetation Unit	**AiAaTe** - *Acacia inaequilatera* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Sparse Shrubland over *Acacia ancistrocarpa* and *Corchorus parviflorus* Isolated Mid Shrubs over *Triodia epactia* Mid Hummock Grassland.
Slope	Gentle
Landform	Plain
Soil Colour	Orange
Soil Type	Loamy sand
Litter	0.8%
Bare Ground	76%
Fire Age	3-5 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Cattle tracks and scat



Species	Height (m)	% Cover
Grevillea pyramidalis subsp. *leucadendron*	2.5	1.5
Acacia inaequilatera	2.2	0.1
Triodia epactia	0.6	32
Aristida contorta		+
Arivela viscosa		+
Boerhavia coccinea		+
Bonamia linearis		+
Bulbostylis barbata		+
Chrysopogon fallax		+
Corchorus laniflorus		+
Corchorus parviflorus		+
Cucumis variabilis		+
Cymbopogon ambiguus		+
Dysphania kalpari		+
Enneapogon polyphyllus		+
Eragrostis eriopoda		+
Euphorbia australis var. *subtomentosa*		+
Euploca pachyphylla		+
Gomphrena leptoclada subsp. *leptoclada*		+
Goodenia armitiana		+
Indigofera monophylla		+
Josephinia sp. Mt Edgar Station (N.T. Burbidge 1194)		+
Paraneurachne muelleri		+
Pluchea tetranthera		+
Polycarpaea holtzei		+
Portulaca oleracea		+
Ptilotus auriculifolius		+
Senna notabilis		+
Sida cardiophylla		+
Sida sp. Pilbara (A.A. Mitchell PRP 1543)		+
Solanum phlomoides		+
Synaptantha tillaeacea var. *tillaeacea*		+
Tephrosia sp. NW Eremaean (S. van Leeuwen et al. PBS 0356)		+
Tribulus hirsutus		+
Trigastrotheca molluginea		+
Triumfetta propinqua		+

Site K17

Date	13/08/2024
Botanist	Sarah Beckwith
Quadrat Size	50 x 50 m
NW Corner Coordinates	805497.22 mE, 7626743.68 mN
Vegetation Unit	**AtTe2** - *Acacia trachycarpa* Open Shrubland over *Triodia epactia* Low Hummock Grassland.
Slope	Gentle
Landform	Floodplain
Soil Colour	Orange
Soil Type	Sandy loam
Litter	0.3%
Bare Ground	65%
Fire Age	3-5 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Cattle tracks and scat



Species	Height (m)	% Cover
Acacia trachycarpa	1.6	15
Triodia epactia	0.6	38
**Aerva javanica*		+
Aristida contorta		+
Aristida holathera var. *holathera*		+
Arivela viscosa		+
Boerhavia coccinea		+
Bonamia erecta		+
Bonamia media		+
Bulbostylis barbata		+
Bulbostylis barbata		+
Corchorus parviflorus		+
Cucumis variabilis		+
Enneapogon caerulescens		+
Enneapogon polyphyllus		+
Eragrostis eriopoda		+
Eriachne aristidea		+
Euphorbia australis var. *subtomentosa*		+
Evolvulus alsinoides var. *villosicalyx*		+
Goodenia armitiana		+
Indigofera monophylla		+
Polycarpaea holtzei		+
Portulaca oleracea		+
Ptilotus auriculifolius		+
Rhynchosia minima		+
Senna notabilis		+
Sida cardiophylla		+
Sida echinocarpa		+
Solanum diversiflorum		+
Solanum phlomoides		+
Swainsona stenodonta		+
Tephrosia sp. NW Eremaean (S. van Leeuwen et al. PBS 0356)		+
Trigastrotheca molluginea		+
Triumfetta propinqua		+

Site K18

Date	13/08/2024
Botanist	Sarah Beckwith
Quadrat Size	50 x 50 m
NW Corner Coordinates	806473.81 mE, 7619545.91 mN
Vegetation Unit	**AiCpTe2** - *Acacia inaequilatera, Acacia ancistrocarpa* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Sparse Shrubland over *Corchorus parviflorus* Low Isolated Shrubs over *Triodia epactia* Mid Hummock Grassland.
Slope	Flat
Landform	Plain
Soil Colour	Orange
Soil Type	Clay loam
Litter	0.5%
Bare Ground	76%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Cattle tracks and scat



Species	Height (m)	% Cover
Acacia ancistrocarpa	4	5
Acacia inaequilatera	3.5	3
Grevillea wickhamii	2.5	2
Triodia epactia	0.5	32
Arivela viscosa		+
Bonamia erecta		+
Bulbostylis barbata		+
Corchorus parviflorus		+
Crotalaria medicaginea var. *neglecta*		+
Cucumis variabilis		+
Cullen pogonocarpum		+
Euphorbia australis var. *subtomentosa*		+
Evolvulus alsinoides var. *villosicalyx*		+
Goodenia armitiana		+
Goodenia muelleriana		+
Gossypium australe		+
Hakea lorea subsp. *lorea*		+
Polycarpaea holtzei		+
Polygala isingii		+
Ptilotus auriculifolius		+
Rhynchosia minima		+
Senna notabilis		+
Solanum phlomoides		+
Tephrosia sp. NW Eremaean (S. van Leeuwen et al. PBS 0356)		+
Trichodesma zeylanicum		+
Tripogonella loliiformis		+
Triumfetta clementii		+
Triumfetta propinqua		+

Site K20

Date	13/08/2024
Botanist	Sarah Beckwith
Quadrat Size	50 x 50 m
NW Corner Coordinates	814448.51 mE, 7624441.59 mN
Vegetation Unit	**EvMlTe** - *Eucalyptus victrix* Mid Woodland over *Melaleuca linophylla, Melaleuca glomerata* and *Acacia* spp. Tall Open Shrubland over *Triodia epactia, Triodia longiceps* and **Cenchrus ciliaris* Open Mid Hummock Grassland.
Slope	Gentle
Landform	Drainage Major
Soil Colour	Cream brown
Soil Type	Loamy sand
Litter	6%
Bare Ground	80%
Fire Age	>10 Years
Vegetation Condition	Very Good-Excellent
Disturbances/Impacts	Cattle and weeds



Species	Height (m)	% Cover
Eucalyptus victrix	9	18
Atalaya hemiglauca	6	7
Melaleuca glomerata	5	5
Acacia pyrifolia var. *pyrifolia*	4	6
Eriachne sp. 4	0.7	5
Triodia wiseana	0.4	1
Cyperus vaginatus	0.4	2
**Cenchrus ciliaris*	0.2	15
Acacia trachycarpa		+
Boerhavia coccinea		+
**Cenchrus setiger*		+
Corchorus parviflorus		+
Cucumis variabilis		+
Cymbopogon obtectus		+
Enneapogon lindleyanus		+
Euphorbia australis var. *subtomentosa*		+
Euphorbia coghlanii		+
Euphorbia tannensis subsp. *eremophila*		+
Grevillea pyramidalis subsp. *leucadendron*		+
Grevillea wickhamii		+
**Malvastrum americanum*		+
Nellica maderaspatensis		+
Notoleptopus decaisnei		+
Pluchea tetranthera		+
Portulaca oleracea		+
Sida rohlenae subsp. *rohlenae*		+
Solanum horridum		+
Triumfetta chaetocarpa		+
Vigna lanceolata var. *lanceolata*		+

Site K21

Date	10/08/2024
Botanist	Megan Gray, Sarah Beckwith and Aishwarya Gujarathi
Quadrat Size	50 x 50 m
NW Corner Coordinates	818134.54 mE, 7627287.26 mN
Vegetation Unit	**ChTl** - *Corymbia hamersleyana* Low Isolated Trees over Mixed *Acacia* spp. Tall Sparse Shrubland over *Triodia longiceps* and *Triodia wiseana* Low Open Hummock Grassland.
Slope	Gentle
Landform	Stony Plain
Soil Colour	Light brown
Soil Type	Sandy loamy clay
Litter	0.1%
Bare Ground	38%
Fire Age	>10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Cattle tracks



Species	Height (m)	% Cover
Corymbia hamersleyana	6.5	1
Acacia bivenosa	3	1.5
Indigofera deserticola	1.3	0.8
Triodia wiseana	0.6	62
Chrysopogon fallax	0.5	8
Acacia orthocarpa		+
Arivela viscosa		+
Bonamia pilbarensis		+
Cassytha sp. *3*		+
Corchorus parviflorus		+
Euploca cunninghamii		+
Euploca tenuifolia		+
Nellica maderaspatensis		+
Polygala isingii		+
Portulaca oleracea		+
Pterocaulon serrulatum var. *velutinum*		+
Ptilotus auriculifolius		+
Scaevola amblyanthera var. *centralis*		+
Senna symonii		+
Solanum horridum		+
Sporobolus australasicus		+
Stackhousia muricata		+
Swainsona stenodonta		+
Trachymene oleracea subsp. *oleracea*		+
Tribulus hirsutus		+
Triumfetta clementii		+

Site K22r

Date	10/08/2024
Botanist	Megan Gray
Quadrat Size	50 x 50 m
NW Corner Coordinates	819968.35 mE, 7628894.72 mN
Vegetation Unit	**EcMa** - *Eucalyptus camaldulensis subsp. refulgens* and *Melaleuca argentea* Open Mid Woodland over *Acacia sericophylla*, *Acacia trachycarpa*, *Melaleuca glomerata* and *Melaleuca linophylla* Tall Sparse Shrubland over **Cenchrus setiger* and *Triodia longiceps* Sparse Mid Tussock Grassland.
Slope	Gentle
Landform	Drainage Medium
Soil Colour	Orange
Soil Type	Sand
Litter	3%
Bare Ground	60%
Fire Age	5-10 Years
Vegetation Condition	Degraded
Disturbances/Impacts	Cattle grazing and weeds



Species	Height (m)	% Cover
Eucalyptus camaldulensis	10.5	15
Melaleuca glomerata	3.5	5
Cyperus vaginatus	0.8	0.5
Eriachne sp. *2*	0.8	1
**Cenchrus setiger*	0.1	20
Acacia eriopoda		+
Acacia pyrifolia var. *pyrifolia*		+
Acacia trachycarpa		+
Afrohybanthus aurantiacus		+
Alysicarpus muelleri		+
Arivela viscosa		+
Atalaya hemiglauca		+
Bonamia pilbarensis		+
**Cenchrus ciliaris*		+
Cullen lachnostachys		+
Euphorbia australis var. *subtomentosa*		+
Euphorbia coghlanii		+
Evolvulus alsinoides var. *villosicalyx*		+
Flueggea virosa subsp. *melanthesoides*		+
Heliotropium crispatum		+
Indigofera linifolia		+
Josephinia sp. Mt Edgar Station (N.T. Burbidge 1194)		+
Nellica maderaspatensis		+
Notoleptopus decaisnei		+
Operculina aequisepala		+
Polymeria ambigua		+
Ptilotus auriculifolius		+
Rhynchosia minima		+
Senna notabilis		+
Sesbania cannabina		+
Solanum horridum		+
Solanum phlomoides		+
Sporobolus australasicus		+
Swainsona formosa		+
Swainsona stenodonta		+
Tephrosia sp. NW Eremaean (S. van Leeuwen et al. PBS 0356)		+
Trigastrotheca molluginea		+

Site K23

Date	10/08/2024
Botanist	Sarah Beckwith
Quadrat Size	50 x 50 m
NW Corner Coordinates	816715.47 mE, 7629450.18 mN
Vegetation Unit	**EcMa** - *Eucalyptus camaldulensis subsp. refulgens* and *Melaleuca argentea* Open Mid Woodland over *Acacia sericophylla*, *Acacia trachycarpa*, *Melaleuca glomerata* and *Melaleuca linophylla* Tall Sparse Shrubland over **Cenchrus setiger* and *Triodia longiceps* Sparse Mid Tussock Grassland.
Slope	Gentle
Landform	Drainage
Soil Colour	Red-orange
Soil Type	Sand
Litter	7%
Bare Ground	42%
Fire Age	5-10 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Cattle tracks and weeds



Species	Height (m)	% Cover
Eucalyptus camaldulensis	6	12
Melaleuca glomerata	5	22
Cyperus vaginatus	0.8	10
Eriachne sp. 2	0.6	7
**Cenchrus ciliaris*	0.5	30
**Cenchrus setiger*	0.4	10
Abutilon lepidum		+
Acacia pyrifolia var. *pyrifolia*		+
Arivela viscosa		+
Boerhavia coccinea		+
Chrysopogon fallax		+
Corchorus parviflorus		+
Crotalaria medicaginea var. *neglecta*		+
Cymbopogon ambiguus		+
Enneapogon lindleyanus		+
Euphorbia australis var. *subtomentosa*		+
Euphorbia tannensis subsp. *eremophila*		+
Gossypium australe		+
Indigofera linifolia		+
Nellica maderaspatensis		+
Notoleptopus decaisnei		+
Polymeria ambigua		+
Rhynchosia minima		+
Senna glutinosa subsp. *glutinosa*		+
Solanum horridum		+
Solanum phlomoides		+
Stemodia grossa		+
Tephrosia sp. Bungaroo Creek (M.E. Trudgen 11601)		+
Themeda triandra		+

Site K24

Date	10/08/2024
Botanist	Megan Gray, Sarah Beckwith and Aishwarya Gujarathi
Quadrat Size	50 x 50 m
NW Corner Coordinates	815672.26 mE, 7630831.22 mN
Vegetation Unit	**AiCpTe1** - *Corymbia hamersleyana* Low Isolated Trees over *Acacia inaequilatera, Grevillea pyramidalis* subsp. *leucadendron* and *Grevillea wickhamii* subsp. *hispidula* Tall Isolated Shrubland over *Triodia epactia* Open Mid Hummock Grassland.
Slope	Moderate
Landform	Undulating Hills
Soil Colour	Red-brown
Soil Type	Loam
Litter	0.1%
Bare Ground	60%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Cattle scat



Species	Height (m)	% Cover
Corymbia hamersleyana	4.5	0.1
Grevillea wickhamii	2	0.1
Acacia orthocarpa	1.6	0.1
Acacia inaequilatera		+
Boerhavia coccinea		+
Bulbostylis barbata		+
Enneapogon polyphyllus		+
Fimbristylis sp.		+
Grevillea pyramidalis subsp. *leucadendron*		+
Indigofera deserticola		+
Senna glutinosa subsp. *glutinosa*		+
Sporobolus australasicus		+
Swainsona stenodonta		+
Triodia epactia		+

Site K25

Date	10/08/2024
Botanist	Sarah Beckwith
Quadrat Size	50 x 50 m
NW Corner Coordinates	822272.09 mE, 7638794.06 mN
Vegetation Unit	**AiAaTe** - *Acacia inaequilatera* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Sparse Shrubland over *Acacia ancistrocarpa* and *Corchorus parviflorus* Isolated Mid Shrubs over *Triodia epactia* Mid Hummock Grassland.
Slope	Gentle
Landform	Floodplain flowline
Soil Colour	Red-brown
Soil Type	Sandy loam
Litter	9%
Bare Ground	45%
Fire Age	5-10 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Waterstress (dieoff), cattle grazing



Species	Height (m)	% Cover
Grevillea pyramidalis subsp. *leucadendron*	3	5
Acacia inaequilatera	2.5	0.5
Triodia epactia	0.6	29
**Cenchrus ciliaris*	0.4	20
Abutilon lepidum		+
Acacia ancistrocarpa		+
Acacia pyrifolia var. *pyrifolia*		+
Aristida contorta		+
Arivela viscosa		+
Boerhavia coccinea		+
Bonamia media		+
Bulbostylis barbata		+
**Cenchrus setiger*		+
Corchorus parviflorus		+
Crotalaria medicaginea var. *neglecta*		+
Cucumis variabilis		+
Cullen lachnostachys		+
Cullen leucanthum		+
Cullen pogonocarpum		+
Dactyloctenium radulans		+
Enneapogon polyphyllus		+
Euphorbia australis var. *subtomentosa*		+
Evolvulus alsinoides var. *villosicalyx*		+
Fimbristylis sp.		+
Goodenia armitiana		+
Gossypium australe		+
Indigofera colutea		+
Indigofera monophylla		+
Iseilema dolichotrichum		+
Perotis rara		+
Pluchea ferdinandi-muelleri		+
Portulaca oleracea		+
Ptilotus auriculifolius		+
Senna notabilis		+
Solanum diversiflorum		+
Trigastrotheca molluginea		+

Site K26

Date	09/08/2024
Botanist	Megan Gray, Sarah Beckwith and Aishwarya Gujarathi
Quadrat Size	50 x 50 m
NW Corner Coordinates	819367.27 mE, 7637603.78 mN
Vegetation Unit	**EcMa** - *Eucalyptus camaldulensis subsp. refulgens* and *Melaleuca argentea* Open Mid Woodland over *Acacia sericophylla*, *Acacia trachycarpa*, *Melaleuca glomerata* and *Melaleuca linophylla* Tall Sparse Shrubland over **Cenchrus setiger* and *Triodia longiceps* Sparse Mid Tussock Grassland.
Slope	Gentle
Landform	Drainage Major
Soil Colour	Pale orange
Soil Type	Sand
Litter	4%
Bare Ground	70%
Fire Age	>10 Years
Vegetation Condition	Good-Very Good
Disturbances/Impacts	Cattle and weeds.



Species	Height (m)	% Cover
Eucalyptus camaldulensis subsp. *refulgens*	8	8
Acacia eriopoda	4	2
Acacia trachycarpa	2.5	12
Cyperus vaginatus	0.6	3
Triodia longiceps	0.6	11
**Cenchrus ciliaris*	0.2	4
Acacia pyrifolia var. *pyrifolia*		+
**Aerva javanica*		+
Afrohybanthus aurantiacus		+
Alternanthera denticulata var. *denticulata*		+
Alysicarpus muelleri		+
Amaranthus undulatus		+
**Argemone ochroleuca* subsp. *ochroleuca*		+
Arivela viscosa		+
Atalaya hemiglauca		+
Boerhavia coccinea		+
Bulbostylis barbata		+
Calandrinia tepperiana		+
Corchorus parviflorus		+
Crotalaria cunninghamii subsp. *sturtii*		+
**Cucumis myriocarpus* subsp. *myriocarpus*		+
Cucumis variabilis		+
Dactyloctenium radulans		+
Dichrostachys spicata		+
Dysphania sphaerosperma		+
Eragrostis cumingii		+
Eragrostis tenellula		+
Eremophila latrobei subsp. *latrobei*		+
Euphorbia australis var. *subtomentosa*		+
Euphorbia coghlanii		+
Euploca tenuifolia		+
Hibiscus austrinus var. *austrinus*		+
Indigofera colutea		+
Ipomoea muelleri		+
Melaleuca glomerata		+
Melaleuca linophylla		+
Nellica maderaspatensis		+
Nicotiana occidentalis		+
Petalostylis labicheoides		+
**Physalis angulata*		+
Pluchea ferdinandi-muelleri		+
Pluchea rubelliflora		+
Portulaca oleracea		+
Sesbania cannabina		+
Solanum diversiflorum		+
Stemodia grossa		+
Triumfetta chaetocarpa		+
Vigna lanceolata var. *lanceolata*		+
Waltheria indica		+

Site K27

Date	09/08/2024
Botanist	Aishwarya Gujarathi
Quadrat Size	50 x 50 m
NW Corner Coordinates	817898.55 mE, 7638324.48 mN
Vegetation Unit	**AiCpTw** - *Acacia inaequilatera* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Isolated Shrubland over *Corchorus parviflorus* Low Sparse Shrubland over *Triodia wiseana* Low Hummock Grassland.
Slope	Gentle
Landform	Plain
Soil Colour	Dark brown
Soil Type	Clay loam
Litter	1%
Bare Ground	35%
Fire Age	5-10 Years
Vegetation Condition	Very Good-Excellent
Disturbances/Impacts	Cattles



Species	Height (m)	% Cover
Grevillea pyramidalis subsp. *leucadendron*	4	1.5
Corchorus parviflorus	0.4	2
Triodia epactia	0.4	60
Triodia wiseana	0.3	4
Abutilon lepidum		+
Acacia inaequilatera		+
Alysicarpus muelleri		+
Aristida contorta		+
Arivela viscosa		+
Boerhavia coccinea		+
Bulbostylis barbata		+
Cullen pogonocarpum		+
Enneapogon caerulescens		+
Enneapogon polyphyllus		+
Eragrostis eriopoda		+
Eriachne pulchella subsp. *pulchella*		+
Euphorbia australis var. *subtomentosa*		+
Euploca cunninghamii		+
Euploca pachyphylla		+
Euploca tanythrix		+
Goodenia armitiana		+
Gossypium australe		+
Heliotropium murinum (P3)		+
Indigofera colutea		+
Indigofera linifolia		+
Polycarpaea holtzei		+
Polycarpaea holtzei		+
Polygala isingii		+
Polymeria ambigua		+
Pterocaulon serrulatum var. *velutinum*		+
Ptilotus auriculifolius		+
Ptilotus axillaris		+
Rhynchosia minima		+
Senna notabilis		+
Solanum diversiflorum		+
Sporobolus australasicus		+
Streptoglossa decurrens		+
Synaptantha tillaeacea var. *tillaeacea*		+
Tephrosia sp. Newman (A.A. Mitchell PRP 29)		+
Tephrosia sp. NW Eremaean (S. van Leeuwen et al. PBS 0356)		+
Tribulus occidentalis		+
Trigastrotheca molluginea		+
Tripogonella loliiformis		+
Triumfetta chaetocarpa		+

Site K28

Date	09/08/2024
Botanist	Sarah Beckwith
Quadrat Size	50 x 50 m
NW Corner Coordinates	833359.74 mE, 7641876.90 mN
Vegetation Unit	**AiAaTe** - *Acacia inaequilatera* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Sparse Shrubland over *Acacia ancistrocarpa* and *Corchorus parviflorus* Isolated Mid Shrubs over *Triodia epactia* Mid Hummock Grassland.
Slope	Gentle
Landform	Plain
Soil Colour	Warm brown
Soil Type	Sandy loam
Litter	4%
Bare Ground	55%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Cattle grazing and scat



Species	Height (m)	% Cover
Acacia inaequilatera	3	5
Acacia ancistrocarpa	2.5	1
Chrysopogon fallax	0.8	2.5
Aristida inaequiglumis	0.7	6
Triodia epactia	0.6	35
Abutilon lepidum		+
Acacia colei var. *colei*		+
Aristida contorta		+
Aristida holathera var. *holathera*		+
Bonamia erecta		+
Bulbostylis barbata		+
Cajanus pubescens		+
**Cenchrus ciliaris*		+
Cucumis variabilis		+
Cullen leucanthum		+
Cullen stipulaceum		+
Cymbopogon ambiguus		+
Enneapogon lindleyanus		+
Eragrostis eriopoda		+
Eriachne obtusa		+
Euphorbia australis var. *subtomentosa*		+
Evolvulus alsinoides var. *villosicalyx*		+
Gossypium australe		+
Hakea lorea subsp. *lorea*		+
Iseilema dolichotrichum		+
Josephinia sp. Mt Edgar Station (N.T. Burbidge 1194)		+
Senna notabilis		+
Sida rohlenae subsp. *rohlenae*		+
Solanum diversiflorum		+
Solanum lasiophyllum		+
Sporobolus australasicus		+
Triumfetta chaetocarpa		+

Site K29

Date	09/08/2024
Botanist	Sarah Beckwith
Quadrat Size	50 x 50 m
NW Corner Coordinates	826057.92 mE, 7645817.86 mN
Vegetation Unit	**AiAaTe** - *Acacia inaequilatera* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Sparse Shrubland over *Acacia ancistrocarpa* and *Corchorus parviflorus* Isolated Mid Shrubs over *Triodia epactia* Mid Hummock Grassland.
Slope	Gentle
Landform	Plain
Soil Colour	Orange
Soil Type	Clay loam
Litter	0.1%
Bare Ground	52%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Cattle



Species	Height (m)	% Cover
Grevillea pyramidalis subsp. *leucadendron*	4	1
Grevillea wickhamii	3.5	1
Triodia epactia	0.5	36
Acacia ancistrocarpa		+
Acacia inaequilatera		+
Aristida contorta		+
Aristida holathera var. *holathera*		+
Arivela viscosa		+
Bulbostylis barbata		+
Cajanus pubescens		+
**Cenchrus ciliaris*		+
Chrysopogon fallax		+
Corchorus parviflorus		+
Euploca tanythrix		+
Evolvulus alsinoides var. *villosicalyx*		+
Goodenia armitiana		+
Gossypium australe		+
Indigofera monophylla		+
Polycarpaea holtzei		+
Polymeria ambigua		+
Ptilotus calostachyus		+
Solanum phlomoides		+
Tephrosia sp. 2		+
Tephrosia sp. Bungaroo Creek (M.E. Trudgen 11601)		+
Tephrosia sp. Newman (A.A. Mitchell PRP 29)		+
Tribulus occidentalis		+
Trigastrotheca molluginea		+
Tripogonella loliiformis		+

Site K30

Date	10/08/2024
Botanist	Sarah Beckwith
Quadrat Size	50 x 50 m
NW Corner Coordinates	820830.74 mE, 7643534.42 mN
Vegetation Unit	**AiCpTw** - *Acacia inaequilatera* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Isolated Shrubland over *Corchorus parviflorus* Low Sparse Shrubland over *Triodia wiseana* Low Hummock Grassland.
Slope	Gentle
Landform	Hill Crest
Soil Colour	Orange-brown-grey
Soil Type	Clay loam
Litter	0.1%
Bare Ground	60%
Fire Age	3-5 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Cattle scat



Species	Height (m)	% Cover
Grevillea wickhamii	3	0.5
Acacia inaequilatera	3	3
Triodia wiseana	0.3	42
Arivela viscosa		+
Bulbostylis barbata		+
Corchorus parviflorus		+
**Eragrostis minor*		+
Euphorbia australis var. *subtomentosa*		+
Gossypium australe		+
Indigofera linifolia		+
Indigofera rugosa		+
Pluchea ferdinandi-muelleri		+
Pluchea tetranthera		+
Portulaca oleracea		+
Streptoglossa decurrens		+
Swainsona stenodonta		+
Tribulus hirsutus		+
Tribulus platypterus		+

Site K31

Date	09/08/2024
Botanist	Sarah Beckwith
Quadrat Size	50 x 50 m
NW Corner Coordinates	828868.40 mE, 7640691.39 mN
Vegetation Unit	**AiCpTw** - *Acacia inaequilatera* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Isolated Shrubland over *Corchorus parviflorus* Low Sparse Shrubland over *Triodia wiseana* Low Hummock Grassland.
Slope	Gentle
Landform	Plain
Soil Colour	Grey-brown
Soil Type	Clay loam
Litter	0.1%
Bare Ground	38%
Fire Age	5-10 Years
Vegetation Condition	Excellent
Disturbances/Impacts	Cattle grazing



Species	Height (m)	% Cover
Acacia inaequilatera	3	2.5
Triodia wiseana	0.4	60
Grevillea pyramidalis subsp. *leucadendron*		+
Indigofera rugosa		+
Triodia wiseana		+
Abutilon lepidum		
**Cenchrus setiger*		
Corchorus parviflorus		
Enneapogon caerulescens		
Euphorbia australis var. *subtomentosa*		
Euphorbia coghlanii		
Indigofera linifolia		
Paspalidium clementii		
Pluchea ferdinandi-muelleri		
Polygala isingii		

Site K32

Date	14/08/2024
Botanist	Megan Gray
Quadrat Size	50 x 50 m
NW Corner Coordinates	820467.00 mE, 7640350.67 mN
Vegetation Unit	**AiAaTe** - *Acacia inaequilatera* and *Grevillea pyramidalis* subsp. *leucadendron* Tall Sparse Shrubland over *Acacia ancistrocarpa* and *Corchorus parviflorus* Isolated Mid Shrubs over *Triodia epactia* Mid Hummock Grassland.
Slope	Gentle
Landform	Floodplain
Soil Colour	Brown
Soil Type	Clay loam
Litter	5%
Bare Ground	30%
Fire Age	5-10 Years
Vegetation Condition	Very Good
Disturbances/Impacts	Cattle and weeds



Species	Height (m)	% Cover
Acacia inaequilatera	3.5	0.3
Grevillea pyramidalis subsp. *leucadendron*	2.5	0.2
Triodia epactia	1	6
Abutilon lepidum		+
Acacia holosericea		+
Acacia trachycarpa		+
Alysicarpus muelleri		+
Aristida contorta		+
Arivela viscosa		+
Bonamia pannosa		+
Bulbostylis barbata		+
**Cenchrus ciliaris*		+
Corchorus incanus subsp. *incanus*		+
Corchorus parviflorus		+
Crotalaria medicaginea var. *neglecta*		+
Cucumis melo		+
Cucumis variabilis		+
Cullen pogonocarpum		+
Cymbopogon ambiguus		+
Dysphania kalpari		+
Enneapogon polyphyllus		+
Eragrostis eriopoda		+
Eriachne obtusa		+
Euphorbia australis var. *subtomentosa*		+
Evolvulus alsinoides var. *villosicalyx*		+
Goodenia armitiana		+
Goodenia muelleriana		+
Gossypium australe		+
Indigofera colutea		+
Indigofera linifolia		+
Indigofera linnaei		+
Josephinia sp. Mt Edgar Station (N.T. Burbidge 1194)		+
Perotis rara		+
Polymeria ambigua		+
Pterocaulon serrulatum var. *velutinum*		+
Ptilotus auriculifolius		+
Rhynchosia minima		+
Senna notabilis		+
Sida echinocarpa		+
Sida sp. Pilbara (A.A. Mitchell PRP 1543)		+
Solanum diversiflorum		+
Solanum horridum		+
Sporobolus australasicus		+
Synaptantha tillaeacea var. *tillaeacea*		+
Tephrosia sp. NW Eremaean (S. van Leeuwen et al. PBS 0356)		+
Trachymene oleracea subsp. *oleracea*		+
Trigastrotheca molluginea		+
Triumfetta propinqua		+
Waltheria indica		+

APPENDIX J – THREATENED AND PRIORITY SPECIES RECORDED

Family	Taxon	EPBC Act Cons. Status	WA Cons. Status	Abundance	Coordinates - GDA 94		Year Recorded
					Easting (mE)	Northing (mN)	
Lamiaceae	*Quoya zonalis*	T	T	1	715810.06	7650340.68	2022 04
Lamiaceae	*Quoya zonalis*	T	T	1	715948.99	7650433.06	2022 04
Lamiaceae	*Quoya zonalis*	T	T	7	716880.02	7651974.39	2022 04
Lamiaceae	*Quoya zonalis*	T	T	3	716888.33	7651994.47	2022 04
Lamiaceae	*Quoya zonalis*	T	T	1	725692.06	7650936.72	2022 04
Lamiaceae	*Quoya zonalis*	T	T	1	725694.75	7650930.65	2022 04
Lamiaceae	*Quoya zonalis*	T	T	1	725702.42	7650938.58	2022 04
Lamiaceae	*Quoya zonalis*	T	T	2	726151.96	7651365.25	2022 04
Lamiaceae	*Quoya zonalis*	T	T	1	726193.51	7651424.16	2022 04
Lamiaceae	*Quoya zonalis*	T	T	5	726226.38	7651363.37	2022 04
Lamiaceae	*Quoya zonalis*	T	T	3	711236.25	7649416.64	2022 10
Lamiaceae	*Quoya zonalis*	T	T	12	711241.56	7649448.58	2022 10
Lamiaceae	*Quoya zonalis*	T	T	6	711261.25	7649444.15	2022 10
Lamiaceae	*Quoya zonalis*	T	T	1	711266.71	7649438.85	2022 10
Lamiaceae	*Quoya zonalis*	T	T	4	711300.95	7649435.02	2022 10
Lamiaceae	*Quoya zonalis*	T	T	1	716322.65	7650671.40	2022 10
Lamiaceae	*Quoya zonalis*	T	T	6	716432.86	7650504.77	2022 10
Lamiaceae	*Quoya zonalis*	T	T	1	716437.49	7650499.60	2022 10
Lamiaceae	*Quoya zonalis*	T	T	1	716495.23	7650437.16	2022 10
Lamiaceae	*Quoya zonalis*	T	T	4	725705.16	7650938.33	2022 10
Lamiaceae	*Quoya zonalis*	T	T	1	725796.23	7649621.28	2022 10
Lamiaceae	*Quoya zonalis*	T	T	2	726089.74	7649631.22	2022 10
Lamiaceae	*Quoya zonalis*	T	T	3	726093.25	7649647.99	2022 10
Lamiaceae	*Quoya zonalis*	T	T	3	726109.70	7649579.90	2022 10
Lamiaceae	*Quoya zonalis*	T	T	2	726140.05	7649579.34	2022 10
Lamiaceae	*Quoya zonalis*	T	T	2	726140.80	7649587.35	2022 10
Lamiaceae	*Quoya zonalis*	T	T	5	726400.23	7648576.78	2022 10
Lamiaceae	*Quoya zonalis*	T	T	3	726414.66	7648587.74	2022 10
Lamiaceae	*Quoya zonalis*	T	T	2	726450.98	7648572.91	2022 10
Lamiaceae	*Quoya zonalis*	T	T	1	726457.97	7648659.98	2022 10
Lamiaceae	*Quoya zonalis*	T	T	1	728230.92	7647512.64	2022 10
Lamiaceae	*Quoya zonalis*	T	T	13	728355.46	7649814.17	2022 10
Lamiaceae	*Quoya zonalis*	T	T	1	728356.08	7649823.84	2022 10
Lamiaceae	*Quoya zonalis*	T	T	1	728483.25	7650366.04	2022 10
Lamiaceae	*Quoya zonalis*	T	T	2	733672.74	7646407.79	2022 10
Lamiaceae	*Quoya zonalis*	T	T	2	733815.11	7646522.35	2022 10
Lamiaceae	*Quoya zonalis*	T	T	3	733835.55	7646615.57	2022 10
Lamiaceae	*Quoya zonalis*	T	T	7	733946.93	7646924.47	2022 10
Lamiaceae	*Quoya zonalis*	T	T	13	733949.24	7647005.32	2022 10
Lamiaceae	*Quoya zonalis*	T	T	7	716320.83	7650697.05	2024 08
Lamiaceae	*Quoya zonalis*	T	T	1	720071.63	7650603.18	2024 08
Lamiaceae	*Quoya zonalis*	T	T	7	728351.91	7649822.11	2024 08
Lamiaceae	*Quoya zonalis*	T	T	1	728351.95	7649842.82	2024 08
Bixaceae	*Cochlospermum macnamarae*		P1	1	726029.46	7649696.10	2022 04
Bixaceae	*Cochlospermum macnamarae*		P1	4	725908.47	7649692.07	2022 10
Bixaceae	*Cochlospermum macnamarae*		P1	1	725926.89	7649669.28	2022 10
Bixaceae	*Cochlospermum macnamarae*		P1	4	725931.85	7649695.76	2022 10
Bixaceae	*Cochlospermum macnamarae*		P1	2	725949.26	7649729.44	2022 10
Bixaceae	*Cochlospermum macnamarae*		P1	2	725961.88	7649672.02	2022 10
Bixaceae	*Cochlospermum macnamarae*		P1	4	725962.29	7649716.84	2022 10
Bixaceae	*Cochlospermum macnamarae*		P1	11	725984.65	7649745.36	2022 10
Bixaceae	*Cochlospermum macnamarae*		P1	1	725996.52	7649611.32	2022 10
Bixaceae	*Cochlospermum macnamarae*		P1	6	725997.02	7649710.99	2022 10
Bixaceae	*Cochlospermum macnamarae*		P1	2	725998.44	7649670.41	2022 10
Bixaceae	*Cochlospermum macnamarae*		P1	2	726000.48	7649757.74	2022 10

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Bixaceae	*Cochlospermum macnamarae*		P1	1	726011.94	7649604.12	2022 10
Bixaceae	*Cochlospermum macnamarae*		P1	2	726013.01	7649754.49	2022 10
Bixaceae	*Cochlospermum macnamarae*		P1	2	726015.87	7649739.77	2022 10
Bixaceae	*Cochlospermum macnamarae*		P1	4	726024.32	7649731.52	2022 10
Bixaceae	*Cochlospermum macnamarae*		P1	1	726032.20	7649656.93	2022 10
Bixaceae	*Cochlospermum macnamarae*		P1	4	726033.47	7649632.75	2022 10
Bixaceae	*Cochlospermum macnamarae*		P1	3	726045.29	7649606.43	2022 10
Bixaceae	*Cochlospermum macnamarae*		P1	4	726056.21	7649706.58	2022 10
Bixaceae	*Cochlospermum macnamarae*		P1	2	726074.25	7649512.47	2022 10
Bixaceae	*Cochlospermum macnamarae*		P1	6	726078.35	7649506.91	2022 10
Bixaceae	*Cochlospermum macnamarae*		P1	2	726104.31	7649612.12	2022 10
Bixaceae	*Cochlospermum macnamarae*		P1	1	726108.40	7649590.57	2022 10
Bixaceae	*Cochlospermum macnamarae*		P1	1	726125.23	7649594.11	2022 10
Bixaceae	*Cochlospermum macnamarae*		P1	1	726175.99	7649695.10	2022 10
Bixaceae	*Cochlospermum macnamarae*		P1	1	726192.69	7649642.27	2022 10
Bixaceae	*Cochlospermum macnamarae*		P1	3	726198.72	7649655.83	2022 10
Bixaceae	*Cochlospermum macnamarae*		P1	5	726218.35	7649568.39	2022 10
Bixaceae	*Cochlospermum macnamarae*		P1	9	726283.87	7649462.34	2022 10
Bixaceae	*Cochlospermum macnamarae*		P1	3	726352.29	7649874.34	2022 10
Bixaceae	*Cochlospermum macnamarae*		P1	7	726381.56	7649535.72	2022 10
Bixaceae	*Cochlospermum macnamarae*		P1	1	726580.97	7648734.16	2022 10
Bixaceae	*Cochlospermum macnamarae*		P1	1	726621.56	7648705.62	2022 10
Bixaceae	*Cochlospermum macnamarae*		P1	1	726659.49	7648636.23	2022 10
Bixaceae	*Cochlospermum macnamarae*		P1	6	726680.19	7648611.06	2022 10
Bixaceae	*Cochlospermum macnamarae*		P1	5	726696.74	7648690.57	2022 10
Bixaceae	*Cochlospermum macnamarae*		P1	1	726697.22	7648654.23	2022 10
Bixaceae	*Cochlospermum macnamarae*		P1	1	726705.88	7648669.13	2022 10
Bixaceae	*Cochlospermum macnamarae*		P1	2	726727.97	7648520.09	2022 10
Bixaceae	*Cochlospermum macnamarae*		P1	7	726750.79	7648486.45	2022 10
Bixaceae	*Cochlospermum macnamarae*		P1	1	726828.07	7648558.21	2022 10
Apocynaceae	*Gymnanthera cunninghamii*		P3	1	782098.29	7642241.50	2024 05
Boraginaceae	*Heliotropium murinum*		P3	1	811690.43	7620583.25	2022 04
Boraginaceae	*Heliotropium murinum*		P3	1	803724.40	7631419.68	2022 10
Boraginaceae	*Heliotropium murinum*		P3	1	803885.12	7631791.98	2022 10
Boraginaceae	*Heliotropium murinum*		P3	1	811705.18	7620582.73	2022 10
Boraginaceae	*Heliotropium murinum*		P3	2	815234.93	7639890.45	2022 10
Boraginaceae	*Heliotropium murinum*		P3	1	800563.47	7633313.96	2023 05
Boraginaceae	*Heliotropium murinum*		P3	2	800576.95	7633267.55	2023 05
Boraginaceae	*Heliotropium murinum*		P3	1	800583.66	7633270.82	2023 05
Boraginaceae	*Heliotropium murinum*		P3	1	800596.66	7633277.60	2023 05
Boraginaceae	*Heliotropium murinum*		P3	2	800598.81	7633278.74	2023 05
Boraginaceae	*Heliotropium murinum*		P3	1	800609.33	7633384.23	2023 05
Boraginaceae	*Heliotropium murinum*		P3	1	800651.71	7633418.10	2023 05
Boraginaceae	*Heliotropium murinum*		P3	1	800662.98	7633321.91	2023 05
Boraginaceae	*Heliotropium murinum*		P3	1	800664.59	7633322.64	2023 05
Boraginaceae	*Heliotropium murinum*		P3	1	800676.69	7633338.78	2023 05
Boraginaceae	*Heliotropium murinum*		P3	1	800687.98	7633381.44	2023 05
Boraginaceae	*Heliotropium murinum*		P3	1	800689.32	7633404.64	2023 05
Boraginaceae	*Heliotropium murinum*		P3	2	808747.70	7620173.64	2023 05
Boraginaceae	*Heliotropium murinum*		P3	1	808781.13	7620227.30	2023 05
Boraginaceae	*Heliotropium murinum*		P3	1	809569.14	7619549.94	2023 05
Boraginaceae	*Heliotropium murinum*		P3	1	809577.13	7619532.88	2023 05
Boraginaceae	*Heliotropium murinum*		P3	2	809581.23	7619574.73	2023 05
Boraginaceae	*Heliotropium murinum*		P3	3	809599.91	7619491.37	2023 05
Boraginaceae	*Heliotropium murinum*		P3	1	809601.49	7619501.05	2023 05
Boraginaceae	*Heliotropium murinum*		P3	3	809609.67	7619490.73	2023 05
Boraginaceae	*Heliotropium murinum*		P3	4	809610.68	7619476.16	2023 05
Boraginaceae	*Heliotropium murinum*		P3	4	809611.68	7619490.38	2023 05
Boraginaceae	*Heliotropium murinum*		P3	4	809653.21	7619490.55	2023 05
Boraginaceae	*Heliotropium murinum*		P3	1	809656.25	7619518.67	2023 05
Boraginaceae	*Heliotropium murinum*		P3	1	809660.01	7619495.37	2023 05

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Boraginaceae	*Heliotropium murinum*		P3	1	809737.99	7619539.89	2023 05
Boraginaceae	*Heliotropium murinum*		P3	4	809740.25	7619534.28	2023 05
Boraginaceae	*Heliotropium murinum*		P3	1	809746.68	7619550.58	2023 05
Boraginaceae	*Heliotropium murinum*		P3	1	809746.90	7619578.44	2023 05
Boraginaceae	*Heliotropium murinum*		P3	1	809763.59	7619636.52	2023 05
Boraginaceae	*Heliotropium murinum*		P3	2	809771.03	7619625.38	2023 05
Boraginaceae	*Heliotropium murinum*		P3	1	809771.49	7619623.78	2023 05
Boraginaceae	*Heliotropium murinum*		P3	2	809774.92	7619512.46	2023 05
Boraginaceae	*Heliotropium murinum*		P3	2	809778.39	7619515.75	2023 05
Boraginaceae	*Heliotropium murinum*		P3	2	809785.67	7619592.85	2023 05
Boraginaceae	*Heliotropium murinum*		P3	1	809791.46	7619534.48	2023 05
Boraginaceae	*Heliotropium murinum*		P3	2	809812.46	7619669.71	2023 05
Boraginaceae	*Heliotropium murinum*		P3	1	809816.57	7619577.53	2023 05
Boraginaceae	*Heliotropium murinum*		P3	1	809817.96	7619678.80	2023 05
Boraginaceae	*Heliotropium murinum*		P3	2	809825.74	7619556.92	2023 05
Boraginaceae	*Heliotropium murinum*		P3	7	809826.86	7619522.88	2023 05
Boraginaceae	*Heliotropium murinum*		P3	1	809827.67	7619684.77	2023 05
Boraginaceae	*Heliotropium murinum*		P3	1	809828.95	7619695.43	2023 05
Boraginaceae	*Heliotropium murinum*		P3	2	809833.65	7619566.93	2023 05
Boraginaceae	*Heliotropium murinum*		P3	1	809837.71	7619693.53	2023 05
Boraginaceae	*Heliotropium murinum*		P3	2	809837.92	7619553.57	2023 05
Boraginaceae	*Heliotropium murinum*		P3	1	809838.13	7619535.42	2023 05
Boraginaceae	*Heliotropium murinum*		P3	1	809838.81	7619687.04	2023 05
Boraginaceae	*Heliotropium murinum*		P3	6	809845.64	7619538.84	2023 05
Boraginaceae	*Heliotropium murinum*		P3	20	809848.51	7619554.68	2023 05
Boraginaceae	*Heliotropium murinum*		P3	10	809850.74	7619669.36	2023 05
Boraginaceae	*Heliotropium murinum*		P3	1	809850.94	7619543.44	2023 05
Boraginaceae	*Heliotropium murinum*		P3	3	809851.32	7619545.23	2023 05
Boraginaceae	*Heliotropium murinum*		P3	3	809851.90	7619577.13	2023 05
Boraginaceae	*Heliotropium murinum*		P3	10	809852.49	7619564.32	2023 05
Boraginaceae	*Heliotropium murinum*		P3	1	809854.60	7619580.12	2023 05
Boraginaceae	*Heliotropium murinum*		P3	5	809864.10	7619664.23	2023 05
Boraginaceae	*Heliotropium murinum*		P3	5	809865.51	7619561.38	2023 05
Boraginaceae	*Heliotropium murinum*		P3	5	809866.08	7619565.76	2023 05
Boraginaceae	*Heliotropium murinum*		P3	10	809870.01	7619582.24	2023 05
Boraginaceae	*Heliotropium murinum*		P3	1	809870.32	7619680.01	2023 05
Boraginaceae	*Heliotropium murinum*		P3	5	809873.04	7619658.87	2023 05
Boraginaceae	*Heliotropium murinum*		P3	1	809873.21	7619676.64	2023 05
Boraginaceae	*Heliotropium murinum*		P3	4	809873.25	7619689.91	2023 05
Boraginaceae	*Heliotropium murinum*		P3	3	809875.61	7619711.34	2023 05
Boraginaceae	*Heliotropium murinum*		P3	5	809875.97	7619693.66	2023 05
Boraginaceae	*Heliotropium murinum*		P3	1	809877.03	7619674.59	2023 05
Boraginaceae	*Heliotropium murinum*		P3	1	809878.93	7619674.00	2023 05
Boraginaceae	*Heliotropium murinum*		P3	2	809879.38	7619652.32	2023 05
Boraginaceae	*Heliotropium murinum*		P3	1	809880.25	7619670.49	2023 05
Boraginaceae	*Heliotropium murinum*		P3	5	809883.40	7619647.78	2023 05
Boraginaceae	*Heliotropium murinum*		P3	5	809884.02	7619590.86	2023 05
Boraginaceae	*Heliotropium murinum*		P3	2	809884.09	7619605.41	2023 05
Boraginaceae	*Heliotropium murinum*		P3	1	809888.77	7619610.27	2023 05
Boraginaceae	*Heliotropium murinum*		P3	1	809919.20	7619594.13	2023 05
Boraginaceae	*Heliotropium murinum*		P3	1	817870.49	7635881.52	2023 05
Boraginaceae	*Heliotropium murinum*		P3	1	817906.79	7635958.85	2023 05
Boraginaceae	*Heliotropium murinum*		P3	5	817914.51	7635946.39	2023 05
Boraginaceae	*Heliotropium murinum*		P3	1	800432.35	7630927.96	2024 05
Boraginaceae	*Heliotropium murinum*		P3	1	800445.14	7630911.91	2024 05
Boraginaceae	*Heliotropium murinum*		P3	1	800493.14	7630950.9	2024 05
Boraginaceae	*Heliotropium murinum*		P3	4	800501.78	7631004.95	2024 05
Boraginaceae	*Heliotropium murinum*		P3	1	800507.02	7630962.00	2024 05
Boraginaceae	*Heliotropium murinum*		P3	6	800517.42	7630944.79	2024 05
Boraginaceae	*Heliotropium murinum*		P3	3	800542.32	7631012.03	2024 05
Boraginaceae	*Heliotropium murinum*		P3	1	800630.19	7631217.53	2024 05

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Boraginaceae	*Heliotropium murinum*		P3	10	802418.57	7631811.42	2024 05
Boraginaceae	*Heliotropium murinum*		P3	1	802495.18	7631805.04	2024 05
Boraginaceae	*Heliotropium murinum*		P3	8	802636.04	7632010.97	2024 05
Boraginaceae	*Heliotropium murinum*		P3	1	802717.25	7625180.22	2024 05
Boraginaceae	*Heliotropium murinum*		P3	1	802741.80	7625190.80	2024 05
Boraginaceae	*Heliotropium murinum*		P3	11	802744.95	7625188.29	2024 05
Boraginaceae	*Heliotropium murinum*		P3	1	807667.70	7622940.33	2024 05
Boraginaceae	*Heliotropium murinum*		P3	1	807707.38	7623073.96	2024 05
Boraginaceae	*Heliotropium murinum*		P3	10	807735.48	7623021.18	2024 05
Boraginaceae	*Heliotropium murinum*		P3	1	795677.17	7630227.18	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	795933.67	7630238.14	2024 08
Boraginaceae	*Heliotropium murinum*		P3	2	795940.86	7630253.38	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	795944.85	7630292.98	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	795945.36	7630386.13	2024 08
Boraginaceae	*Heliotropium murinum*		P3	20	802690.47	7621539.01	2024 08
Boraginaceae	*Heliotropium murinum*		P3	20	802697.23	7621647.48	2024 08
Boraginaceae	*Heliotropium murinum*		P3	5	802699.18	7621835.43	2024 08
Boraginaceae	*Heliotropium murinum*		P3	10	802699.29	7621631.06	2024 08
Boraginaceae	*Heliotropium murinum*		P3	10	802699.84	7621779.65	2024 08
Boraginaceae	*Heliotropium murinum*		P3	5	802700.44	7621707.52	2024 08
Boraginaceae	*Heliotropium murinum*		P3	20	802700.69	7621671.00	2024 08
Boraginaceae	*Heliotropium murinum*		P3	20	802703.27	7621592.91	2024 08
Boraginaceae	*Heliotropium murinum*		P3	15	802704.51	7621570.11	2024 08
Boraginaceae	*Heliotropium murinum*		P3	5	802704.64	7621861.58	2024 08
Boraginaceae	*Heliotropium murinum*		P3	10	802704.95	7621817.14	2024 08
Boraginaceae	*Heliotropium murinum*		P3	10	802707.32	7621796.49	2024 08
Boraginaceae	*Heliotropium murinum*		P3	10	802708.14	7621760.31	2024 08
Boraginaceae	*Heliotropium murinum*		P3	40	802715.44	7621527.79	2024 08
Boraginaceae	*Heliotropium murinum*		P3	10	802763.41	7621861.41	2024 08
Boraginaceae	*Heliotropium murinum*		P3	5	802778.77	7621861.02	2024 08
Boraginaceae	*Heliotropium murinum*		P3	100	802783.98	7621829.08	2024 08
Boraginaceae	*Heliotropium murinum*		P3	100	802786.26	7621718.53	2024 08
Boraginaceae	*Heliotropium murinum*		P3	100	802792.50	7621627.69	2024 08
Boraginaceae	*Heliotropium murinum*		P3	48	802809.22	7621523.41	2024 08
Boraginaceae	*Heliotropium murinum*		P3	2	802835.96	7621863.72	2024 08
Boraginaceae	*Heliotropium murinum*		P3	25	802853.58	7621556.26	2024 08
Boraginaceae	*Heliotropium murinum*		P3	15	802857.99	7621727.01	2024 08
Boraginaceae	*Heliotropium murinum*		P3	5	802859.26	7621764.99	2024 08
Boraginaceae	*Heliotropium murinum*		P3	20	802860.28	7621523.84	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	802860.52	7621752.34	2024 08
Boraginaceae	*Heliotropium murinum*		P3	15	802860.92	7621712.30	2024 08
Boraginaceae	*Heliotropium murinum*		P3	15	802864.07	7621698.41	2024 08
Boraginaceae	*Heliotropium murinum*		P3	15	802865.15	7621808.65	2024 08
Boraginaceae	*Heliotropium murinum*		P3	12	802865.86	7621790.41	2024 08
Boraginaceae	*Heliotropium murinum*		P3	18	802865.93	7621539.53	2024 08
Boraginaceae	*Heliotropium murinum*		P3	5	802868.13	7621681.42	2024 08
Boraginaceae	*Heliotropium murinum*		P3	2	802868.89	7621839.07	2024 08
Boraginaceae	*Heliotropium murinum*		P3	15	802873.20	7621556.44	2024 08
Boraginaceae	*Heliotropium murinum*		P3	15	802873.74	7621570.26	2024 08
Boraginaceae	*Heliotropium murinum*		P3	12	802875.33	7621660.99	2024 08
Boraginaceae	*Heliotropium murinum*		P3	5	802876.27	7621516.07	2024 08
Boraginaceae	*Heliotropium murinum*		P3	25	802885.65	7621526.34	2024 08
Boraginaceae	*Heliotropium murinum*		P3	5	802897.89	7621509.79	2024 08
Boraginaceae	*Heliotropium murinum*		P3	2	802902.10	7621508.22	2024 08
Boraginaceae	*Heliotropium murinum*		P3	5	802935.61	7621516.27	2024 08
Boraginaceae	*Heliotropium murinum*		P3	5	802950.86	7621517.44	2024 08
Boraginaceae	*Heliotropium murinum*		P3	15	802951.38	7621695.81	2024 08
Boraginaceae	*Heliotropium murinum*		P3	15	802952.40	7621685.24	2024 08
Boraginaceae	*Heliotropium murinum*		P3	12	802957.05	7621647.81	2024 08
Boraginaceae	*Heliotropium murinum*		P3	2	802957.70	7621570.90	2024 08
Boraginaceae	*Heliotropium murinum*		P3	5	802958.9	7621536.55	2024 08

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Boraginaceae	*Heliotropium murinum*		P3	2	802961.25	7621609.94	2024 08
Boraginaceae	*Heliotropium murinum*		P3	20	802971.18	7621545.69	2024 08
Boraginaceae	*Heliotropium murinum*		P3	20	802995.60	7621592.50	2024 08
Boraginaceae	*Heliotropium murinum*		P3	5	802997.85	7621519.71	2024 08
Boraginaceae	*Heliotropium murinum*		P3	25	803026.46	7621626.70	2024 08
Boraginaceae	*Heliotropium murinum*		P3	2	803026.90	7621520.38	2024 08
Boraginaceae	*Heliotropium murinum*		P3	10	803031.56	7621657.69	2024 08
Boraginaceae	*Heliotropium murinum*		P3	10	803052.41	7621523.04	2024 08
Boraginaceae	*Heliotropium murinum*		P3	5	803108.12	7621762.51	2024 08
Boraginaceae	*Heliotropium murinum*		P3	10	803108.99	7621783.27	2024 08
Boraginaceae	*Heliotropium murinum*		P3	5	803109.81	7621705.98	2024 08
Boraginaceae	*Heliotropium murinum*		P3	10	803110.69	7621806.89	2024 08
Boraginaceae	*Heliotropium murinum*		P3	15	803110.92	7621588.71	2024 08
Boraginaceae	*Heliotropium murinum*		P3	8	803112.31	7621611.06	2024 08
Boraginaceae	*Heliotropium murinum*		P3	10	803116.06	7621649.82	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	805443.15	7626821.94	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	805508.47	7626770.92	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	1	805516.77	7626833.47	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	805526.41	7626768.47	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	805550.01	7626762.21	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	805598.07	7627334.11	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	4	805640.44	7627350.75	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	10	805648.18	7627357.11	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	805661.44	7626748.88	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	18	805669.58	7627353.63	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	15	805680.61	7627335.12	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	18	805684.88	7627325.39	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	806612.39	7619525.87	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	806696.06	7619920.62	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	806823.10	7620073.17	2024 08
Boraginaceae	*Heliotropium murinum*		P3	2	806898.84	7623721.13	2024 08
Boraginaceae	*Heliotropium murinum*		P3	3	806919.01	7623728.15	2024 08
Boraginaceae	*Heliotropium murinum*		P3	5	806938.95	7623675.55	2024 08
Boraginaceae	*Heliotropium murinum*		P3	8	806966.10	7623667.29	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	806970.51	7623718.46	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	807003.46	7623667.42	2024 08
Boraginaceae	*Heliotropium murinum*		P3	6	807009.94	7623668.09	2024 08
Boraginaceae	*Heliotropium murinum*		P3	2	807074.39	7623666.11	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	807189.51	7623663.68	2024 08
Boraginaceae	*Heliotropium murinum*		P3	2	807194.26	7623664.63	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	807200.09	7623661.82	2024 08
Boraginaceae	*Heliotropium murinum*		P3	5	807458.93	7623653.60	2024 08
Boraginaceae	*Heliotropium murinum*		P3	5	807539.83	7623642.73	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	808009.70	7623596.22	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	808226.18	7623580.93	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	810514.41	7619219.41	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	810516.52	7619202.67	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	810527.80	7619235.78	2024 08
Boraginaceae	*Heliotropium murinum*		P3	14	810538.63	7619243.63	2024 08
Boraginaceae	*Heliotropium murinum*		P3	18	810544.91	7619252.09	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	810546.94	7619142.17	2024 08
Boraginaceae	*Heliotropium murinum*		P3	5	810547.32	7619276.21	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	810552.07	7619284.38	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	810553.30	7619158.16	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	810569.31	7619195.13	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	810579.38	7619339.72	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	810583.05	7619110.47	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	810584.87	7619228.60	2024 08
Boraginaceae	*Heliotropium murinum*		P3	10	810588.53	7619234.65	2024 08
Boraginaceae	*Heliotropium murinum*		P3	5	810595.24	7619254.23	2024 08
Boraginaceae	*Heliotropium murinum*		P3	2	810602.31	7619149.82	2024 08

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Boraginaceae	*Heliotropium murinum*		P3	1	810607.02	7619281.04	2024 08
Boraginaceae	*Heliotropium murinum*		P3	2	810607.08	7619155.58	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	810610.18	7619402.13	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	810617.12	7619182.59	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	810629.76	7619206.96	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	810635.27	7619357.94	2024 08
Boraginaceae	*Heliotropium murinum*		P3	2	810637.13	7619222.93	2024 08
Boraginaceae	*Heliotropium murinum*		P3	3	810653.92	7619376.84	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	810656.43	7619266.19	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	810672.11	7619322.66	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	810673.30	7619411.74	2024 08
Boraginaceae	*Heliotropium murinum*		P3	2	810674.98	7619338.10	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	810695.62	7619458.53	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	810703.74	7619473.76	2024 08
Boraginaceae	*Heliotropium murinum*		P3	3	810730.63	7619521.27	2024 08
Boraginaceae	*Heliotropium murinum*		P3	3	810812.40	7619605.27	2024 08
Boraginaceae	*Heliotropium murinum*		P3	2	810830.75	7619628.39	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	810902.95	7619775.22	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	810949.84	7619996.53	2024 08
Boraginaceae	*Heliotropium murinum*		P3	3	810950.68	7619998.94	2024 08
Boraginaceae	*Heliotropium murinum*		P3	2	810952.91	7619904.58	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	810954.72	7620134.71	2024 08
Boraginaceae	*Heliotropium murinum*		P3	3	810954.95	7619918.71	2024 08
Boraginaceae	*Heliotropium murinum*		P3	5	810959.47	7620106.71	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	810966.18	7620159.10	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	810968.07	7619933.71	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	811008.17	7620107.57	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	811106.53	7620221.99	2024 08
Boraginaceae	*Heliotropium murinum*		P3	2	811266.12	7620538.82	2024 08
Boraginaceae	*Heliotropium murinum*		P3	4	815601.47	7636152.63	2024 08
Boraginaceae	*Heliotropium murinum*		P3	2	815617.86	7636139.44	2024 08
Boraginaceae	*Heliotropium murinum*		P3	2	815637.11	7636197.07	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	815649.06	7636215.63	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	815672.25	7636242.87	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	815681.36	7636259.83	2024 08
Boraginaceae	*Heliotropium murinum*		P3	9	815690.88	7636278.82	2024 08
Boraginaceae	*Heliotropium murinum*		P3	3	815721.68	7636299.96	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	4	815727.71	7636746.18	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	4	815731.76	7636702.15	2024 08
Boraginaceae	*Heliotropium murinum*		P3	6	815732.89	7636314.48	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	1	815733.14	7636755.53	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	1	815741.83	7636763.60	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	3	815746.63	7636666.49	2024 08
Boraginaceae	*Heliotropium murinum*		P3	2	815757.99	7636096.78	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	1	815764.80	7636637.58	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	1	815767.23	7636782.73	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	815775.29	7636114.89	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	2	815787.83	7636602.28	2024 08
Boraginaceae	*Heliotropium murinum*		P3	3	815792.93	7636405.52	2024 08
Boraginaceae	*Heliotropium murinum*		P3	3	815812.40	7635911.47	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	3	815819.60	7636592.60	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	1	815820.84	7636642.24	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	815825.83	7636427.07	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	815826.14	7635893.24	2024 08
Boraginaceae	*Heliotropium murinum*		P3	2	815835.63	7635881.63	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	1	815837.75	7636621.87	2024 08
Boraginaceae	*Heliotropium murinum*		P3	3	815838.25	7636444.86	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	1	815841.09	7636855.82	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	815841.82	7636201.00	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	7	815850.90	7636871.51	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	1	815852.86	7636877.15	2024 08

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Boraginaceae	*Heliotropium ?murinum*		P3	1	815859.82	7636891.59	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	1	815862.19	7636755.24	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	1	815866.12	7636595.09	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	815869.18	7636231.44	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	815871.15	7636110.58	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	5	815877.42	7636587.08	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	815891.65	7636016.91	2024 08
Boraginaceae	*Heliotropium murinum*		P3	2	815895.55	7636257.76	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	815898.97	7636270.70	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	815902.24	7636143.10	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	815902.90	7636006.45	2024 08
Boraginaceae	*Heliotropium murinum*		P3	6	815904.45	7636278.49	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	2	815905.78	7636563.07	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	3	815906.58	7636561.22	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	5	815913.06	7636573.69	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	815913.59	7635898.60	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	1	815923.58	7636942.62	2024 08
Boraginaceae	*Heliotropium murinum*		P3	3	815925.30	7636177.85	2024 08
Boraginaceae	*Heliotropium murinum*		P3	3	815926.24	7636289.14	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	3	815926.76	7636573.11	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	815928.28	7636545.46	2024 08
Boraginaceae	*Heliotropium murinum*		P3	6	815930.14	7636184.82	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	3	815933.92	7636518.32	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	815936.62	7635924.67	2024 08
Boraginaceae	*Heliotropium murinum*		P3	3	815947.12	7635942.12	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	815949.27	7636572.37	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	815953.31	7636210.92	2024 08
Boraginaceae	*Heliotropium murinum*		P3	2	815954.99	7636578.00	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	815961.95	7636218.50	2024 08
Boraginaceae	*Heliotropium murinum*		P3	3	815974.22	7636240.87	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	5	815974.86	7636577.86	2024 08
Boraginaceae	*Heliotropium murinum*		P3	12	815986.23	7636248.07	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	5	815986.54	7636582.17	2024 08
Boraginaceae	*Heliotropium murinum*		P3	2	815992.64	7636374.28	2024 08
Boraginaceae	*Heliotropium murinum*		P3	3	815994.32	7636144.67	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	815996.87	7636260.05	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	816000.07	7636635.38	2024 08
Boraginaceae	*Heliotropium murinum*		P3	2	816000.83	7636617.50	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	816011.09	7636470.97	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	816011.86	7636642.28	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	816013.21	7636280.91	2024 08
Boraginaceae	*Heliotropium murinum*		P3	5	816013.96	7636146.89	2024 08
Boraginaceae	*Heliotropium murinum*		P3	3	816021.18	7636156.51	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	1	816026.24	7636525.47	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	816034.00	7636034.99	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	1	816053.45	7637085.44	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	2	816057.86	7636885.33	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	1	816066.95	7636898.20	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	1	816076.98	7637031.23	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	1	816081.05	7636516.96	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	5	816088.19	7636925.24	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	2	816090.46	7637112.17	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	1	816098.92	7636930.81	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	3	816117.96	7636697.33	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	816155.80	7636529.95	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	1	816181.03	7636813.11	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	1	816183.73	7636797.99	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	4	816188.67	7636819.46	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	2	816204.97	7636823.43	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	6	816208.28	7637253.15	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	3	816219.63	7636778.95	2024 08

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Boraginaceae	*Heliotropium ?murinum*		P3	1	816224.58	7636786.40	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	2	816228.62	7636737.86	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	3	816228.86	7636791.51	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	2	816229.05	7636847.82	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	3	816230.85	7636739.83	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	1	816234.68	7636804.62	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	6	816244.04	7636750.48	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	5	816245.48	7636819.36	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	1	816248.74	7636929.92	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	1	816261.19	7636763.95	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	1	816272.74	7636950.36	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	1	816278.43	7636791.03	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	3	816282.30	7636972.81	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	3	816282.46	7637225.27	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	3	816291.57	7636799.26	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	1	816293.72	7637247.72	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	2	816296.60	7636988.69	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	2	816305.22	7636809.89	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	2	816318.66	7636830.02	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	2	816322.12	7637362.29	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	1	816328.18	7636845.00	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	1	816337.95	7637205.12	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	1	816339.49	7636861.01	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	3	816355.80	7636876.06	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	1	816365.85	7636965.23	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	1	816367.85	7637039.68	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	1	816397.26	7637276.59	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	2	816398.04	7636936.02	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	2	816400.06	7636944.98	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	3	816416.23	7636947.68	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	3	816438.60	7637049.11	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	8	816469.63	7637252.58	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	3	816474.71	7637238.08	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	1	816480.88	7637003.19	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	2	816485.65	7637222.30	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	12	816505.08	7637213.68	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	2	816508.47	7637197.90	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	12	816537.47	7637120.71	2024 08
Boraginaceae	*Heliotropium ?murinum*		P3	4	816542.68	7637073.39	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	817396.06	7635564.31	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	817522.69	7635385.55	2024 08
Boraginaceae	*Heliotropium murinum*		P3	3	817595.79	7635407.14	2024 08
Boraginaceae	*Heliotropium murinum*		P3	4	817605.28	7635383.18	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	817623.20	7635541.34	2024 08
Boraginaceae	*Heliotropium murinum*		P3	5	817643.01	7635643.40	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	817714.19	7635530.47	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	817719.88	7635535.03	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	817729.48	7635627.45	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	817761.96	7635479.25	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	817776.15	7635583.91	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	817812.92	7635610.84	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	817874.40	7635566.62	2024 08
Boraginaceae	*Heliotropium murinum*		P3	2	817887.64	7638281.17	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	817887.79	7635826.32	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	817888.14	7638335.49	2024 08
Boraginaceae	*Heliotropium murinum*		P3	11	817898.55	7638324.48	2024 08
Boraginaceae	*Heliotropium murinum*		P3	2	817898.87	7635548.29	2024 08
Boraginaceae	*Heliotropium murinum*		P3	15	817901.95	7635836.88	2024 08
Boraginaceae	*Heliotropium murinum*		P3	2	817963.85	7638343.34	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	818009.65	7638213.47	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	818013.25	7635903.16	2024 08

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Boraginaceae	*Heliotropium murinum*		P3	1	818019.00	7638137.79	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	818031.17	7635911.54	2024 08
Boraginaceae	*Heliotropium murinum*		P3	2	818055.02	7635870.44	2024 08
Boraginaceae	*Heliotropium murinum*		P3	2	818114.13	7638107.59	2024 08
Boraginaceae	*Heliotropium murinum*		P3	2	818167.54	7635952.76	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	818192.81	7635949.33	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	818252.70	7634355.64	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	818309.70	7637993.53	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	818324.86	7638090.81	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	818364.81	7634518.86	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	818439.22	7634734.02	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	818493.38	7638078.18	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	818502.29	7634551.79	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	818572.91	7637862.60	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	818611.31	7634423.34	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	818644.33	7638002.44	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	818657.00	7637994.89	2024 08
Boraginaceae	*Heliotropium murinum*		P3	3	818679.63	7634305.44	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	818999.35	7637641.84	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	819026.02	7637693.70	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	819062.64	7637677.16	2024 08
Boraginaceae	*Heliotropium murinum*		P3	5	819086.94	7637659.27	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	819164.75	7637571.63	2024 08
Boraginaceae	*Heliotropium murinum*		P3	2	819168.37	7637569.87	2024 08
Boraginaceae	*Heliotropium murinum*		P3	2	819174.93	7637566.93	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	819252.41	7637603.01	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	819606.04	7637556.83	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	820507.07	7643654.98	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	821792.10	7638633.40	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	821848.01	7638468.53	2024 08
Boraginaceae	*Heliotropium murinum*		P3	3	822017.40	7638795.02	2024 08
Boraginaceae	*Heliotropium murinum*		P3	5	822018.48	7638803.55	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	822115.66	7638778.79	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	822134.61	7638599.20	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	822215.34	7638798.63	2024 08
Boraginaceae	*Heliotropium murinum*		P3	1	829238.50	7640868.41	2024 08
Euphorbiaceae	*Euphorbia inappendiculata var. inappendiculata*		P3	1	725533.48	7650616.76	2022 10
Euphorbiaceae	*Euphorbia inappendiculata var. inappendiculata*		P3	1	814050.18	7629934.56	2022 10
Fabaceae	*Acacia levata*		P3	5	765253.93	7633113.44	2023 05
Fabaceae	*Acacia levata*		P3	1	765262.41	7633202.11	2023 05
Fabaceae	*Acacia levata*		P3	4	765278.48	7633172.11	2023 05
Fabaceae	*Acacia levata*		P3	3	765292.87	7633131.17	2023 05
Fabaceae	*Acacia levata*		P3	4	765309.94	7633132.13	2023 05
Fabaceae	*Acacia levata*		P3	6	765325.75	7633144.29	2023 05
Fabaceae	*Acacia levata*		P3	3	765353.30	7633094.63	2023 05
Fabaceae	*Acacia levata*		P3	7	765371.19	7633165.74	2023 05
Fabaceae	*Acacia levata*		P3	1	765537.80	7633087.96	2023 05
Fabaceae	*Acacia levata*		P3	30	765543.32	7633006.92	2023 05
Fabaceae	*Acacia levata*		P3	1	765612.96	7633111.18	2023 05
Phyllanthaceae	*Phyllanthus hebecarpus*		P3	1	726193.51	7651424.16	2022 04
Poaceae	*Eragrostis crateriformis*		P3	1	771262.82	7642827.51	2024 05
Amaranthaceae	*Ptilotus mollis*		P4	1	732951.99	7650852.24	2022 04
Amaranthaceae	*Ptilotus mollis*		P4	20	732891.70	7650611.24	2022 10
Amaranthaceae	*Ptilotus mollis*		P4	20	732914.11	7650823.87	2022 10
Amaranthaceae	*Ptilotus mollis*		P4	20	732930.59	7650576.45	2022 10
Amaranthaceae	*Ptilotus mollis*		P4	20	732945.51	7650423.69	2022 10
Amaranthaceae	*Ptilotus mollis*		P4	40	733265.64	7652628.48	2022 10
Cyperaceae	*Bulbostylis burbidgeae*		P4	12	825722.91	7636930.54	2023 05
Cyperaceae	*Bulbostylis burbidgeae*		P4	1	825733.92	7636926.21	2023 05

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Cyperaceae	*Bulbostylis burbidgeae*		P4	5	825825.81	7639595.03	2023 05
Cyperaceae	*Bulbostylis burbidgeae*		P4	3	825851.54	7639624.67	2023 05
Cyperaceae	*Bulbostylis burbidgeae*		P4	30	829362.21	7638383.62	2023 05
Cyperaceae	*Bulbostylis burbidgeae*		P4	5	829370.83	7638348.40	2023 05
Cyperaceae	*Bulbostylis burbidgeae*		P4	5	829371.35	7638391.02	2023 05
Cyperaceae	*Bulbostylis burbidgeae*		P4	100	829373.73	7638364.25	2023 05
Cyperaceae	*Bulbostylis burbidgeae*		P4	20	829374.08	7638352.05	2023 05
Cyperaceae	*Bulbostylis burbidgeae*		P4	15	829416.53	7638250.18	2023 05
Cyperaceae	*Bulbostylis burbidgeae*		P4	5	832079.12	7639925.47	2023 05
Cyperaceae	*Bulbostylis burbidgeae*		P4	200	832105.82	7639941.62	2023 05

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APPENDIX K – THREATENED AND PRIORITY FLORA REPORT FORMS

Department of Biodiversity, Conservation and Attractions

Threatened and Priority Flora Report Form

Version 1.4 March 2021

Please complete as much of the form as possible, with emphasis on those sections bordered in black. For information on how to complete the form please refer to the Threatened & Priority Flora Report Form (TPRF) manual on the DBCA website at www.dpaw.wa.gov.au/plants-and-animals/threatened-species-and-communities/threatened-plants

TAXON: Gymnanthera cunninghamii **TPFL Pop. No:**

OBSERVATION DATE: 27/05/2024 **CONSERVATION STATUS:** P3 **New population** ☐

OBSERVER/S: Megan Gray **PHONE**

ROLE: Ecologist **ORGANISATION:** Focused Vision Consulting

EMAIL: projects@focusedvision.com.au

DESCRIPTION OF LOCATION (Provide at least nearest town/named locality, and the distance and direction to that place)**:**

Ca. 14.4 km south of Marble Bar

Reserve No:

DBCA DISTRICT: **LGA:** Shire of East Pilbara Land manager present: ☐

DATUM:

GDA94 / MGA94 ☐
AGD84 / AMG84 ☐
WGS84 ☒
Unknown ☐

COORDINATES: (If UTM coords provided, w**Zone** is also required)

DecDegrees ☐ DegMinSec ☐ UTMs ☐

Lat / Northing: -21.29978063

Long / Easting: 119.7190526

ZONE:

METHOD USED:

GPS ☒ Differential GPS ☐ Map ☐

No. satellites: ___ Map used: _____

Boundary polygon captured: ☐ Map scale: _____

LAND TENURE:

Nature reserve ☐	Timber reserve ☐	Private property ☐	Rail reserve ☐	Shire road reserve ☐
National park ☐	State forest ☐	Pastoral lease ☐	MRWA road reserve ☐	Other Crown reserve ☐
Conservation park ☐	Water reserve ☐	UCL ☐	SLK/Pole _____ to _____	Specify other: _____

AREA ASSESSMENT: Edge survey ☐ Partial survey ☐ Full survey ☐ Area observed (m²): _____

EFFORT: Time spent surveying (minutes): _____ No. of minutes spent / 100 m²: _____

POP'N COUNT ACCURACY: Actual ☒ Extrapolation ☐ Estimate ☐ Count method: _____ (Refer to field manual for list)

WHAT COUNTED: Plants ☐ Clumps ☐ Clonal stems ☐

TOTAL POP'N STRUCTURE:	**Mature:**	**Juveniles:**	**Seedlings:**	**Totals:**
Alive	1			1
Dead				

Area of pop (m²):

Note: Pls record count as numbers (not percentages) for database.

QUADRATS PRESENT: No. ___ Size _____ Data attached ☐ Total area of quadrats (m²): _____

Summary Quad. Totals: Alive				

REPRODUCTIVE STATE: Clonal ☐ Vegetative ☐ Flowerbud ☒ Flower ☐

Immature fruit ☐ Fruit ☐ Dehisced fruit ☐ Percentage in flower: _____%

CONDITION OF PLANTS: Healthy ☐ Moderate ☐ Poor ☐ Senescent ☐

COMMENT:

THREATS - type, agent and supporting information: Eg clearing, too frequent fire, weed, disease. Refer to field manual for list of threats & agents. **Specify agent** where relevant. Rate current and potential threat impact: N=Nil, L=Low, M=Medium, H=High, E=Extreme Estimate time to potential impact: S=Short (<12mths), M=Medium (<5yrs), L=Long (5yrs+)	**Current impact (N-E)**	**Potential Impact (L-E)**	**Potential Threat Onset (S-L)**
• Graizing Weeds	M	M	M
•			
•			

Please return completed form to **Species And Communities Program** DBCA,
Locked Bag 104, BENTLEY DELIVERY CENTRE WA 6983 **OR** email to: flora.data@dbca.wa.gov.au

RECORDS: Please forward to **Flora Administrative Officer,** Species and Communities Program.

Record entered by:_____ **Sheet No.:**_____ **Record Entered in Database** ❑

Department of Biodiversity, Conservation and Attractions

Threatened and Priority Flora Report Form

Version 1.4 March 2021

HABITAT INFORMATION:

LANDFORM:
Crest ☐
Hill ☐
Ridge ☐
Outcrop ☐
Slope ☐
Flat ☐
Open depression ☐
Drainage line ☒
Closed depression ☐
Wetland ☐

ROCK TYPE:
Granite ☐
Dolerite ☐
Laterite ☐
Ironstone ☐
Limestone ☐
Quartz ☐
Specify other: _____

LOOSE ROCK:
(on soil surface; eg gravel, quartz fields)
0-10% ☐
10-30% ☐
30-50% ☐
50-100% ☐

SOIL TYPE:
Sand ☒
Sandy loam ☐
Loam ☐
Clay loam ☐
Light clay ☐
Peat ☐
Specify other: _____

SOIL COLOUR:
Red ☐
Brown ☐
Yellow ☐
White ☐
Grey ☒
Black ☐
Specify other: Orange

DRAINAGE:
Well drained ☐
Seasonally inundated ☒
Permanently inundated ☐
Tidal ☐

Specific **Landform** Element: _____
(Refer to field manual for additional values)

CONDITION OF SOIL: Dry ☐ Moist ☐ Waterlogged ☐ Inundated ☐

VEGETATION CLASSIFICATION*:
Eg: **1**. Banksia woodland (B. attenuata, B. ilicifolia); **2**. Open shrubland (Hibbertia sp., Acacia spp.) ; **3**. Isolated clumps of sedges (M.tetragona)

1. Eucalyptus camaldulensis subsp. refulgens and Melaleuca argentea Open Mid Woodland
2. Acacia sericophylla, Acacia trachycarpa, Melaleuca glomerata and Melaleuca linophylla Tall Sparse Shrubland
3. *Cenchrus setiger and Triodia longiceps Sparse Mid Tussock Grassland.
4.

ASSOCIATED SPECIES:

Other (non-dominant) spp

* Please record up to four of the most representative vegetation layers (with up to three dominant species in each layer). Structural Formations should follow 2009 *Australian Soil and Land Survey Field Handbook* guidelines – refer to field manual for further information and structural formation table.

CONDITION OF HABITAT: Pristine ☐ Excellent ☐ Very good ☒ Good ☐ Degraded ☐ Completely degraded ☐

COMMENT:

FIRE HISTORY: **Last Fire:** Season/Month: _____ Year: _____ **Fire Intensity:** High ☐ Medium ☐ Low ☐ No signs of fire ☐

FENCING: Not required ☐ Present ☐ Replace / repair ☐ Required ☐ Length req'd: _____

ROADSIDE MARKERS: Not required ☐ Present ☐ Replace / reposition ☐ Required ☐ Quantity req'd: _____

OTHER COMMENTS: (Please include recommended management actions and/or implemented actions - include date. Also include details of additional data available, and how to locate it.)

FLORA AUTHORISATION / LICENCE No: FB62000334 Note if only observing plants (i.e. no specimens or plant matieral is taken) then no authorisation/licence is required. For further information on authorisation and licening requirements see the Threatened Flora and Wildlife Licensing pages on DBCA's website. Any actions carried out under authorisations/licences should be recorded above in the OTHER COMMENTS section.

SPECIMEN: Collectors No: EP35.02 WA Herb. ☒ Regional Herb. ☐ District Herb. ☐ Other: _____

LODGEMENT: WA Herb Lodgement No: _____

ATTACHED: Map ☐ Mudmap ☐ Photo ☒ GIS data ☐ Field notes ☒ Other: _____

COPY SENT TO: Regional Office ☐ District Office ☐ Other: _____

Submitter of Record: O.Nazarova Role: Botanist Signed: ON Date: 18/11/2024

Please return completed form to **Species And Communities Program** DBCA,
Locked Bag 104, BENTLEY DELIVERY CENTRE WA 6983 **OR** email to: flora.data@dbca.wa.gov.au

RECORDS: Please forward to **Flora Administrative Officer,** Species and Communities Program.

Record entered by:_____ **Sheet No.:**_____ **Record Entered in Database** ❑

Department of Biodiversity, Conservation and Attractions

Threatened and Priority Flora Report Form

Version 1.4 March 2021

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TAXON: Heliotropium murinum **TPFL Pop. No:**

OBSERVATION DATE: 10/08/2024 **CONSERVATION STATUS:** P3 **New population** ☐

OBSERVER/S: Aishwarya Gujarathi **PHONE**

ROLE: Ecologist **ORGANISATION:** Focused Vision Consulting

EMAIL: projects@focusedvision.com.au

DESCRIPTION OF LOCATION (Provide at least nearest town/named locality, and the distance and direction to that place)**:**

Ca. 40.8 km SE of Marble Bar

Reserve No:

DBCA DISTRICT: **LGA:** Shire of East Pilbara Land manager present: ☐

DATUM:

GDA94 / MGA94 ☐
AGD84 / AMG84 ☐
WGS84 ☒
Unknown ☐

COORDINATES: (If UTM coords provided, **Zone** is also required)

DecDegrees ☐ DegMinSec ☐ UTMs ☐

Lat / Northing: -21.327271

Long / Easting: 120.102493

ZONE:

METHOD USED:

GPS ☒ Differential GPS ☐ Map ☐

No. satellites: ___ Map used: _____

Boundary polygon captured: ☐ Map scale: _____

LAND TENURE:

Nature reserve ☐ Timber reserve ☐ Private property ☐ Rail reserve ☐ Shire road reserve ☐
National park ☐ State forest ☐ Pastoral lease ☐ MRWA road reserve ☐ Other Crown reserve ☐
Conservation park ☐ Water reserve ☐ UCL ☐ SLK/Pole _____ to _____ Specify other: _____

AREA ASSESSMENT: Edge survey ☐ Partial survey ☐ Full survey ☐ Area observed (m²): _____

EFFORT: Time spent surveying (minutes): _____ No. of minutes spent / 100 m²: _____

POP'N COUNT ACCURACY: Actual ☐ Extrapolation ☐ Estimate ☐ Count method: _____
(Refer to field manual for list)

WHAT COUNTED: Plants ☐ Clumps ☐ Clonal stems ☐

TOTAL POP'N STRUCTURE:	**Mature:**	**Juveniles:**	**Seedlings:**	**Totals:**
Alive	10	3		13
Dead				

Area of pop (m²): 83842.5

Note: Pls record count as numbers (not percentages) for database.

QUADRATS PRESENT: No. ___ Size _____ Data attached ☐ Total area of quadrats (m²): _____

Summary Quad. Totals: Alive				

REPRODUCTIVE STATE: Clonal ☐ Vegetative ☐ Flowerbud ☐ Flower ☒
Immature fruit ☐ Fruit ☒ Dehisced fruit ☐ Percentage in flower: _____%

CONDITION OF PLANTS: Healthy ☐ Moderate ☐ Poor ☐ Senescent ☐

COMMENT:

THREATS - type, agent and supporting information: Eg clearing, too frequent fire, weed, disease. Refer to field manual for list of threats & agents. **Specify agent** where relevant. Rate current and potential threat impact: N=Nil, L=Low, M=Medium, H=High, E=Extreme Estimate time to potential impact: S=Short (<12mths), M=Medium (<5yrs), L=Long (5yrs+)	**Current impact (N-E)**	**Potential Impact (L-E)**	**Potential Threat Onset (S-L)**
• Graizing Weeds	L	L	M
•			
•			

Please return completed form to **Species And Communities Program** DBCA,
Locked Bag 104, BENTLEY DELIVERY CENTRE WA 6983 **OR** email to: flora.data@dbca.wa.gov.au

RECORDS: Please forward to **Flora Administrative Officer,** Species and Communities Program.

Record entered by:_____ **Sheet No.:**_____ **Record Entered in Database** ❑

Department of Biodiversity, Conservation and Attractions

Threatened and Priority Flora Report Form

Version 1.4 March 2021

HABITAT INFORMATION:

LANDFORM:
Crest ☐
Hill ☐
Ridge ☐
Outcrop ☐
Slope ☐
Flat ☒
Open depression ☐
Drainage line ☐
Closed depression ☐
Wetland ☐

ROCK TYPE:
Granite ☐
Dolerite ☐
Laterite ☐
Ironstone ☐
Limestone ☐
Quartz ☐
Specify other: _____

LOOSE ROCK:
(on soil surface; eg gravel, quartz fields)
0-10% ☐
10-30% ☐
30-50% ☐
50-100% ☐

SOIL TYPE:
Sand ☐
Sandy loam ☐
Loam ☒
Clay loam ☐
Light clay ☐
Peat ☐
Specify other: _____

SOIL COLOUR:
Red ☐
Brown ☒
Yellow ☐
White ☐
Grey ☐
Black ☐
Specify other: _____

DRAINAGE:
Well drained ☐
Seasonally inundated ☐
Permanently inundated ☐
Tidal ☐

Specific **Landform** Element: _____
(Refer to field manual for additional values)

CONDITION OF SOIL: Dry ☐ Moist ☐ Waterlogged ☐ Inundated ☐

VEGETATION CLASSIFICATION*:
Eg: **1**. Banksia woodland (B. attenuata, B. ilicifolia); **2**. Open shrubland (Hibbertia sp., Acacia spp.) ; **3**. Isolated clumps of sedges (M.tetragona)

1. Acacia inaequilatera and Grevillea pyramidalis subsp. leucadendron Tall Sparse Shrubland
2. Acacia ancistrocarpa and Corchorus parviflorus Isolated Mid Shrubs
3. Triodia epactia Mid Hummock Grassland.
4.

ASSOCIATED SPECIES:

Other (non-dominant) spp

* Please record up to four of the most representative vegetation layers (with up to three dominant species in each layer). Structural Formations should follow 2009 *Australian Soil and Land Survey Field Handbook* guidelines – refer to field manual for further information and structural formation table.

CONDITION OF HABITAT: Pristine ☐ Excellent ☒ Very good ☒ Good ☐ Degraded ☐ Completely degraded ☐

COMMENT:

FIRE HISTORY: **Last Fire:** Season/Month: _____ Year: _____ **Fire Intensity:** High ☐ Medium ☐ Low ☐ No signs of fire ☐

FENCING: Not required ☐ Present ☐ Replace / repair ☐ Required ☐ Length req'd: _____

ROADSIDE MARKERS: Not required ☐ Present ☐ Replace / reposition ☐ Required ☐ Quantity req'd: _____

OTHER COMMENTS: (Please include recommended management actions and/or implemented actions - include date. Also include details of additional data available, and how to locate it.)

AG02 is the same specimen as the vouchered FMG09

Coordinates defining the population boundary:

-21.327271,120.102493
-21.325750,120.101879
-21.325963,120.105238
-21.3241713,120.1059700
-21.3241570,120.1040939

FLORA AUTHORISATION / LICENCE No: FB62000581 Note if only observing plants (i.e. no specimens or plant matieral is taken) then no authorisation/licence is required. For further information on authorisation and licening requirements see the Threatened Flora and Wildlife Licensing pages on DBCA's website. Any actions carried out under authorisations/licences should be recorded above in the OTHER COMMENTS section.

SPECIMEN: Collectors No: AG02 WA Herb. ☒ Regional Herb. ☐ District Herb. ☐ Other: _____

LODGEMENT: WA Herb Lodgement No: _____

ATTACHED: Map ☐ Mudmap ☐ Photo ☐ GIS data ☐ Field notes ☒ Other: _____

COPY SENT TO: Regional Office ☐ District Office ☐ Other: _____

Submitter of Record: O.Nazarova Role: Botanist Signed: ON Date: 18/11/2024

Please return completed form to **Species And Communities Program** DBCA,
Locked Bag 104, BENTLEY DELIVERY CENTRE WA 6983 **OR** email to: flora.data@dbca.wa.gov.au

RECORDS: Please forward to **Flora Administrative Officer,** Species and Communities Program.

Record entered by:_____ **Sheet No.:**_____ **Record Entered in Database** ❑

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Threatened and Priority Flora Report Form

Version 1.4 March 2021

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TAXON: Heliotropium murinum **TPFL Pop. No:**

OBSERVATION DATE: 13/08/2024 **CONSERVATION STATUS:** P3 **New population** ☐

OBSERVER/S: Megan Gray **PHONE**

ROLE: Ecologist **ORGANISATION:** Focused Vision Consulting

EMAIL: projects@focusedvision.com.au

DESCRIPTION OF LOCATION (Provide at least nearest town/named locality, and the distance and direction to that place)**:**

Ca. 35.9 km SE of Marble Bar

Reserve No:

DBCA DISTRICT: **LGA:** Shire of East Pilbara Land manager present: ☐

DATUM:

GDA94 / MGA94 ☐
AGD84 / AMG84 ☐
WGS84 ☒
Unknown ☐

COORDINATES: (If UTM coords provided, **Zone** is also required)

DecDegrees ☐ DegMinSec ☐ UTMs ☐

Lat / Northing: -21.4357454

Long / Easting: 119.9487485

ZONE:

METHOD USED:

GPS ☒ Differential GPS ☐ Map ☐

No. satellites: ___ Map used: _____

Boundary polygon captured: ☐ Map scale: _____

LAND TENURE:

Nature reserve ☐	Timber reserve ☐	Private property ☐	Rail reserve ☐	Shire road reserve ☐
National park ☐	State forest ☐	Pastoral lease ☐	MRWA road reserve ☐	Other Crown reserve ☐
Conservation park ☐	Water reserve ☐	UCL ☐	SLK/Pole _____ to _____	Specify other: _____

AREA ASSESSMENT: Edge survey ☐ Partial survey ☐ Full survey ☐ Area observed (m²): _____

EFFORT: Time spent surveying (minutes): _____ No. of minutes spent / 100 m²: _____

POP'N COUNT ACCURACY: Actual ☐ Extrapolation ☐ Estimate ☐ Count method: _____ (Refer to field manual for list)

WHAT COUNTED: Plants ☐ Clumps ☐ Clonal stems ☐

TOTAL POP'N STRUCTURE:

	Mature:	Juveniles:	Seedlings:	Totals:
Alive	4	2		6
Dead				

Area of pop (m²): 63604.5

Note: Pls record count as numbers (not percentages) for database.

QUADRATS PRESENT: No. ___ Size _____ Data attached ☐ Total area of quadrats (m²): _____

Summary Quad. Totals: Alive				

REPRODUCTIVE STATE: Clonal ☐ Vegetative ☐ Flowerbud ☐ Flower ☒

Immature fruit ☐ Fruit ☒ Dehisced fruit ☐ Percentage in flower: _____%

CONDITION OF PLANTS: Healthy ☐ Moderate ☐ Poor ☐ Senescent ☐

COMMENT:

THREATS - type, agent and supporting information: Eg clearing, too frequent fire, weed, disease. Refer to field manual for list of threats & agents. **Specify agent** where relevant. Rate current and potential threat impact: N=Nil, L=Low, M=Medium, H=High, E=Extreme Estimate time to potential impact: S=Short (<12mths), M=Medium (<5yrs), L=Long (5yrs+)	**Current impact (N-E)**	**Potential Impact (L-E)**	**Potential Threat Onset (S-L)**
• Mining	L	L	M
•			
•			

Please return completed form to **Species And Communities Program** DBCA,
Locked Bag 104, BENTLEY DELIVERY CENTRE WA 6983 **OR** email to: flora.data@dbca.wa.gov.au

RECORDS: Please forward to **Flora Administrative Officer,** Species and Communities Program.

Record entered by:_____ **Sheet No.:**_____ **Record Entered in Database** ❑

Department of Biodiversity, Conservation and Attractions

Threatened and Priority Flora Report Form

Version 1.4 March 2021

HABITAT INFORMATION:

LANDFORM:
Crest ☐
Hill ☐
Ridge ☐
Outcrop ☐
Slope ☐
Flat ☒
Open depression ☐
Drainage line ☐
Closed depression ☐
Wetland ☐

ROCK TYPE:
Granite ☐
Dolerite ☐
Laterite ☐
Ironstone ☐
Limestone ☐
Quartz ☐
Specify other: _____

LOOSE ROCK:
(on soil surface; eg gravel, quartz fields)
0-10% ☐
10-30% ☐
30-50% ☐
50-100% ☐

SOIL TYPE:
Sand ☐
Sandy loam ☐
Loam ☒
Clay loam ☒
Light clay ☐
Peat ☐
Specify other: _____

SOIL COLOUR:
Red ☐
Brown ☐
Yellow ☐
White ☐
Grey ☐
Black ☐
Specify other: Orange

DRAINAGE:
Well drained ☐
Seasonally inundated ☐
Permanently inundated ☐
Tidal ☐

Specific **Landform** Element: _____
(Refer to field manual for additional values)

CONDITION OF SOIL: Dry ☐ Moist ☐ Waterlogged ☐ Inundated ☐

VEGETATION CLASSIFICATION*:
Eg: **1**. Banksia woodland (B. attenuata, B. ilicifolia); **2**. Open shrubland (Hibbertia sp., Acacia spp.) ; **3**. Isolated clumps of sedges (M.tetragona)

1. Acacia inaequilatera and Grevillea pyramidalis subsp. leucadendron Tall Sparse Shrubland
2. Acacia ancistrocarpa and Corchorus parviflorus Isolated Mid Shrubs
3. Triodia epactia Mid Hummock Grassland.
4.

ASSOCIATED SPECIES:

Other (non-dominant) spp

* Please record up to four of the most representative vegetation layers (with up to three dominant species in each layer). Structural Formations should follow 2009 *Australian Soil and Land Survey Field Handbook* guidelines – refer to field manual for further information and structural formation table.

CONDITION OF HABITAT: Pristine ☐ Excellent ☒ Very good ☒ Good ☐ Degraded ☐ Completely degraded ☐

COMMENT:

FIRE HISTORY: **Last Fire:** Season/Month: _____ Year: _____ **Fire Intensity:** High ☐ Medium ☐ Low ☐ No signs of fire ☐

FENCING: Not required ☐ Present ☐ Replace / repair ☐ Required ☐ Length req'd: _____

ROADSIDE MARKERS: Not required ☐ Present ☐ Replace / reposition ☐ Required ☐ Quantity req'd: _____

OTHER COMMENTS: (Please include recommended management actions and/or implemented actions - include date. Also include details of additional data available, and how to locate it.)

FA06 is the same specimen as the vouchered FA05.

Coordinates defining the population boundary:

-21.4357454,119.9487485

-21.4355562,119.9472610

-21.4304614,119.9480393

FLORA AUTHORISATION / LICENCE No: FB62000334 Note if only observing plants (i.e. no specimens or plant matieral is taken) then no authorisation/licence is required. For further information on authorisation and licening requirements see the Threatened Flora and Wildlife Licensing pages on DBCA's website. Any actions carried out under authorisations/licences should be recorded above in the OTHER COMMENTS section.

SPECIMEN: Collectors No: FA06 WA Herb. ☒ Regional Herb. ☐ District Herb. ☐ Other: _____

LODGEMENT: WA Herb Lodgement No: _____

ATTACHED: Map ☐ Mudmap ☐ Photo ☐ GIS data ☐ Field notes ☒ Other: _____

COPY SENT TO: Regional Office ☐ District Office ☐ Other: _____

Submitter of Record: O.Nazarova Role: Botanist Signed: ON Date: 18/11/2024

Please return completed form to **Species And Communities Program** DBCA,
Locked Bag 104, BENTLEY DELIVERY CENTRE WA 6983 **OR** email to: flora.data@dbca.wa.gov.au

RECORDS: Please forward to **Flora Administrative Officer,** Species and Communities Program.

Record entered by:_____ **Sheet No.:**_____ **Record Entered in Database** ❑

Department of Biodiversity, Conservation and Attractions

Threatened and Priority Flora Report Form

Version 1.4 March 2021

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TAXON: Heliotropium murinum **TPFL Pop. No:**

OBSERVATION DATE: 13/08/2024 **CONSERVATION STATUS:** P3 **New population** ☐

OBSERVER/S: Megan Gray **PHONE**

ROLE: Ecologist **ORGANISATION:** Focused Vision Consulting

EMAIL: projects@focusedvision.com.au

DESCRIPTION OF LOCATION (Provide at least nearest town/named locality, and the distance and direction to that place)**:**

Ca. 38.7 km SE of Marble Bar

Reserve No:

DBCA DISTRICT: **LGA:** Shire of East Pilbara Land manager present: ☐

DATUM:

GDA94 / MGA94 ☐
AGD84 / AMG84 ☐
WGS84 ☒
Unknown ☐

COORDINATES: (If UTM coords provided, **Zone** is also required)

DecDegrees ☐ DegMinSec ☐ UTMs ☐

Lat / Northing: -21.4803544

Long / Easting: 119.9211427

ZONE:

METHOD USED:

GPS ☒ Differential GPS ☐ Map ☐

No. satellites: ___ Map used: _____

Boundary polygon captured: ☐ Map scale: _____

LAND TENURE:

Nature reserve ☐	Timber reserve ☐	Private property ☐	Rail reserve ☐	Shire road reserve ☐
National park ☐	State forest ☐	Pastoral lease ☐	MRWA road reserve ☐	Other Crown reserve ☐
Conservation park ☐	Water reserve ☐	UCL ☐	SLK/Pole _____ to _____	Specify other: _____

AREA ASSESSMENT: Edge survey ☐ Partial survey ☐ Full survey ☐ Area observed (m²): _____

EFFORT: Time spent surveying (minutes): _____ No. of minutes spent / 100 m²: _____

POP'N COUNT ACCURACY: Actual ☐ Extrapolation ☐ Estimate ☐ Count method: _____ (Refer to field manual for list)

WHAT COUNTED: Plants ☐ Clumps ☐ Clonal stems ☐

TOTAL POP'N STRUCTURE:	**Mature:**	**Juveniles:**	**Seedlings:**	**Totals:**
Alive	750	258		1008
Dead				

Area of pop (m²): 8597.61

Note: Pls record count as numbers (not percentages) for database.

QUADRATS PRESENT: No. ___ Size _____ Data attached ☐ Total area of quadrats (m²): _____

Summary Quad. Totals: Alive				

REPRODUCTIVE STATE: Clonal ☐ Vegetative ☐ Flowerbud ☐ Flower ☒

Immature fruit ☐ Fruit ☒ Dehisced fruit ☐ Percentage in flower: _____%

CONDITION OF PLANTS: Healthy ☐ Moderate ☐ Poor ☐ Senescent ☐

COMMENT:

THREATS - type, agent and supporting information: Eg clearing, too frequent fire, weed, disease. Refer to field manual for list of threats & agents. **Specify agent** where relevant. Rate current and potential threat impact: N=Nil, L=Low, M=Medium, H=High, E=Extreme Estimate time to potential impact: S=Short (<12mths), M=Medium (<5yrs), L=Long (5yrs+)	**Current impact (N-E)**	**Potential Impact (L-E)**	**Potential Threat Onset (S-L)**
• Graizing Weeds	L	L	M
•			
•			

Please return completed form to **Species And Communities Program** DBCA,
Locked Bag 104, BENTLEY DELIVERY CENTRE WA 6983 **OR** email to: flora.data@dbca.wa.gov.au

RECORDS: Please forward to **Flora Administrative Officer,** Species and Communities Program.

Record entered by:_____ **Sheet No.:**_____ **Record Entered in Database** ❑

Department of Biodiversity, Conservation and Attractions

Threatened and Priority Flora Report Form

Version 1.4 March 2021

HABITAT INFORMATION:

LANDFORM:
Crest ☐
Hill ☐
Ridge ☐
Outcrop ☐
Slope ☐
Flat ☒
Open depression ☐
Drainage line ☐
Closed depression ☐
Wetland ☐

ROCK TYPE:
Granite ☐
Dolerite ☐
Laterite ☐
Ironstone ☐
Limestone ☐
Quartz ☐
Specify other: _____

LOOSE ROCK:
(on soil surface; eg gravel, quartz fields)
0-10% ☐
10-30% ☐
30-50% ☐
50-100% ☐

SOIL TYPE:
Sand ☐
Sandy loam ☐
Loam ☒
Clay loam ☒
Light clay ☐
Peat ☐
Specify other: _____

SOIL COLOUR:
Red ☐
Brown ☐
Yellow ☐
White ☐
Grey ☐
Black ☐
Specify other: Orange

DRAINAGE:
Well drained ☐
Seasonally inundated ☐
Permanently inundated ☐
Tidal ☐

Specific **Landform** Element: _____
(Refer to field manual for additional values)

CONDITION OF SOIL: Dry ☐ Moist ☐ Waterlogged ☐ Inundated ☐

VEGETATION CLASSIFICATION*:
Eg: **1**. Banksia woodland (B. attenuata, B. ilicifolia); **2**. Open shrubland (Hibbertia sp., Acacia spp.) ; **3**. Isolated clumps of sedges (M.tetragona)

1. Acacia stellaticeps and Acacia inaequilatera Low Sparse Shrubland
2. Pluchea ferdinandi-muelleri Isolated Mid Shrubs
3. Triodia longiceps and Triodia wiseana Mid Hummock Grassland.
4.

ASSOCIATED SPECIES:

Other (non-dominant) spp

* Please record up to four of the most representative vegetation layers (with up to three dominant species in each layer). Structural Formations should follow 2009 *Australian Soil and Land Survey Field Handbook* guidelines – refer to field manual for further information and structural formation table.

CONDITION OF HABITAT: Pristine ☐ Excellent ☒ Very good ☒ Good ☐ Degraded ☐ Completely degraded ☐

COMMENT:

FIRE HISTORY: **Last Fire:** Season/Month: _____ Year: _____ **Fire Intensity:** High ☐ Medium ☐ Low ☐ No signs of fire ☐

FENCING: Not required ☐ Present ☐ Replace / repair ☐ Required ☐ Length req'd: _____

ROADSIDE MARKERS: Not required ☐ Present ☐ Replace / reposition ☐ Required ☐ Quantity req'd: _____

OTHER COMMENTS: (Please include recommended management actions and/or implemented actions - include date. Also include details of additional data available, and how to locate it.)

FA08 is the same as the vouchered FA05

Coordinates defining the population boundary:

-21.4803544,119.9211427

-21.4832813,119.9210608

-21.4807680,119.9250346

-21.4833770,119.9246001

FLORA AUTHORISATION / LICENCE No: FB62000334 Note if only observing plants (i.e. no specimens or plant matieral is taken) then no authorisation/licence is required. For further information on authorisation and licening requirements see the Threatened Flora and Wildlife Licensing pages on DBCA's website. Any actions carried out under authorisations/licences should be recorded above in the OTHER COMMENTS section.

SPECIMEN: Collectors No: FA08 WA Herb. ☒ Regional Herb. ☐ District Herb. ☐ Other: _____

LODGEMENT: WA Herb Lodgement No: _____

ATTACHED: Map ☐ Mudmap ☐ Photo ☐ GIS data ☐ Field notes ☒ Other: _____

COPY SENT TO: Regional Office ☐ District Office ☐ Other: _____

Submitter of Record: O.Nazarova Role: Botanist Signed: ON Date: 18/11/2024

Please return completed form to **Species And Communities Program** DBCA,
Locked Bag 104, BENTLEY DELIVERY CENTRE WA 6983 **OR** email to: flora.data@dbca.wa.gov.au

RECORDS: Please forward to **Flora Administrative Officer,** Species and Communities Program.

Record entered by:_____ **Sheet No.:**_____ **Record Entered in Database** ❑

Department of Biodiversity, Conservation and Attractions

Threatened and Priority Flora Report Form

Version 1.4 March 2021

Please complete as much of the form as possible, with emphasis on those sections bordered in black. For information on how to complete the form please refer to the Threatened & Priority Flora Report Form (TPRF) manual on the DBCA website at www.dpaw.wa.gov.au/plants-and-animals/threatened-species-and-communities/threatened-plants

TAXON: Heliotropium murinum **TPFL Pop. No:**

OBSERVATION DATE: 12/08/2024 **CONSERVATION STATUS:** P3 **New population** ☐

OBSERVER/S: Megan Gray **PHONE**

ROLE: Ecologist **ORGANISATION:** Focused Vision Consulting

EMAIL: projects@focusedvision.com.au

DESCRIPTION OF LOCATION (Provide at least nearest town/named locality, and the distance and direction to that place)**:**

Ca. 28.2 km SE of Marble Bar

Reserve No:

DBCA DISTRICT: **LGA:** Shire of East Pilbara Land manager present: ☐

DATUM:
GDA94 / MGA94 ☐
AGD84 / AMG84 ☐
WGS84 ☒
Unknown ☐

COORDINATES: (If UTM coords provided, **Zone** is also required)
DecDegrees ☐ DegMinSec ☐ UTMs ☐

Lat / Northing: -21.4058819

Long / Easting: 119.8543863

ZONE:

METHOD USED:
GPS ☒ Differential GPS ☐ Map ☐

No. satellites: ___ Map used: _____

Boundary polygon captured: ☐ Map scale: _____

LAND TENURE:

Nature reserve ☐	Timber reserve ☐	Private property ☐	Rail reserve ☐	Shire road reserve ☐
National park ☐	State forest ☐	Pastoral lease ☐	MRWA road reserve ☐	Other Crown reserve ☐
Conservation park ☐	Water reserve ☐	UCL ☐	SLK/Pole _____ to _____	Specify other: _____

AREA ASSESSMENT: Edge survey ☐ Partial survey ☐ Full survey ☐ Area observed (m²): _____

EFFORT: Time spent surveying (minutes): _____ No. of minutes spent / 100 m²: _____

POP'N COUNT ACCURACY: Actual ☐ Extrapolation ☐ Estimate ☐ Count method: _____ (Refer to field manual for list)

WHAT COUNTED: Plants ☐ Clumps ☐ Clonal stems ☐

TOTAL POP'N STRUCTURE:

	Mature:	Juveniles:	Seedlings:	Totals:
Alive	5	1		6
Dead				

Area of pop (m²): 23235.9

Note: Pls record count as numbers (not percentages) for database.

QUADRATS PRESENT: No. ___ Size _____ Data attached ☐ Total area of quadrats (m²): _____

Summary Quad. Totals: Alive				

REPRODUCTIVE STATE: Clonal ☐ Vegetative ☐ Flowerbud ☐ Flower ☒
Immature fruit ☐ Fruit ☒ Dehisced fruit ☐ Percentage in flower: _____%

CONDITION OF PLANTS: Healthy ☐ Moderate ☐ Poor ☐ Senescent ☐

COMMENT:

THREATS - type, agent and supporting information: Eg clearing, too frequent fire, weed, disease. Refer to field manual for list of threats & agents. **Specify agent** where relevant. Rate current and potential threat impact: N=Nil, L=Low, M=Medium, H=High, E=Extreme Estimate time to potential impact: S=Short (<12mths), M=Medium (<5yrs), L=Long (5yrs+)	**Current impact (N-E)**	**Potential Impact (L-E)**	**Potential Threat Onset (S-L)**
• Graizing Weeds	L	L	M
•			
•			

Please return completed form to **Species And Communities Program** DBCA,
Locked Bag 104, BENTLEY DELIVERY CENTRE WA 6983 **OR** email to: flora.data@dbca.wa.gov.au

RECORDS: Please forward to **Flora Administrative Officer,** Species and Communities Program.

Record entered by:_____ **Sheet No.:**_____ **Record Entered in Database** ❑

Department of Biodiversity, Conservation and Attractions

Threatened and Priority Flora Report Form

Version 1.4 March 2021

HABITAT INFORMATION:

LANDFORM:
Crest ☐
Hill ☐
Ridge ☐
Outcrop ☐
Slope ☐
Flat ☒
Open depression ☐
Drainage line ☐
Closed depression ☐
Wetland ☐

ROCK TYPE:
Granite ☐
Dolerite ☐
Laterite ☐
Ironstone ☐
Limestone ☐
Quartz ☐
Specify other: _____

LOOSE ROCK:
(on soil surface; eg gravel, quartz fields)
0-10% ☐
10-30% ☐
30-50% ☐
50-100% ☐

SOIL TYPE:
Sand ☐
Sandy loam ☐
Loam ☒
Clay loam ☒
Light clay ☐
Peat ☐
Specify other: _____

SOIL COLOUR:
Red ☐
Brown ☒
Yellow ☐
White ☐
Grey ☐
Black ☐
Specify other:

DRAINAGE:
Well drained ☐
Seasonally inundated ☐
Permanently inundated ☐
Tidal ☐

Specific **Landform** Element: _____
(Refer to field manual for additional values)

CONDITION OF SOIL: Dry ☐ Moist ☐ Waterlogged ☐ Inundated ☐

VEGETATION CLASSIFICATION*:
Eg: **1**. Banksia woodland (B. attenuata, B. ilicifolia); **2**. Open shrubland (Hibbertia sp., Acacia spp.) ; **3**. Isolated clumps of sedges (M.tetragona)

1. Acacia inaequilatera, Acacia ancistrocarpa and Grevillea pyramidalis subsp. leucadendron Tall Sparse Shrubland
2. Corchorus parviflorus Low Isolated Shrubs
3. Triodia epactia Mid Hummock Grassland.
4.

ASSOCIATED SPECIES:

Other (non-dominant) spp

* Please record up to four of the most representative vegetation layers (with up to three dominant species in each layer). Structural Formations should follow 2009 *Australian Soil and Land Survey Field Handbook* guidelines – refer to field manual for further information and structural formation table.

CONDITION OF HABITAT: Pristine ☐ Excellent ☒ Very good ☒ Good ☐ Degraded ☐ Completely degraded ☐

COMMENT:

FIRE HISTORY: **Last Fire:** Season/Month: _____ Year: _____ **Fire Intensity:** High ☐ Medium ☐ Low ☐ No signs of fire ☐

FENCING: Not required ☐ Present ☐ Replace / repair ☐ Required ☐ Length req'd: _____

ROADSIDE MARKERS: Not required ☐ Present ☐ Replace / reposition ☐ Required ☐ Quantity req'd: _____

OTHER COMMENTS: (Please include recommended management actions and/or implemented actions - include date. Also include details of additional data available, and how to locate it.)

FMG24 is the same specimen as the vouchered EPM08.

Coordinates defining the population boundary:

-21.4058819,119.8543863

-21.4045322,119.8544627

-21.4060271,119.8518949

FLORA AUTHORISATION / LICENCE No: FB62000334 Note if only observing plants (i.e. no specimens or plant matieral is taken) then no authorisation/licence is required. For further information on authorisation and licening requirements see the Threatened Flora and Wildlife Licensing pages on DBCA's website. Any actions carried out under authorisations/licences should be recorded above in the OTHER COMMENTS section.

SPECIMEN: Collectors No: FMG24 WA Herb. ☒ Regional Herb. ☐ District Herb. ☐ Other: _____

LODGEMENT: WA Herb Lodgement No: _____

ATTACHED: Map ☐ Mudmap ☐ Photo ☒ GIS data ☐ Field notes ☒ Other: _____

COPY SENT TO: Regional Office ☐ District Office ☐ Other: _____

Submitter of Record: O.Nazarova Role: Botanist Signed: ON Date: 18/11/2024

Please return completed form to **Species And Communities Program** DBCA,
Locked Bag 104, BENTLEY DELIVERY CENTRE WA 6983 **OR** email to: flora.data@dbca.wa.gov.au

RECORDS: Please forward to **Flora Administrative Officer,** Species and Communities Program.

Record entered by:_____ **Sheet No.:**_____ **Record Entered in Database** ❑

Department of Biodiversity, Conservation and Attractions

Threatened and Priority Flora Report Form

Version 1.4 March 2021

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TAXON: Heliotropium murinum **TPFL Pop. No:**

OBSERVATION DATE: 13/08/2024 **CONSERVATION STATUS:** P3 **New population** ☐

OBSERVER/S: Megan Gray **PHONE**

ROLE: Ecologist **ORGANISATION:** Focused Vision Consulting

EMAIL: projects@focusedvision.com.au

DESCRIPTION OF LOCATION (Provide at least nearest town/named locality, and the distance and direction to that place)**:**

Ca. 39.6 km SE of Marble Bar

Reserve No:

DBCA DISTRICT: **LGA:** Shire of East Pilbara Land manager present: ☐

DATUM:
GDA94 / MGA94 ☐
AGD84 / AMG84 ☐
WGS84 ☒
Unknown ☐

COORDINATES: (If UTM coords provided, **Zone** is also required)
DecDegrees ☐ DegMinSec ☐ UTMs ☐

Lat / Northing: -21.462866

Long / Easting: 119.961201

ZONE:

METHOD USED:
GPS ☒ Differential GPS ☐ Map ☐

No. satellites: ___ Map used: _____

Boundary polygon captured: ☐ Map scale: _____

LAND TENURE:

Nature reserve ☐	Timber reserve ☐	Private property ☐	Rail reserve ☐	Shire road reserve ☐
National park ☐	State forest ☐	Pastoral lease ☐	MRWA road reserve ☐	Other Crown reserve ☐
Conservation park ☐	Water reserve ☐	UCL ☐	SLK/Pole _____ to _____	Specify other: _____

AREA ASSESSMENT: Edge survey ☐ Partial survey ☐ Full survey ☐ Area observed (m²): _____

EFFORT: Time spent surveying (minutes): _____ No. of minutes spent / 100 m²: _____

POP'N COUNT ACCURACY: Actual ☐ Extrapolation ☐ Estimate ☐ Count method: _____ (Refer to field manual for list)

WHAT COUNTED: Plants ☐ Clumps ☐ Clonal stems ☐

TOTAL POP'N STRUCTURE:	**Mature:**	**Juveniles:**	**Seedlings:**	**Totals:**
Alive	34	10		44
Dead				

Area of pop (m²): 55083.2

Note: Pls record count as numbers (not percentages) for database.

QUADRATS PRESENT: No. ___ Size _____ Data attached ☐ Total area of quadrats (m²): _____

Summary Quad. Totals: Alive				

REPRODUCTIVE STATE: Clonal ☐ Vegetative ☐ Flowerbud ☐ Flower ☒
Immature fruit ☐ Fruit ☒ Dehisced fruit ☐ Percentage in flower: _____%

CONDITION OF PLANTS: Healthy ☐ Moderate ☐ Poor ☐ Senescent ☐

COMMENT:

THREATS - type, agent and supporting information: Eg clearing, too frequent fire, weed, disease. Refer to field manual for list of threats & agents. **Specify agent** where relevant. Rate current and potential threat impact: N=Nil, L=Low, M=Medium, H=High, E=Extreme Estimate time to potential impact: S=Short (<12mths), M=Medium (<5yrs), L=Long (5yrs+)	**Current impact (N-E)**	**Potential Impact (L-E)**	**Potential Threat Onset (S-L)**
• Graizing Weeds	L	L	M
•			
•			

Please return completed form to **Species And Communities Program** DBCA,
Locked Bag 104, BENTLEY DELIVERY CENTRE WA 6983 **OR** email to: flora.data@dbca.wa.gov.au

RECORDS: Please forward to **Flora Administrative Officer,** Species and Communities Program.

Record entered by:_____ **Sheet No.:**_____ **Record Entered in Database** ❑

Department of Biodiversity, Conservation and Attractions

Threatened and Priority Flora Report Form

Version 1.4 March 2021

HABITAT INFORMATION:

LANDFORM:
Crest ☐
Hill ☐
Ridge ☐
Outcrop ☐
Slope ☐
Flat ☒
Open depression ☐
Drainage line ☐
Closed depression ☐
Wetland ☐

ROCK TYPE:
Granite ☐
Dolerite ☐
Laterite ☐
Ironstone ☐
Limestone ☐
Quartz ☐
Specify other: _____

LOOSE ROCK:
(on soil surface; eg gravel, quartz fields)
0-10% ☐
10-30% ☐
30-50% ☐
50-100% ☐

SOIL TYPE:
Sand ☐
Sandy loam ☐
Loam ☒
Clay loam ☐
Light clay ☐
Peat ☐
Specify other: _____

SOIL COLOUR:
Red ☐
Brown ☒
Yellow ☐
White ☐
Grey ☐
Black ☐
Specify other: _____

DRAINAGE:
Well drained ☐
Seasonally inundated ☐
Permanently inundated ☐
Tidal ☐

Specific **Landform** Element: _____
(Refer to field manual for additional values)

CONDITION OF SOIL: Dry ☐ Moist ☐ Waterlogged ☐ Inundated ☐

VEGETATION CLASSIFICATION*:
Eg: **1**. Banksia woodland (B. attenuata, B. ilicifolia); **2**. Open shrubland (Hibbertia sp., Acacia spp.) ; **3**. Isolated clumps of sedges (M.tetragona)

1. Acacia inaequilatera and Grevillea pyramidalis subsp. leucadendron Tall Sparse Shrubland
2. Acacia ancistrocarpa and Corchorus parviflorus Isolated Mid Shrubs
3. Triodia epactia Mid Hummock Grassland.
4.

ASSOCIATED SPECIES:

Other (non-dominant) spp

* Please record up to four of the most representative vegetation layers (with up to three dominant species in each layer). Structural Formations should follow 2009 *Australian Soil and Land Survey Field Handbook* guidelines – refer to field manual for further information and structural formation table.

CONDITION OF HABITAT: Pristine ☐ Excellent ☒ Very good ☒ Good ☐ Degraded ☐ Completely degraded ☐

COMMENT:

FIRE HISTORY: **Last Fire:** Season/Month: _____ Year: _____ **Fire Intensity:** High ☐ Medium ☐ Low ☐ No signs of fire ☐

FENCING: Not required ☐ Present ☐ Replace / repair ☐ Required ☐ Length req'd: _____

ROADSIDE MARKERS: Not required ☐ Present ☐ Replace / reposition ☐ Required ☐ Quantity req'd: _____

OTHER COMMENTS: (Please include recommended management actions and/or implemented actions - include date. Also include details of additional data available, and how to locate it.)

FMG24 is the same specimen as the vouchered FA05.

Coordinates defining the population boundary:

-21.462866,119.961201

-21.463298,119.961642

-21.463941,119.974049

FLORA AUTHORISATION / LICENCE No: FB62000334 Note if only observing plants (i.e. no specimens or plant matieral is taken) then no authorisation/licence is required. For further information on authorisation and licening requirements see the Threatened Flora and Wildlife Licensing pages on DBCA's website. Any actions carried out under authorisations/licences should be recorded above in the OTHER COMMENTS section.

SPECIMEN: Collectors No: FMG34 WA Herb. ☒ Regional Herb. ☐ District Herb. ☐ Other: _____

LODGEMENT: WA Herb Lodgement No: _____

ATTACHED: Map ☐ Mudmap ☐ Photo ☐ GIS data ☐ Field notes ☒ Other: _____

COPY SENT TO: Regional Office ☐ District Office ☐ Other: _____

Submitter of Record: O.Nazarova Role: Botanist Signed: ON Date: 18/11/2024

Please return completed form to **Species And Communities Program** DBCA,
Locked Bag 104, BENTLEY DELIVERY CENTRE WA 6983 **OR** email to: flora.data@dbca.wa.gov.au

RECORDS: Please forward to **Flora Administrative Officer,** Species and Communities Program.

Record entered by:_____ **Sheet No.:**_____ **Record Entered in Database** ❑

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Threatened and Priority Flora Report Form

Version 1.4 March 2021

Please complete as much of the form as possible, with emphasis on those sections bordered in black. For information on how to complete the form please refer to the Threatened & Priority Flora Report Form (TPRF) manual on the DBCA website at www.dpaw.wa.gov.au/plants-and-animals/threatened-species-and-communities/threatened-plants

TAXON: Heliotropium murinum **TPFL Pop. No:**

OBSERVATION DATE: 08/08/2024 **CONSERVATION STATUS:** P3 **New population** ☐

OBSERVER/S: Sarah Beckwith **PHONE**

ROLE: Ecologist **ORGANISATION:** Focused Vision Consulting

EMAIL: projects@focusedvision.com.au

DESCRIPTION OF LOCATION (Provide at least nearest town/named locality, and the distance and direction to that place)**:**

Ca. 38.3 km SE of Marble Bar

Reserve No:

DBCA DISTRICT: **LGA:** Shire of East Pilbara Land manager present: ☐

DATUM:
GDA94 / MGA94 ☐
AGD84 / AMG84 ☐
WGS84 ☒
Unknown ☐

COORDINATES: (If UTM coords provided, **Zone** is also required)
DecDegrees ☐ DegMinSec ☐ UTMs ☐
Lat / Northing: -21.354133
Long / Easting: 120.060189
ZONE:

METHOD USED:
GPS ☒ Differential GPS ☐ Map ☐
No. satellites: ___ Map used: ___
Boundary polygon captured: ☐ Map scale: ___

LAND TENURE:

Nature reserve ☐	Timber reserve ☐	Private property ☐	Rail reserve ☐	Shire road reserve ☐
National park ☐	State forest ☐	Pastoral lease ☐	MRWA road reserve ☐	Other Crown reserve ☐
Conservation park ☐	Water reserve ☐	UCL ☐	SLK/Pole ___ to ___	Specify other: ___

AREA ASSESSMENT: Edge survey ☐ Partial survey ☐ Full survey ☐ Area observed (m²): ___

EFFORT: Time spent surveying (minutes): ___ No. of minutes spent / 100 m²: ___

POP'N COUNT ACCURACY: Actual ☒ Extrapolation ☐ Estimate ☐ Count method: ___
(Refer to field manual for list)

WHAT COUNTED: Plants ☐ Clumps ☐ Clonal stems ☐

TOTAL POP'N STRUCTURE:	**Mature:**	**Juveniles:**	**Seedlings:**	**Totals:**
Alive	40	9		49
Dead				

Area of pop (m²): 119352.7

Note: Pls record count as numbers (not percentages) for database.

QUADRATS PRESENT: No. ___ Size ___ Data attached ☐ Total area of quadrats (m²): ___

Summary Quad. Totals: Alive				

REPRODUCTIVE STATE: Clonal ☐ Vegetative ☐ Flowerbud ☐ Flower ☐
Immature fruit ☐ Fruit ☐ Dehisced fruit ☐ Percentage in flower: ___%

CONDITION OF PLANTS: Healthy ☐ Moderate ☐ Poor ☐ Senescent ☐

COMMENT:

THREATS - type, agent and supporting information: Eg clearing, too frequent fire, weed, disease. Refer to field manual for list of threats & agents. **Specify agent** where relevant. Rate current and potential threat impact: N=Nil, L=Low, M=Medium, H=High, E=Extreme Estimate time to potential impact: S=Short (<12mths), M=Medium (<5yrs), L=Long (5yrs+)	**Current impact (N-E)**	**Potential Impact (L-E)**	**Potential Threat Onset (S-L)**
• Graizing Weeds	L	L	M
•			
•			

Please return completed form to **Species And Communities Program** DBCA,
Locked Bag 104, BENTLEY DELIVERY CENTRE WA 6983 **OR** email to: flora.data@dbca.wa.gov.au

RECORDS: Please forward to **Flora Administrative Officer,** Species and Communities Program.

Record entered by:_____ **Sheet No.:**_____ **Record Entered in Database** ❑

Department of Biodiversity, Conservation and Attractions

Threatened and Priority Flora Report Form

Version 1.4 March 2021

HABITAT INFORMATION:

LANDFORM:
Crest ☐
Hill ☐
Ridge ☐
Outcrop ☐
Slope ☐
Flat ☒
Open depression ☐
Drainage line ☐
Closed depression ☐
Wetland ☐

ROCK TYPE:
Granite ☐
Dolerite ☐
Laterite ☐
Ironstone ☐
Limestone ☐
Quartz ☐
Specify other: _____

LOOSE ROCK:
(on soil surface; eg gravel, quartz fields)
0-10% ☐
10-30% ☐
30-50% ☐
50-100% ☐

SOIL TYPE:
Sand ☐
Sandy loam ☒
Loam ☒
Clay loam ☐
Light clay ☐
Peat ☐
Specify other: _____

SOIL COLOUR:
Red ☐
Brown ☒
Yellow ☐
White ☐
Grey ☐
Black ☐
Specify other: _____

DRAINAGE:
Well drained ☐
Seasonally inundated ☐
Permanently inundated ☐
Tidal ☐

Specific **Landform** Element: _____
(Refer to field manual for additional values)

CONDITION OF SOIL: Dry ☐ Moist ☐ Waterlogged ☐ Inundated ☐

VEGETATION CLASSIFICATION*:
Eg: **1**. Banksia woodland (B. attenuata, B. ilicifolia); **2**. Open shrubland (Hibbertia sp., Acacia spp.) ; **3**. Isolated clumps of sedges (M.tetragona)

1. Acacia inaequilatera and Grevillea pyramidalis subsp. leucadendron Tall Sparse Shrubland
2. Acacia ancistrocarpa and Corchorus parviflorus Isolated Mid Shrubs
3. Triodia epactia Mid Hummock Grassland.
4.

ASSOCIATED SPECIES:

Other (non-dominant) spp

* Please record up to four of the most representative vegetation layers (with up to three dominant species in each layer). Structural Formations should follow 2009 *Australian Soil and Land Survey Field Handbook* guidelines – refer to field manual for further information and structural formation table.

CONDITION OF HABITAT: Pristine ☐ Excellent ☐ Very good ☒ Good ☐ Degraded ☐ Completely degraded ☐

COMMENT:

FIRE HISTORY: **Last Fire:** Season/Month: _____ Year: _____ **Fire Intensity:** High ☐ Medium ☐ Low ☐ No signs of fire ☐

FENCING: Not required ☐ Present ☐ Replace / repair ☐ Required ☐ Length req'd: _____

ROADSIDE MARKERS: Not required ☐ Present ☐ Replace / reposition ☐ Required ☐ Quantity req'd: _____

OTHER COMMENTS: (Please include recommended management actions and/or implemented actions - include date. Also include details of additional data available, and how to locate it.)

SB02 is the same as the vouchered FMG09

Coordinates defining the population boundary:

-21.354133,120.060189

-21.355740,120.061335

-21.354245,120.065009

-21.350510,120.067767

FLORA AUTHORISATION / LICENCE No: FB62000535 Note if only observing plants (i.e. no specimens or plant matieral is taken) then no authorisation/licence is required. For further information on authorisation and licening requirements see the Threatened Flora and Wildlife Licensing pages on DBCA's website. Any actions carried out under authorisations/licences should be recorded above in the OTHER COMMENTS section.

SPECIMEN: Collectors No: SB02 WA Herb. ☒ Regional Herb. ☐ District Herb. ☐ Other: _____

LODGEMENT: WA Herb Lodgement No: _____

ATTACHED: Map ☐ Mudmap ☐ Photo ☒ GIS data ☐ Field notes ☒ Other: _____

COPY SENT TO: Regional Office ☐ District Office ☐ Other: _____

Submitter of Record: O.Nazarova Role: Botanist Signed: ON Date: 18/11/2024

Please return completed form to **Species And Communities Program** DBCA,
Locked Bag 104, BENTLEY DELIVERY CENTRE WA 6983 **OR** email to: flora.data@dbca.wa.gov.au

RECORDS: Please forward to **Flora Administrative Officer,** Species and Communities Program.

Record entered by:_____ **Sheet No.:**_____ **Record Entered in Database** ❑

Department of Biodiversity, Conservation and Attractions

Threatened and Priority Flora Report Form

Version 1.4 March 2021

Please complete as much of the form as possible, with emphasis on those sections bordered in black. For information on how to complete the form please refer to the Threatened & Priority Flora Report Form (TPRF) manual on the DBCA website at www.dpaw.wa.gov.au/plants-and-animals/threatened-species-and-communities/threatened-plants

TAXON: Heliotropium murinum **TPFL Pop. No:**

OBSERVATION DATE: 08/08/2024 **CONSERVATION STATUS:** P3 **New population** ☐

OBSERVER/S: Sarah Beckwith **PHONE**

ROLE: Ecologist **ORGANISATION:** Focused Vision Consulting

EMAIL: projects@focusedvision.com.au

DESCRIPTION OF LOCATION (Provide at least nearest town/named locality, and the distance and direction to that place)**:**

Ca. 39.6 km SE of Marble Bar

Reserve No:

DBCA DISTRICT: **LGA:** Shire of East Pilbara Land manager present: ☐

DATUM:

GDA94 / MGA94 ☐
AGD84 / AMG84 ☐
WGS84 ☒
Unknown ☐

COORDINATES: (If UTM coords provided, **Zone** is also required)

DecDegrees ☐ DegMinSec ☐ UTMs ☐

Lat / Northing: -21.364925

Long / Easting: 120.068686

ZONE:

METHOD USED:

GPS ☒ Differential GPS ☐ Map ☐

No. satellites: ___ Map used: _____

Boundary polygon captured: ☐ Map scale: _____

LAND TENURE:

Nature reserve ☐	Timber reserve ☐	Private property ☐	Rail reserve ☐	Shire road reserve ☐
National park ☐	State forest ☐	Pastoral lease ☐	MRWA road reserve ☐	Other Crown reserve ☐
Conservation park ☐	Water reserve ☐	UCL ☐	SLK/Pole _____ to _____	Specify other: _____

AREA ASSESSMENT: Edge survey ☐ Partial survey ☐ Full survey ☐ Area observed (m²): _____

EFFORT: Time spent surveying (minutes): _____ No. of minutes spent / 100 m²: _____

POP'N COUNT ACCURACY: Actual ☒ Extrapolation ☐ Estimate ☐ Count method: _____ (Refer to field manual for list)

WHAT COUNTED: Plants ☐ Clumps ☐ Clonal stems ☐

TOTAL POP'N STRUCTURE:

	Mature:	Juveniles:	Seedlings:	Totals:
Alive	6			6
Dead				

Area of pop (m²): 85314.4

Note: Pls record count as numbers (not percentages) for database.

QUADRATS PRESENT: No. ___ Size _____ Data attached ☐ Total area of quadrats (m²): _____

Summary Quad. Totals: Alive				

REPRODUCTIVE STATE: Clonal ☐ Vegetative ☐ Flowerbud ☐ Flower ☐ Immature fruit ☐ Fruit ☐ Dehisced fruit ☐ Percentage in flower: _____%

CONDITION OF PLANTS: Healthy ☐ Moderate ☐ Poor ☐ Senescent ☐

COMMENT:

THREATS - type, agent and supporting information: Eg clearing, too frequent fire, weed, disease. Refer to field manual for list of threats & agents. **Specify agent** where relevant. Rate current and potential threat impact: N=Nil, L=Low, M=Medium, H=High, E=Extreme Estimate time to potential impact: S=Short (<12mths), M=Medium (<5yrs), L=Long (5yrs+)	**Current impact (N-E)**	**Potential Impact (L-E)**	**Potential Threat Onset (S-L)**
• Weeds Graizing	L	L	M
•			
•			

Please return completed form to **Species And Communities Program** DBCA,
Locked Bag 104, BENTLEY DELIVERY CENTRE WA 6983 **OR** email to: flora.data@dbca.wa.gov.au

RECORDS: Please forward to **Flora Administrative Officer,** Species and Communities Program.

Record entered by:_____ **Sheet No.:**_____ **Record Entered in Database** ❑

Department of Biodiversity, Conservation and Attractions

Threatened and Priority Flora Report Form

Version 1.4 March 2021

HABITAT INFORMATION:

LANDFORM:
Crest ☐
Hill ☐
Ridge ☐
Outcrop ☐
Slope ☐
Flat ☒
Open depression ☐
Drainage line ☐
Closed depression ☐
Wetland ☐

ROCK TYPE:
Granite ☐
Dolerite ☐
Laterite ☐
Ironstone ☐
Limestone ☐
Quartz ☐
Specify other: _____

LOOSE ROCK:
(on soil surface; eg gravel, quartz fields)
0-10% ☐
10-30% ☐
30-50% ☐
50-100% ☐

SOIL TYPE:
Sand ☐
Sandy loam ☒
Loam ☒
Clay loam ☐
Light clay ☐
Peat ☐
Specify other: _____

SOIL COLOUR:
Red ☐
Brown ☒
Yellow ☐
White ☐
Grey ☐
Black ☐
Specify other: _____

DRAINAGE:
Well drained ☐
Seasonally inundated ☐
Permanently inundated ☐
Tidal ☐

Specific **Landform** Element: _____
(Refer to field manual for additional values)

CONDITION OF SOIL: Dry ☐ Moist ☐ Waterlogged ☐ Inundated ☐

VEGETATION CLASSIFICATION*:
Eg: **1**. Banksia woodland (B. attenuata, B. ilicifolia); **2**. Open shrubland (Hibbertia sp., Acacia spp.) ; **3**. Isolated clumps of sedges (M.tetragona)

1. Acacia inaequilatera and Grevillea pyramidalis subsp. leucadendron Tall Sparse Shrubland
2. Acacia ancistrocarpa and Corchorus parviflorus Isolated Mid Shrubs
3. Triodia epactia Mid Hummock Grassland.
4.

ASSOCIATED SPECIES:

Other (non-dominant) spp

* Please record up to four of the most representative vegetation layers (with up to three dominant species in each layer). Structural Formations should follow 2009 *Australian Soil and Land Survey Field Handbook* guidelines – refer to field manual for further information and structural formation table.

CONDITION OF HABITAT: Pristine ☐ Excellent ☐ Very good ☒ Good ☐ Degraded ☐ Completely degraded ☐

COMMENT: _____

FIRE HISTORY: **Last Fire:** Season/Month: _____ Year: _____ **Fire Intensity:** High ☐ Medium ☐ Low ☐ No signs of fire ☐

FENCING: Not required ☐ Present ☐ Replace / repair ☐ Required ☐ Length req'd: _____

ROADSIDE MARKERS: Not required ☐ Present ☐ Replace / reposition ☐ Required ☐ Quantity req'd: _____

OTHER COMMENTS: (Please include recommended management actions and/or implemented actions - include date. Also include details of additional data available, and how to locate it.)

SB03 is the same as the vouchered FMG09

Coordinates defining the population boundary:

-21.361487,120.070400

-21.364925,120.068686

-21.365339,120.072777

FLORA AUTHORISATION / LICENCE No: FB62000535 Note if only observing plants (i.e. no specimens or plant matieral is taken) then no authorisation/licence is required. For further information on authorisation and licening requirements see the Threatened Flora and Wildlife Licensing pages on DBCA's website. Any actions carried out under authorisations/licences should be recorded above in the OTHER COMMENTS section.

SPECIMEN: Collectors No: SB03 WA Herb. ☒ Regional Herb. ☐ District Herb. ☐ Other: _____

LODGEMENT: WA Herb Lodgement No: _____

ATTACHED: Map ☐ Mudmap ☐ Photo ☒ GIS data ☐ Field notes ☒ Other: _____

COPY SENT TO: Regional Office ☐ District Office ☐ Other: _____

Submitter of Record: O.Nazarova Role: Botanist Signed: ON Date: 18/11/2024

Please return completed form to **Species And Communities Program** DBCA,
Locked Bag 104, BENTLEY DELIVERY CENTRE WA 6983 **OR** email to: flora.data@dbca.wa.gov.au

RECORDS: Please forward to **Flora Administrative Officer,** Species and Communities Program.

Record entered by:_____ **Sheet No.:**_____ **Record Entered in Database** ❑

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TAXON: Heliotropium murinum **TPFL Pop. No:**

OBSERVATION DATE: 14/08/2024 **CONSERVATION STATUS:** P3 **New population** ☐

OBSERVER/S: Sarah Beckwith **PHONE**

ROLE: Ecologist **ORGANISATION:** Focused Vision Consulting

EMAIL: projects@focusedvision.com.au

DESCRIPTION OF LOCATION (Provide at least nearest town/named locality, and the distance and direction to that place)**:**

Ca. 36.5 km SE of Marble Bar

Reserve No:

DBCA DISTRICT: **LGA:** Shire of East Pilbara Land manager present: ☐

DATUM:
GDA94 / MGA94 ☐
AGD84 / AMG84 ☐
WGS84 ☒
Unknown ☐

COORDINATES: (If UTM coords provided, **Zone** is also required)
DecDegrees ☐ DegMinSec ☐ UTMs ☐
Lat / Northing: -21.3491730
Long / Easting: 120.0427722
ZONE:

METHOD USED:
GPS ☒ Differential GPS ☐ Map ☐
No. satellites: ___ Map used: _____
Boundary polygon captured: ☐ Map scale: _____

LAND TENURE:

Nature reserve ☐	Timber reserve ☐	Private property ☐	Rail reserve ☐	Shire road reserve ☐
National park ☐	State forest ☐	Pastoral lease ☐	MRWA road reserve ☐	Other Crown reserve ☐
Conservation park ☐	Water reserve ☐	UCL ☐	SLK/Pole _____ to _____	Specify other: _____

AREA ASSESSMENT: Edge survey ☐ Partial survey ☐ Full survey ☐ Area observed (m²): _____

EFFORT: Time spent surveying (minutes): _____ No. of minutes spent / 100 m²: _____

POP'N COUNT ACCURACY: Actual ☒ Extrapolation ☐ Estimate ☐ Count method: _____
(Refer to field manual for list)

WHAT COUNTED: Plants ☐ Clumps ☐ Clonal stems ☐

TOTAL POP'N STRUCTURE:

	Mature:	Juveniles:	Seedlings:	Totals:
Alive	100	20		120
Dead				

Area of pop (m²): 157834.9

Note: Pls record count as numbers (not percentages) for database.

QUADRATS PRESENT: No. ___ Size _____ Data attached ☐ Total area of quadrats (m²): _____

Summary Quad. Totals: Alive				

REPRODUCTIVE STATE: Clonal ☐ Vegetative ☐ Flowerbud ☐ Flower ☐
Immature fruit ☐ Fruit ☐ Dehisced fruit ☐ Percentage in flower: _____%

CONDITION OF PLANTS: Healthy ☐ Moderate ☐ Poor ☐ Senescent ☐

COMMENT:

THREATS - type, agent and supporting information: Eg clearing, too frequent fire, weed, disease. Refer to field manual for list of threats & agents. **Specify agent** where relevant. Rate current and potential threat impact: N=Nil, L=Low, M=Medium, H=High, E=Extreme Estimate time to potential impact: S=Short (<12mths), M=Medium (<5yrs), L=Long (5yrs+)	**Current impact (N-E)**	**Potential Impact (L-E)**	**Potential Threat Onset (S-L)**
• Graizing Weeds	L	L	M
•			
•			

Please return completed form to **Species And Communities Program** DBCA,
Locked Bag 104, BENTLEY DELIVERY CENTRE WA 6983 **OR** email to: flora.data@dbca.wa.gov.au

RECORDS: Please forward to **Flora Administrative Officer,** Species and Communities Program.

Record entered by:_____ **Sheet No.:**_____ **Record Entered in Database** ❑

Department of Biodiversity, Conservation and Attractions

Threatened and Priority Flora Report Form

Version 1.4 March 2021

HABITAT INFORMATION:

LANDFORM:
Crest ☐
Hill ☐
Ridge ☐
Outcrop ☐
Slope ☐
Flat ☒
Open depression ☐
Drainage line ☐
Closed depression ☐
Wetland ☐

ROCK TYPE:
Granite ☐
Dolerite ☐
Laterite ☐
Ironstone ☐
Limestone ☐
Quartz ☐
Specify other: _____

LOOSE ROCK:
(on soil surface; eg gravel, quartz fields)
0-10% ☐
10-30% ☐
30-50% ☐
50-100% ☐

SOIL TYPE:
Sand ☐
Sandy loam ☒
Loam ☒
Clay loam ☐
Light clay ☐
Peat ☐
Specify other: _____

SOIL COLOUR:
Red ☐
Brown ☒
Yellow ☐
White ☐
Grey ☐
Black ☐
Specify other: _____

DRAINAGE:
Well drained ☐
Seasonally inundated ☐
Permanently inundated ☐
Tidal ☐

Specific **Landform** Element: _____
(Refer to field manual for additional values)

CONDITION OF SOIL: Dry ☐ Moist ☐ Waterlogged ☐ Inundated ☐

VEGETATION CLASSIFICATION*:
Eg: **1**. Banksia woodland (B. attenuata, B. ilicifolia); **2**. Open shrubland (Hibbertia sp., Acacia spp.) ; **3**. Isolated clumps of sedges (M.tetragona)

1. Acacia inaequilatera and Grevillea pyramidalis subsp. leucadendron Tall Isolated Shrubland
2. Corchorus parviflorus Low Sparse Shrubland
3. Triodia wiseana Low Hummock Grassland
4.

ASSOCIATED SPECIES:

Other (non-dominant) spp

* Please record up to four of the most representative vegetation layers (with up to three dominant species in each layer). Structural Formations should follow 2009 *Australian Soil and Land Survey Field Handbook* guidelines – refer to field manual for further information and structural formation table.

CONDITION OF HABITAT: Pristine ☐ Excellent ☐ Very good ☒ Good ☐ Degraded ☐ Completely degraded ☐

COMMENT:

FIRE HISTORY: **Last Fire:** Season/Month: _____ Year: _____ **Fire Intensity:** High ☐ Medium ☐ Low ☐ No signs of fire ☐

FENCING: Not required ☐ Present ☐ Replace / repair ☐ Required ☐ Length req'd: _____

ROADSIDE MARKERS: Not required ☐ Present ☐ Replace / reposition ☐ Required ☐ Quantity req'd: _____

OTHER COMMENTS: (Please include recommended management actions and/or implemented actions - include date. Also include details of additional data available, and how to locate it.)

SB12 is the same as the vouchered FMG09

Coordinates defining the population boundary:

-21.3491730,120.0427722

-21.3491641,120.0427623

-21.3447555,120.0465079

-21.3461816,120.0466540

FLORA AUTHORISATION / LICENCE No: FB62000535 Note if only observing plants (i.e. no specimens or plant matieral is taken) then no authorisation/licence is required. For further information on authorisation and licening requirements see the Threatened Flora and Wildlife Licensing pages on DBCA's website. Any actions carried out under authorisations/licences should be recorded above in the OTHER COMMENTS section.

SPECIMEN: Collectors No: SB12 WA Herb. ☒ Regional Herb. ☐ District Herb. ☐ Other: _____

LODGEMENT: WA Herb Lodgement No: _____

ATTACHED: Map ☐ Mudmap ☐ Photo ☒ GIS data ☐ Field notes ☒ Other: _____

COPY SENT TO: Regional Office ☐ District Office ☐ Other: _____

Submitter of Record: O.Nazarova Role: Botanist Signed: ON Date: 18/11/2024

Please return completed form to **Species And Communities Program** DBCA,
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TAXON: Heliotropium murinum **TPFL Pop. No:**

OBSERVATION DATE: 29/05/24 **CONSERVATION STATUS:** P3 **New population** ☐

OBSERVER/S: Taryn Brebner **PHONE**

ROLE: Ecologist **ORGANISATION:** Focused Vision Consulting

EMAIL: projects@focusedvision.com.au

DESCRIPTION OF LOCATION (Provide at least nearest town/named locality, and the distance and direction to that place)**:**

Ca. 29.9 km SSE of Marble Bar

Reserve No:

DBCA DISTRICT: **LGA:** Shire of East Pilbara Land manager present: ☐

DATUM:

GDA94 / MGA94 ☐
AGD84 / AMG84 ☐
WGS84 ☒
Unknown ☐

COORDINATES: (If UTM coords provided, **Zone** is also required)

DecDegrees ☐ DegMinSec ☐ UTMs ☐

Lat / Northing: -21.3906485

Long / Easting: 119.9173209

ZONE:

METHOD USED:

GPS ☒ Differential GPS ☐ Map ☐

No. satellites: ___ Map used: _____

Boundary polygon captured: ☐ Map scale: _____

LAND TENURE:

Nature reserve ☐	Timber reserve ☐	Private property ☐	Rail reserve ☐	Shire road reserve ☐
National park ☐	State forest ☐	Pastoral lease ☐	MRWA road reserve ☐	Other Crown reserve ☐
Conservation park ☐	Water reserve ☐	UCL ☐	SLK/Pole _____ to _____	Specify other: _____

AREA ASSESSMENT: Edge survey ☐ Partial survey ☐ Full survey ☐ Area observed (m²): _____

EFFORT: Time spent surveying (minutes): _____ No. of minutes spent / 100 m²: _____

POP'N COUNT ACCURACY: Actual ☒ Extrapolation ☐ Estimate ☐ Count method: _____ (Refer to field manual for list)

WHAT COUNTED: Plants ☐ Clumps ☐ Clonal stems ☐

TOTAL POP'N STRUCTURE:	**Mature:**	**Juveniles:**	**Seedlings:**	**Totals:**
Alive	15	4		19
Dead				

Area of pop (m²): 8325.3

Note: Pls record count as numbers (not percentages) for database.

QUADRATS PRESENT: No. ___ Size _____ Data attached ☐ Total area of quadrats (m²): _____

Summary Quad. Totals: Alive				

REPRODUCTIVE STATE: Clonal ☐ Vegetative ☐ Flowerbud ☐ Flower ☐

Immature fruit ☐ Fruit ☐ Dehisced fruit ☐ Percentage in flower: _____%

CONDITION OF PLANTS: Healthy ☐ Moderate ☐ Poor ☐ Senescent ☐

COMMENT:

THREATS - type, agent and supporting information: Eg clearing, too frequent fire, weed, disease. Refer to field manual for list of threats & agents. **Specify agent** where relevant. Rate current and potential threat impact: N=Nil, L=Low, M=Medium, H=High, E=Extreme Estimate time to potential impact: S=Short (<12mths), M=Medium (<5yrs), L=Long (5yrs+)	**Current impact (N-E)**	**Potential Impact (L-E)**	**Potential Threat Onset (S-L)**
• Graizing Weeds	L	L	M
•			
•			

Please return completed form to **Species And Communities Program** DBCA,
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RECORDS: Please forward to **Flora Administrative Officer,** Species and Communities Program.

Record entered by:_____ **Sheet No.:**_____ **Record Entered in Database** ❑

Department of Biodiversity, Conservation and Attractions

Threatened and Priority Flora Report Form

Version 1.4 March 2021

HABITAT INFORMATION:

LANDFORM:
Crest ☐
Hill ☐
Ridge ☐
Outcrop ☐
Slope ☐
Flat ☒
Open depression ☐
Drainage line ☐
Closed depression ☐
Wetland ☐

ROCK TYPE:
Granite ☐
Dolerite ☐
Laterite ☐
Ironstone ☐
Limestone ☐
Quartz ☐
Specify other: _____

LOOSE ROCK:
(on soil surface; eg gravel, quartz fields)
0-10% ☐
10-30% ☐
30-50% ☐
50-100% ☐

SOIL TYPE:
Sand ☒
Sandy loam ☐
Loam ☒
Clay loam ☒
Light clay ☐
Peat ☐
Specify other: _____

SOIL COLOUR:
Red ☐
Brown ☒
Yellow ☐
White ☐
Grey ☐
Black ☐
Specify other: _____

DRAINAGE:
Well drained ☐
Seasonally inundated ☐
Permanently inundated ☐
Tidal ☐

Specific **Landform** Element: _____
(Refer to field manual for additional values)

CONDITION OF SOIL: Dry ☐ Moist ☐ Waterlogged ☐ Inundated ☐

VEGETATION CLASSIFICATION*:
Eg: **1**. Banksia woodland (B. attenuata, B. ilicifolia); **2**. Open shrubland (Hibbertia sp., Acacia spp.) ; **3**. Isolated clumps of sedges (M.tetragona)

1. Acacia inaequilatera and Grevillea pyramidalis subsp. leucadendron Tall Isolated Shrubland
2. Corchorus parviflorus Low Sparse Shrubland
3. Triodia wiseana Low Hummock Grassland
4.

ASSOCIATED SPECIES:

Other (non-dominant) spp

* Please record up to four of the most representative vegetation layers (with up to three dominant species in each layer). Structural Formations should follow 2009 *Australian Soil and Land Survey Field Handbook* guidelines – refer to field manual for further information and structural formation table.

CONDITION OF HABITAT: Pristine ☐ Excellent ☐ Very good ☒ Good ☐ Degraded ☐ Completely degraded ☐

COMMENT:

FIRE HISTORY: **Last Fire:** Season/Month: _____ Year: _____ **Fire Intensity:** High ☐ Medium ☐ Low ☐ No signs of fire ☐

FENCING: Not required ☐ Present ☐ Replace / repair ☐ Required ☐ Length req'd: _____

ROADSIDE MARKERS: Not required ☐ Present ☐ Replace / reposition ☐ Required ☐ Quantity req'd: _____

OTHER COMMENTS: (Please include recommended management actions and/or implemented actions - include date. Also include details of additional data available, and how to locate it.)

TB09 is the same as the vouchered EPM08

Coordinates defining the population boundary:

-21.3906485,119.9173209

-21.3906083,119.9165758

-21.3887666,119.9186480

FLORA AUTHORISATION / LICENCE No: FB62000156-2 Note if only observing plants (i.e. no specimens or plant matieral is taken) then no authorisation/licence is required. For further information on authorisation and licening requirements see the Threatened Flora and Wildlife Licensing pages on DBCA's website. Any actions carried out under authorisations/licences should be recorded above in the OTHER COMMENTS section.

SPECIMEN: Collectors No: TB09 WA Herb. ☒ Regional Herb. ☐ District Herb. ☐ Other: _____

LODGEMENT: WA Herb Lodgement No: _____

ATTACHED: Map ☐ Mudmap ☐ Photo ☐ GIS data ☐ Field notes ☒ Other: _____

COPY SENT TO: Regional Office ☐ District Office ☐ Other: _____

Submitter of Record: O.Nazarova Role: Botanist Signed: ON Date: 18/11/2024

Please return completed form to **Species And Communities Program** DBCA,
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RECORDS: Please forward to **Flora Administrative Officer,** Species and Communities Program.

Record entered by:_____ **Sheet No.:**_____ **Record Entered in Database** ❑

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Please complete as much of the form as possible, with emphasis on those sections bordered in black. For information on how to complete the form please refer to the Threatened & Priority Flora Report Form (TPRF) manual on the DBCA website at www.dpaw.wa.gov.au/plants-and-animals/threatened-species-and-communities/threatened-plants

TAXON: Heliotropium murinum **TPFL Pop. No:**

OBSERVATION DATE: 29/05/24 **CONSERVATION STATUS:** P3 **New population** ☐

OBSERVER/S: Taryn Brebner **PHONE**

ROLE: Ecologist **ORGANISATION:** Focused Vision Consulting

EMAIL: projects@focusedvision.com.au

DESCRIPTION OF LOCATION (Provide at least nearest town/named locality, and the distance and direction to that place)**:**

Ca. 40.1 km SE of Marble Bar

Reserve No:

DBCA DISTRICT: **LGA:** Shire of East Pilbara Land manager present: ☐

DATUM:

GDA94 / MGA94 ☐
AGD84 / AMG84 ☐
WGS84 ☒
Unknown ☐

COORDINATES: (If UTM coords provided, **Zone** is also required)

DecDegrees ☐ DegMinSec ☐ UTMs ☐

Lat / Northing: -21.4690151

Long / Easting: 119.9694162

ZONE:

METHOD USED:

GPS ☒ Differential GPS ☐ Map ☐

No. satellites: ___ Map used: _____

Boundary polygon captured: ☐ Map scale: _____

LAND TENURE:

Nature reserve ☐	Timber reserve ☐	Private property ☐	Rail reserve ☐	Shire road reserve ☐
National park ☐	State forest ☐	Pastoral lease ☐	MRWA road reserve ☐	Other Crown reserve ☐
Conservation park ☐	Water reserve ☐	UCL ☐	SLK/Pole _____ to _____	Specify other: _____

AREA ASSESSMENT: Edge survey ☐ Partial survey ☐ Full survey ☐ Area observed (m²): _____

EFFORT: Time spent surveying (minutes): _____ No. of minutes spent / 100 m²: _____

POP'N COUNT ACCURACY: Actual ☒ Extrapolation ☐ Estimate ☐ Count method: _____ (Refer to field manual for list)

WHAT COUNTED: Plants ☐ Clumps ☐ Clonal stems ☐

TOTAL POP'N STRUCTURE:	**Mature:**	**Juveniles:**	**Seedlings:**	**Totals:**
Alive	10	1		11
Dead				

Area of pop (m²): 202.3

Note: Pls record count as numbers (not percentages) for database.

QUADRATS PRESENT: No. ___ Size _____ Data attached ☐ Total area of quadrats (m²): _____

Summary Quad. Totals: Alive				

REPRODUCTIVE STATE: Clonal ☐ Vegetative ☐ Flowerbud ☒ Flower ☒ Immature fruit ☐ Fruit ☒ Dehisced fruit ☐ Percentage in flower: _____%

CONDITION OF PLANTS: Healthy ☐ Moderate ☐ Poor ☐ Senescent ☐

COMMENT:

THREATS - type, agent and supporting information: Eg clearing, too frequent fire, weed, disease. Refer to field manual for list of threats & agents. **Specify agent** where relevant. Rate current and potential threat impact: N=Nil, L=Low, M=Medium, H=High, E=Extreme Estimate time to potential impact: S=Short (<12mths), M=Medium (<5yrs), L=Long (5yrs+)	**Current impact (N-E)**	**Potential Impact (L-E)**	**Potential Threat Onset (S-L)**
• Graizing Weeds	L	L	M
•			
•			

Please return completed form to **Species And Communities Program** DBCA,
Locked Bag 104, BENTLEY DELIVERY CENTRE WA 6983 **OR** email to: flora.data@dbca.wa.gov.au

RECORDS: Please forward to **Flora Administrative Officer,** Species and Communities Program.

Record entered by:_____ **Sheet No.:**_____ **Record Entered in Database** ❑

Department of Biodiversity, Conservation and Attractions

Threatened and Priority Flora Report Form

Version 1.4 March 2021

HABITAT INFORMATION:

LANDFORM:
Crest ☐
Hill ☐
Ridge ☐
Outcrop ☐
Slope ☐
Flat ☒
Open depression ☐
Drainage line ☐
Closed depression ☐
Wetland ☐

ROCK TYPE:
Granite ☐
Dolerite ☐
Laterite ☐
Ironstone ☐
Limestone ☐
Quartz ☐
Specify other: _____

LOOSE ROCK:
(on soil surface; eg gravel, quartz fields)
0-10% ☐
10-30% ☐
30-50% ☐
50-100% ☐

SOIL TYPE:
Sand ☐
Sandy loam ☒
Loam ☒
Clay loam ☐
Light clay ☐
Peat ☐
Specify other: _____

SOIL COLOUR:
Red ☐
Brown ☒
Yellow ☐
White ☐
Grey ☐
Black ☐
Specify other: _____

DRAINAGE:
Well drained ☐
Seasonally inundated ☐
Permanently inundated ☐
Tidal ☐

Specific **Landform** Element: _____
(Refer to field manual for additional values)

CONDITION OF SOIL: Dry ☐ Moist ☐ Waterlogged ☐ Inundated ☐

VEGETATION CLASSIFICATION*:
Eg: **1**. Banksia woodland (B. attenuata, B. ilicifolia); **2**. Open shrubland (Hibbertia sp., Acacia spp.) ; **3**. Isolated clumps of sedges (M.tetragona)

1. Acacia inaequilatera and Grevillea pyramidalis subsp. leucadendron Tall Isolated Shrubland
2. Corchorus parviflorus Low Sparse Shrubland
3. Triodia wiseana Low Hummock Grassland
4.

ASSOCIATED SPECIES:

Other (non-dominant) spp

* Please record up to four of the most representative vegetation layers (with up to three dominant species in each layer). Structural Formations should follow 2009 *Australian Soil and Land Survey Field Handbook* guidelines – refer to field manual for further information and structural formation table.

CONDITION OF HABITAT: Pristine ☐ Excellent ☐ Very good ☒ Good ☒ Degraded ☐ Completely degraded ☐

COMMENT: _____

FIRE HISTORY: **Last Fire:** Season/Month: _____ Year: _____ **Fire Intensity:** High ☐ Medium ☐ Low ☐ No signs of fire ☐

FENCING: Not required ☐ Present ☐ Replace / repair ☐ Required ☐ Length req'd: _____

ROADSIDE MARKERS: Not required ☐ Present ☐ Replace / reposition ☐ Required ☐ Quantity req'd: _____

OTHER COMMENTS: (Please include recommended management actions and/or implemented actions - include date. Also include details of additional data available, and how to locate it.)

TB11 is the same as the vouchered FA05

Coordinates defining the population boundary:

-21.4690151,119.9694162

-21.4697653,119.9687724

FLORA AUTHORISATION / LICENCE No: FB62000156-2 Note if only observing plants (i.e. no specimens or plant matieral is taken) then no authorisation/licence is required. For further information on authorisation and licening requirements see the Threatened Flora and Wildlife Licensing pages on DBCA's website. Any actions carried out under authorisations/licences should be recorded above in the OTHER COMMENTS section.

SPECIMEN: Collectors No: TB10 WA Herb. ☒ Regional Herb. ☐ District Herb. ☐ Other: _____

LODGEMENT: WA Herb Lodgement No: _____

ATTACHED: Map ☐ Mudmap ☐ Photo ☒ GIS data ☐ Field notes ☒ Other: _____

COPY SENT TO: Regional Office ☐ District Office ☐ Other: _____

Submitter of Record: O.Nazarova Role: Botanist Signed: ON Date: 18/11/2024

Please return completed form to **Species And Communities Program** DBCA,
Locked Bag 104, BENTLEY DELIVERY CENTRE WA 6983 **OR** email to: flora.data@dbca.wa.gov.au

RECORDS: Please forward to **Flora Administrative Officer,** Species and Communities Program.

Record entered by:_____ **Sheet No.:**_____ **Record Entered in Database** ❑

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TAXON: Heliotropium murinum **TPFL Pop. No:**

OBSERVATION DATE: 29/05/24 **CONSERVATION STATUS:** P3 **New population** ☐

OBSERVER/S: Taryn Brebner **PHONE**

ROLE: Ecologist **ORGANISATION:** Focused Vision Consulting

EMAIL: projects@focusedvision.com.au

DESCRIPTION OF LOCATION (Provide at least nearest town/named locality, and the distance and direction to that place)**:**

Ca. 35.7km SSE of Marble Bar

Reserve No:

DBCA DISTRICT: **LGA:** Shire of East Pilbara Land manager present: ☐

DATUM:

GDA94 / MGA94 ☐
AGD84 / AMG84 ☐
WGS84 ☒
Unknown ☐

COORDINATES: (If UTM coords provided, **Zone** is also required)

DecDegrees ☐ DegMinSec ☐ UTMs ☐

Lat / Northing: -21.3906485

Long / Easting: 119.9173209

ZONE:

METHOD USED:

GPS ☒ Differential GPS ☐ Map ☐

No. satellites: ___ Map used: _____

Boundary polygon captured: ☐ Map scale: _____

LAND TENURE:

Nature reserve ☐	Timber reserve ☐	Private property ☐	Rail reserve ☐	Shire road reserve ☐
National park ☐	State forest ☐	Pastoral lease ☐	MRWA road reserve ☐	Other Crown reserve ☐
Conservation park ☐	Water reserve ☐	UCL ☐	SLK/Pole _____ to _____	Specify other: _____

AREA ASSESSMENT: Edge survey ☐ Partial survey ☐ Full survey ☐ Area observed (m²): _____

EFFORT: Time spent surveying (minutes): _____ No. of minutes spent / 100 m²: _____

POP'N COUNT ACCURACY: Actual ☒ Extrapolation ☐ Estimate ☐ Count method: _____ (Refer to field manual for list)

WHAT COUNTED: Plants ☐ Clumps ☐ Clonal stems ☐

TOTAL POP'N STRUCTURE:

	Mature:	Juveniles:	Seedlings:	Totals:
Alive	12	2		14
Dead				

Area of pop (m²): 179.2

Note: Pls record count as numbers (not percentages) for database.

QUADRATS PRESENT: No. ___ Size _____ Data attached ☐ Total area of quadrats (m²): _____

Summary Quad. Totals: Alive				

REPRODUCTIVE STATE: Clonal ☐ Vegetative ☐ Flowerbud ☐ Flower ☐ Immature fruit ☐ Fruit ☐ Dehisced fruit ☐ Percentage in flower: _____%

CONDITION OF PLANTS: Healthy ☐ Moderate ☐ Poor ☐ Senescent ☐

COMMENT:

THREATS - type, agent and supporting information: Eg clearing, too frequent fire, weed, disease. Refer to field manual for list of threats & agents. **Specify agent** where relevant. Rate current and potential threat impact: N=Nil, L=Low, M=Medium, H=High, E=Extreme Estimate time to potential impact: S=Short (<12mths), M=Medium (<5yrs), L=Long (5yrs+)	**Current impact (N-E)**	**Potential Impact (L-E)**	**Potential Threat Onset (S-L)**
• Graizing Weeds	L	L	M
•			
•			

Please return completed form to **Species And Communities Program** DBCA,
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RECORDS: Please forward to **Flora Administrative Officer,** Species and Communities Program.

Record entered by:_____ **Sheet No.:**_____ **Record Entered in Database** ❑

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Threatened and Priority Flora Report Form

Version 1.4 March 2021

HABITAT INFORMATION:

LANDFORM:
Crest ☐
Hill ☐
Ridge ☐
Outcrop ☐
Slope ☐
Flat ☒
Open depression ☐
Drainage line ☐
Closed depression ☐
Wetland ☐

ROCK TYPE:
Granite ☐
Dolerite ☐
Laterite ☐
Ironstone ☐
Limestone ☐
Quartz ☐
Specify other: _____

LOOSE ROCK:
(on soil surface; eg gravel, quartz fields)
0-10% ☐
10-30% ☐
30-50% ☐
50-100% ☐

SOIL TYPE:
Sand ☐
Sandy loam ☒
Loam ☒
Clay loam ☐
Light clay ☐
Peat ☐
Specify other: _____

SOIL COLOUR:
Red ☐
Brown ☒
Yellow ☐
White ☐
Grey ☐
Black ☐
Specify other: _____

DRAINAGE:
Well drained ☐
Seasonally inundated ☐
Permanently inundated ☐
Tidal ☐

Specific **Landform** Element: _____
(Refer to field manual for additional values)

CONDITION OF SOIL: Dry ☐ Moist ☐ Waterlogged ☐ Inundated ☐

VEGETATION CLASSIFICATION*:
Eg: **1**. Banksia woodland (B. attenuata, B. ilicifolia); **2**. Open shrubland (Hibbertia sp., Acacia spp.) ; **3**. Isolated clumps of sedges (M.tetragona)

1. Acacia stellaticeps and Acacia inaequilatera Low Sparse Shrubland
2. Pluchea ferdinandi-muelleri Isolated Mid Shrubs
3. Triodia longiceps and Triodia wiseana Mid Hummock Grassland.
4.

ASSOCIATED SPECIES:

Other (non-dominant) spp

* Please record up to four of the most representative vegetation layers (with up to three dominant species in each layer). Structural Formations should follow 2009 *Australian Soil and Land Survey Field Handbook* guidelines – refer to field manual for further information and structural formation table.

CONDITION OF HABITAT: Pristine ☐ Excellent ☐ Very good ☒ Good ☒ Degraded ☐ Completely degraded ☐

COMMENT:

FIRE HISTORY: **Last Fire:** Season/Month: _____ Year: _____ **Fire Intensity:** High ☐ Medium ☐ Low ☐ No signs of fire ☐

FENCING: Not required ☐ Present ☐ Replace / repair ☐ Required ☐ Length req'd: _____

ROADSIDE MARKERS: Not required ☐ Present ☐ Replace / reposition ☐ Required ☐ Quantity req'd: _____

OTHER COMMENTS: (Please include recommended management actions and/or implemented actions - include date. Also include details of additional data available, and how to locate it.)

TB11 is the same as the vouchered FA05

Coordinates defining the population boundary:

-21.3906485,119.9173209

-21.45030631,119.92089289

-21.45032729,119.92092347

FLORA AUTHORISATION / LICENCE No: FB62000156-2 Note if only observing plants (i.e. no specimens or plant matieral is taken) then no authorisation/licence is required. For further information on authorisation and licening requirements see the Threatened Flora and Wildlife Licensing pages on DBCA's website. Any actions carried out under authorisations/licences should be recorded above in the OTHER COMMENTS section.

SPECIMEN: Collectors No: TB11 WA Herb. ☒ Regional Herb. ☐ District Herb. ☐ Other: _____

LODGEMENT: WA Herb Lodgement No: _____

ATTACHED: Map ☐ Mudmap ☐ Photo ☐ GIS data ☐ Field notes ☒ Other: _____

COPY SENT TO: Regional Office ☐ District Office ☐ Other: _____

Submitter of Record: O.Nazarova Role: Botanist Signed: ON Date: 18/11/2024

Please return completed form to **Species And Communities Program** DBCA,
Locked Bag 104, BENTLEY DELIVERY CENTRE WA 6983 **OR** email to: flora.data@dbca.wa.gov.au

RECORDS: Please forward to **Flora Administrative Officer,** Species and Communities Program.

Record entered by:_____ **Sheet No.:**_____ **Record Entered in Database** ❑

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Threatened and Priority Flora Report Form

Version 1.4 March 2021

Please complete as much of the form as possible, with emphasis on those sections bordered in black. For information on how to complete the form please refer to the Threatened & Priority Flora Report Form (TPRF) manual on the DBCA website at www.dpaw.wa.gov.au/plants-and-animals/threatened-species-and-communities/threatened-plants

TAXON: Heliotropium murinum **TPFL Pop. No:**

OBSERVATION DATE: 29/05/24 **CONSERVATION STATUS:** P3 **New population** ☐

OBSERVER/S: Megan Gray **PHONE**

ROLE: Ecologist **ORGANISATION:** Focused Vision Consulting

EMAIL: projects@focusedvision.com.au

DESCRIPTION OF LOCATION (Provide at least nearest town/named locality, and the distance and direction to that place)**:**

Ca. 29.6 km SE of Marble Bar

Reserve No:

DBCA DISTRICT: **LGA:** Shire of East Pilbara Land manager present: ☐

DATUM:

GDA94 / MGA94 ☐
AGD84 / AMG84 ☐
WGS84 ☒
Unknown ☐

COORDINATES: (If UTM coords provided, **Zone** is also required)

DecDegrees ☐ DegMinSec ☐ UTMs ☐

Lat / Northing: -21.3982089

Long / Easting: 119.8982846

ZONE:

METHOD USED:

GPS ☒ Differential GPS ☐ Map ☐

No. satellites: ___ Map used: _____

Boundary polygon captured: ☐ Map scale: _____

LAND TENURE:

Nature reserve ☐ Timber reserve ☐ Private property ☐ Rail reserve ☐ Shire road reserve ☐
National park ☐ State forest ☐ Pastoral lease ☐ MRWA road reserve ☐ Other Crown reserve ☐
Conservation park ☐ Water reserve ☐ UCL ☐ SLK/Pole _____ to _____ Specify other: _____

AREA ASSESSMENT: Edge survey ☐ Partial survey ☐ Full survey ☐ Area observed (m²): _____

EFFORT: Time spent surveying (minutes): _____ No. of minutes spent / 100 m²: _____

POP'N COUNT ACCURACY: Actual ☒ Extrapolation ☐ Estimate ☐ Count method: _____
(Refer to field manual for list)

WHAT COUNTED: Plants ☐ Clumps ☐ Clonal stems ☐

TOTAL POP'N STRUCTURE:	**Mature:**	**Juveniles:**	**Seedlings:**	**Totals:**
Alive	15	3		18
Dead				

Area of pop (m²): 8597.6

Note: Pls record count as numbers (not percentages) for database.

QUADRATS PRESENT: No. ___ Size _____ Data attached ☐ Total area of quadrats (m²): _____

Summary Quad. Totals: Alive				

REPRODUCTIVE STATE: Clonal ☐ Vegetative ☐ Flowerbud ☐ Flower ☐
Immature fruit ☐ Fruit ☐ Dehisced fruit ☐ Percentage in flower: _____%

CONDITION OF PLANTS: Healthy ☐ Moderate ☐ Poor ☐ Senescent ☐

COMMENT:

THREATS - type, agent and supporting information: Eg clearing, too frequent fire, weed, disease. Refer to field manual for list of threats & agents. **Specify agent** where relevant. Rate current and potential threat impact: N=Nil, L=Low, M=Medium, H=High, E=Extreme Estimate time to potential impact: S=Short (<12mths), M=Medium (<5yrs), L=Long (5yrs+)	**Current impact (N-E)**	**Potential Impact (L-E)**	**Potential Threat Onset (S-L)**
• Graizing Weeds	L	L	M
•			
•			

Please return completed form to **Species And Communities Program** DBCA,
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RECORDS: Please forward to **Flora Administrative Officer,** Species and Communities Program.

Record entered by:_____ **Sheet No.:**_____ **Record Entered in Database** ❑

Department of Biodiversity, Conservation and Attractions

Threatened and Priority Flora Report Form

Version 1.4 March 2021

HABITAT INFORMATION:

LANDFORM:
Crest ☐
Hill ☐
Ridge ☐
Outcrop ☐
Slope ☐
Flat ☒
Open depression ☐
Drainage line ☐
Closed depression ☐
Wetland ☐

ROCK TYPE:
Granite ☐
Dolerite ☐
Laterite ☐
Ironstone ☐
Limestone ☐
Quartz ☐
Specify other: _____

LOOSE ROCK:
(on soil surface; eg gravel, quartz fields)
0-10% ☐
10-30% ☐
30-50% ☐
50-100% ☐

SOIL TYPE:
Sand ☒
Sandy loam ☐
Loam ☒
Clay loam ☐
Light clay ☐
Peat ☐
Specify other: _____

SOIL COLOUR:
Red ☒
Brown ☒
Yellow ☐
White ☐
Grey ☐
Black ☐
Specify other: _____

DRAINAGE:
Well drained ☐
Seasonally inundated ☐
Permanently inundated ☐
Tidal ☐

Specific **Landform** Element: _____
(Refer to field manual for additional values)

CONDITION OF SOIL: Dry ☐ Moist ☐ Waterlogged ☐ Inundated ☐

VEGETATION CLASSIFICATION*:
Eg: **1**. Banksia woodland (B. attenuata, B. ilicifolia); **2**. Open shrubland (Hibbertia sp., Acacia spp.) ; **3**. Isolated clumps of sedges (M.tetragona)

1. Acacia inaequilatera Tall Isolated Shrubland
2. Ptilotus auriculifolius Low Sparse shrubland
3. Triodia brizoides, Triodia epactia, and Triodia wiseana Mid Hummock Grassland.
4.

ASSOCIATED SPECIES:

Other (non-dominant) spp

* Please record up to four of the most representative vegetation layers (with up to three dominant species in each layer). Structural Formations should follow 2009 *Australian Soil and Land Survey Field Handbook* guidelines – refer to field manual for further information and structural formation table.

CONDITION OF HABITAT: Pristine ☐ Excellent ☒ Very good ☒ Good ☐ Degraded ☐ Completely degraded ☐

COMMENT:

FIRE HISTORY: **Last Fire:** Season/Month: _____ Year: _____ **Fire Intensity:** High ☐ Medium ☐ Low ☐ No signs of fire ☐

FENCING: Not required ☐ Present ☐ Replace / repair ☐ Required ☐ Length req'd: _____

ROADSIDE MARKERS: Not required ☐ Present ☐ Replace / reposition ☐ Required ☐ Quantity req'd: _____

OTHER COMMENTS: (Please include recommended management actions and/or implemented actions - include date. Also include details of additional data available, and how to locate it.)

Coordinates defining the population boundary:

-21.3990559,119.8977336
-21.3989252,119.8976089
-21.3987563,119.8984169
-21.3962598,119.8994586

FLORA AUTHORISATION / LICENCE No: FB62000334 Note if only observing plants (i.e. no specimens or plant matieral is taken) then no authorisation/licence is required. For further information on authorisation and licening requirements see the Threatened Flora and Wildlife Licensing pages on DBCA's website. Any actions carried out under authorisations/licences should be recorded above in the OTHER COMMENTS section.

SPECIMEN: Collectors No: EPM08 WA Herb. ☒ Regional Herb. ☐ District Herb. ☐ Other: _____

LODGEMENT: WA Herb Lodgement No: _____

ATTACHED: Map ☐ Mudmap ☐ Photo ☒ GIS data ☐ Field notes ☒ Other: _____

COPY SENT TO: Regional Office ☐ District Office ☐ Other: _____

Submitter of Record: O.Nazarova Role: Botanist Signed: ON Date: 18/11/2024w

Please return completed form to **Species And Communities Program** DBCA,
Locked Bag 104, BENTLEY DELIVERY CENTRE WA 6983 **OR** email to: flora.data@dbca.wa.gov.au

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TAXON: Heliotropium murinum **TPFL Pop. No:**

OBSERVATION DATE: 13/08/2024 **CONSERVATION STATUS:** P3 **New population** ☐

OBSERVER/S: Megan Gray **PHONE**

ROLE: Ecologist **ORGANISATION:** Focused Vision Consulting

EMAIL: projects@focusedvision.com.au

DESCRIPTION OF LOCATION (Provide at least nearest town/named locality, and the distance and direction to that place)**:**

Ca. 45.1 km SE of Marble Bar

Reserve No:

DBCA DISTRICT: **LGA:** Shire of East Pilbara Land manager present: ☐

DATUM:
GDA94 / MGA94 ☐
AGD84 / AMG84 ☐
WGS84 ☒
Unknown ☐

COORDINATES: (If UTM coords provided, **Zone** is also required)
DecDegrees ☐ DegMinSec ☐ UTMs ☐
Lat / Northing: -21.5029903
Long / Easting: 119.996922
ZONE:

METHOD USED:
GPS ☒ Differential GPS ☐ Map ☐
No. satellites: ___ Map used: ___
Boundary polygon captured: ☐ Map scale: ___

LAND TENURE:

Nature reserve ☐	Timber reserve ☐	Private property ☐	Rail reserve ☐	Shire road reserve ☐
National park ☐	State forest ☐	Pastoral lease ☐	MRWA road reserve ☐	Other Crown reserve ☐
Conservation park ☐	Water reserve ☐	UCL ☐	SLK/Pole ___ to ___	Specify other: ___

AREA ASSESSMENT: Edge survey ☐ Partial survey ☐ Full survey ☐ Area observed (m²): ___

EFFORT: Time spent surveying (minutes): ___ No. of minutes spent / 100 m²: ___

POP'N COUNT ACCURACY: Actual ☐ Extrapolation ☐ Estimate ☐ Count method: ___
(Refer to field manual for list)

WHAT COUNTED: Plants ☐ Clumps ☐ Clonal stems ☐

TOTAL POP'N STRUCTURE:

	Mature:	Juveniles:	Seedlings:	Totals:
Alive	100	13		113
Dead				

Area of pop (m²): 34471.9

Note: Pls record count as numbers (not percentages) for database.

QUADRATS PRESENT: No. ___ Size ___ Data attached ☐ Total area of quadrats (m²): ___

Summary Quad. Totals: Alive				

REPRODUCTIVE STATE: Clonal ☐ Vegetative ☐ Flowerbud ☐ Flower ☒
Immature fruit ☐ Fruit ☒ Dehisced fruit ☐ Percentage in flower: ___%

CONDITION OF PLANTS: Healthy ☐ Moderate ☐ Poor ☐ Senescent ☐

COMMENT:

THREATS - type, agent and supporting information: Eg clearing, too frequent fire, weed, disease. Refer to field manual for list of threats & agents. **Specify agent** where relevant. Rate current and potential threat impact: N=Nil, L=Low, M=Medium, H=High, E=Extreme Estimate time to potential impact: S=Short (<12mths), M=Medium (<5yrs), L=Long (5yrs+)	**Current impact (N-E)**	**Potential Impact (L-E)**	**Potential Threat Onset (S-L)**
• Graizing Weeds	L	L	M
•			
•			

Please return completed form to **Species And Communities Program** DBCA,
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RECORDS: Please forward to **Flora Administrative Officer,** Species and Communities Program.

Record entered by:_____ **Sheet No.:**_____ **Record Entered in Database** ❑

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Threatened and Priority Flora Report Form

Version 1.4 March 2021

HABITAT INFORMATION:

LANDFORM:
Crest ☐
Hill ☐
Ridge ☐
Outcrop ☐
Slope ☐
Flat ☒
Open depression ☐
Drainage line ☐
Closed depression ☐
Wetland ☐

ROCK TYPE:
Granite ☐
Dolerite ☐
Laterite ☐
Ironstone ☐
Limestone ☐
Quartz ☐
Specify other: _____

LOOSE ROCK:
(on soil surface; eg gravel, quartz fields)
0-10% ☐
10-30% ☐
30-50% ☐
50-100% ☐

SOIL TYPE:
Sand ☐
Sandy loam ☐
Loam ☒
Clay loam ☒
Light clay ☐
Peat ☐
Specify other: _____

SOIL COLOUR:
Red ☐
Brown ☐
Yellow ☐
White ☐
Grey ☐
Black ☐
Specify other: Orange

DRAINAGE:
Well drained ☐
Seasonally inundated ☐
Permanently inundated ☐
Tidal ☐

Specific **Landform** Element: _____
(Refer to field manual for additional values)

CONDITION OF SOIL: Dry ☐ Moist ☐ Waterlogged ☐ Inundated ☐

VEGETATION CLASSIFICATION*:
Eg: **1**. Banksia woodland (B. attenuata, B. ilicifolia); **2**. Open shrubland (Hibbertia sp., Acacia spp.) ; **3**. Isolated clumps of sedges (M.tetragona)

1. Acacia inaequilatera, Acacia ancistrocarpa and Grevillea pyramidalis subsp. leucadendron Tall Sparse Shrubland
2. Corchorus parviflorus Low Isolated Shrubs
3. Triodia epactia Mid Hummock Grassland.
4.

ASSOCIATED SPECIES:

Other (non-dominant) spp

* Please record up to four of the most representative vegetation layers (with up to three dominant species in each layer). Structural Formations should follow 2009 *Australian Soil and Land Survey Field Handbook* guidelines – refer to field manual for further information and structural formation table.

CONDITION OF HABITAT: Pristine ☐ Excellent ☒ Very good ☒ Good ☐ Degraded ☐ Completely degraded ☐

COMMENT: _____

FIRE HISTORY: **Last Fire:** Season/Month: _____ Year: _____ **Fire Intensity:** High ☐ Medium ☐ Low ☐ No signs of fire ☐

FENCING: Not required ☐ Present ☐ Replace / repair ☐ Required ☐ Length req'd: _____

ROADSIDE MARKERS: Not required ☐ Present ☐ Replace / reposition ☐ Required ☐ Quantity req'd: _____

OTHER COMMENTS: (Please include recommended management actions and/or implemented actions - include date. Also include details of additional data available, and how to locate it.) _____

Coordinates defining the population boundary:

-21.5029903,119.9969220
-21.5038120,119.9975773
-21.4908269,120.0039076
-21.4943003,120.0010786

FLORA AUTHORISATION / LICENCE No: FB62000334 Note if only observing plants (i.e. no specimens or plant matieral is taken) then no authorisation/licence is required. For further information on authorisation and licening requirements see the Threatened Flora and Wildlife Licensing pages on DBCA's website. Any actions carried out under authorisations/licences should be recorded above in the OTHER COMMENTS section.

SPECIMEN: Collectors No: FA05 WA Herb. ☒ Regional Herb. ☐ District Herb. ☐ Other: _____

LODGEMENT: WA Herb Lodgement No: _____

ATTACHED: Map ☐ Mudmap ☐ Photo ☐ GIS data ☐ Field notes ☒ Other: _____

COPY SENT TO: Regional Office ☐ District Office ☐ Other: _____

Submitter of Record: O.Nazarova Role: Botanist Signed: ON Date: 18/11/2024

Please return completed form to **Species And Communities Program** DBCA,
Locked Bag 104, BENTLEY DELIVERY CENTRE WA 6983 **OR** email to: flora.data@dbca.wa.gov.au

RECORDS: Please forward to **Flora Administrative Officer,** Species and Communities Program.

Record entered by:_____ **Sheet No.:**_____ **Record Entered in Database** ❑

Department of Biodiversity, Conservation and Attractions

Threatened and Priority Flora Report Form

Version 1.4 March 2021

Please complete as much of the form as possible, with emphasis on those sections bordered in black. For information on how to complete the form please refer to the Threatened & Priority Flora Report Form (TPRF) manual on the DBCA website at www.dpaw.wa.gov.au/plants-and-animals/threatened-species-and-communities/threatened-plants

TAXON: Heliotropium murinum **TPFL Pop. No:**

OBSERVATION DATE: 9/08/2024 **CONSERVATION STATUS:** P3 **New population** ☐

OBSERVER/S: Megan Gray **PHONE**

ROLE: Ecologist **ORGANISATION:** Focused Vision Consulting

EMAIL: projects@focusedvision.com.au

DESCRIPTION OF LOCATION (Provide at least nearest town/named locality, and the distance and direction to that place)**:**

Ca. 37.2 km SE of Marble Bar

Reserve No:

DBCA DISTRICT: **LGA:** Shire of East Pilbara Land manager present: ☐

DATUM:
GDA94 / MGA94 ☐
AGD84 / AMG84 ☐
WGS84 ☒
Unknown ☐

COORDINATES: (If UTM coords provided, **Zone** is also required)
DecDegrees ☐ DegMinSec ☐ UTMs ☐
Lat / Northing: -21.3291841
Long / Easting: 120.0644927
ZONE:

METHOD USED:
GPS ☒ Differential GPS ☐ Map ☐
No. satellites: ___ Map used: ___
Boundary polygon captured: ☐ Map scale: ___

LAND TENURE:

Nature reserve ☐	Timber reserve ☐	Private property ☐	Rail reserve ☐	Shire road reserve ☐
National park ☐	State forest ☐	Pastoral lease ☐	MRWA road reserve ☐	Other Crown reserve ☐
Conservation park ☐	Water reserve ☐	UCL ☐	SLK/Pole ___ to ___	Specify other: ___

AREA ASSESSMENT: Edge survey ☐ Partial survey ☐ Full survey ☐ Area observed (m²): ___

EFFORT: Time spent surveying (minutes): ___ No. of minutes spent / 100 m²: ___

POP'N COUNT ACCURACY: Actual ☐ Extrapolation ☐ Estimate ☐ Count method: ___
(Refer to field manual for list)

WHAT COUNTED: Plants ☐ Clumps ☐ Clonal stems ☐

TOTAL POP'N STRUCTURE:	**Mature:**	**Juveniles:**	**Seedlings:**	**Totals:**
Alive	40	4		44
Dead				

Area of pop (m²): 262081.6

Note: Pls record count as numbers (not percentages) for database.

QUADRATS PRESENT: No. ___ Size ___ Data attached ☐ Total area of quadrats (m²): ___

Summary Quad. Totals: Alive				

REPRODUCTIVE STATE: Clonal ☐ Vegetative ☐ Flowerbud ☐ Flower ☐
Immature fruit ☐ Fruit ☐ Dehisced fruit ☐ Percentage in flower: ___%

CONDITION OF PLANTS: Healthy ☐ Moderate ☐ Poor ☐ Senescent ☐

COMMENT:

THREATS - type, agent and supporting information: Eg clearing, too frequent fire, weed, disease. Refer to field manual for list of threats & agents. **Specify agent** where relevant. Rate current and potential threat impact: N=Nil, L=Low, M=Medium, H=High, E=Extreme Estimate time to potential impact: S=Short (<12mths), M=Medium (<5yrs), L=Long (5yrs+)	**Current impact (N-E)**	**Potential Impact (L-E)**	**Potential Threat Onset (S-L)**
• Graizing Weeds	L	L	M
•			
•			

Please return completed form to **Species And Communities Program** DBCA,
Locked Bag 104, BENTLEY DELIVERY CENTRE WA 6983 **OR** email to: flora.data@dbca.wa.gov.au

RECORDS: Please forward to **Flora Administrative Officer,** Species and Communities Program.

Record entered by:_____ **Sheet No.:**_____ **Record Entered in Database** ❑

Department of Biodiversity, Conservation and Attractions

Threatened and Priority Flora Report Form

Version 1.4 March 2021

HABITAT INFORMATION:

LANDFORM:
Crest ☐
Hill ☐
Ridge ☐
Outcrop ☐
Slope ☐
Flat ☒
Open depression ☐
Drainage line ☐
Closed depression ☐
Wetland ☐

ROCK TYPE:
Granite ☐
Dolerite ☐
Laterite ☐
Ironstone ☐
Limestone ☐
Quartz ☐
Specify other: _____

LOOSE ROCK:
(on soil surface; eg gravel, quartz fields)
0-10% ☐
10-30% ☐
30-50% ☐
50-100% ☐

SOIL TYPE:
Sand ☐
Sandy loam ☐
Loam ☐
Clay loam ☒
Light clay ☐
Peat ☐
Specify other: _____

SOIL COLOUR:
Red ☐
Brown ☒
Yellow ☐
White ☐
Grey ☐
Black ☐
Specify other: _____

DRAINAGE:
Well drained ☐
Seasonally inundated ☐
Permanently inundated ☐
Tidal ☐

Specific **Landform** Element: _____
(Refer to field manual for additional values)

CONDITION OF SOIL: Dry ☐ Moist ☐ Waterlogged ☐ Inundated ☐

VEGETATION CLASSIFICATION*:
Eg: **1**. Banksia woodland (B. attenuata, B. ilicifolia); **2**. Open shrubland (Hibbertia sp., Acacia spp.) ; **3**. Isolated clumps of sedges (M.tetragona)

1. Acacia inaequilatera and Grevillea pyramidalis subsp. leucadendron Tall Isolated Shrubland
2. Corchorus parviflorus Low Sparse Shrubland
3. Triodia wiseana Low Hummock Grassland.
4.

ASSOCIATED SPECIES:

Other (non-dominant) spp

* Please record up to four of the most representative vegetation layers (with up to three dominant species in each layer). Structural Formations should follow 2009 *Australian Soil and Land Survey Field Handbook* guidelines – refer to field manual for further information and structural formation table.

CONDITION OF HABITAT: Pristine ☐ Excellent ☒ Very good ☒ Good ☐ Degraded ☐ Completely degraded ☐

COMMENT:

FIRE HISTORY: **Last Fire:** Season/Month: _____ Year: _____ **Fire Intensity:** High ☐ Medium ☐ Low ☐ No signs of fire ☐

FENCING: Not required ☐ Present ☐ Replace / repair ☐ Required ☐ Length req'd: _____

ROADSIDE MARKERS: Not required ☐ Present ☐ Replace / reposition ☐ Required ☐ Quantity req'd: _____

OTHER COMMENTS: (Please include recommended management actions and/or implemented actions - include date. Also include details of additional data available, and how to locate it.)

Coordinates defining the population boundary:

-21.3291841,120.0644927
-21.330827,120.065671
-21.335798,120.076922
-21.335803,120.081023

FLORA AUTHORISATION / LICENCE No: FB62000334 Note if only observing plants (i.e. no specimens or plant matieral is taken) then no authorisation/licence is required. For further information on authorisation and licening requirements see the Threatened Flora and Wildlife Licensing pages on DBCA's website. Any actions carried out under authorisations/licences should be recorded above in the OTHER COMMENTS section.

SPECIMEN: Collectors No: FMG09 WA Herb. ☒ Regional Herb. ☐ District Herb. ☐ Other: _____

LODGEMENT: WA Herb Lodgement No: _____

ATTACHED: Map ☐ Mudmap ☐ Photo ☐ GIS data ☐ Field notes ☒ Other: _____

COPY SENT TO: Regional Office ☐ District Office ☐ Other: _____

Submitter of Record: O.Nazarova Role: Botanist Signed: ON Date: 18/11/2024

Please return completed form to **Species And Communities Program** DBCA,
Locked Bag 104, BENTLEY DELIVERY CENTRE WA 6983 **OR** email to: flora.data@dbca.wa.gov.au

RECORDS: Please forward to **Flora Administrative Officer,** Species and Communities Program.

Record entered by:_____ **Sheet No.:**_____ **Record Entered in Database** ❑

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TAXON: Quoya zonalis **TPFL Pop. No:**

OBSERVATION DATE: 8/08/2024 **CONSERVATION STATUS:** T **New population** ☐

OBSERVER/S: Sarah Beckwith **PHONE**

ROLE: Ecologist **ORGANISATION:** Focused Vision Consulting

EMAIL: projects@focusedvision.com.au

DESCRIPTION OF LOCATION (Provide at least nearest town/named locality, and the distance and direction to that place)**:**

Ca. 68.7 km west of Marble Bar

Reserve No:

DBCA DISTRICT: **LGA:** Shire of East Pilbara Land manager present: ☐

DATUM:
GDA94 / MGA94 ☐
AGD84 / AMG84 ☐
WGS84 ☒
Unknown ☐

COORDINATES: (If UTM coords provided, **Zone** is also required)
DecDegrees ☐ DegMinSec ☐ UTMs ☐
Lat / Northing: -21.2324828
Long / Easting: 119.0843363
ZONE:

METHOD USED:
GPS ☒ Differential GPS ☐ Map ☐
No. satellites: ___ Map used: _____
Boundary polygon captured: ☐ Map scale: _____

LAND TENURE:

Nature reserve ☐	Timber reserve ☐	Private property ☐	Rail reserve ☐	Shire road reserve ☐
National park ☐	State forest ☐	Pastoral lease ☐	MRWA road reserve ☐	Other Crown reserve ☐
Conservation park ☐	Water reserve ☐	UCL ☐	SLK/Pole _____ to _____	Specify other: _____

AREA ASSESSMENT: Edge survey ☐ Partial survey ☐ Full survey ☐ Area observed (m²): _____

EFFORT: Time spent surveying (minutes): _____ No. of minutes spent / 100 m²: _____

POP'N COUNT ACCURACY: Actual ☒ Extrapolation ☐ Estimate ☐ Count method: _____
(Refer to field manual for list)

WHAT COUNTED: Plants ☐ Clumps ☐ Clonal stems ☐

TOTAL POP'N STRUCTURE:

	Mature:	Juveniles:	Seedlings:	Totals:
Alive	5	2		7
Dead				

Area of pop (m²): _____
Note: Pls record count as numbers (not percentages) for database.

QUADRATS PRESENT: No. ___ Size _____ Data attached ☐ Total area of quadrats (m²): _____

Summary Quad. Totals: Alive				

REPRODUCTIVE STATE: Clonal ☐ Vegetative ☐ Flowerbud ☒ Flower ☒
Immature fruit ☐ Fruit ☐ Dehisced fruit ☐ Percentage in flower: _____%

CONDITION OF PLANTS: Healthy ☐ Moderate ☐ Poor ☐ Senescent ☐

COMMENT:

THREATS - type, agent and supporting information: Eg clearing, too frequent fire, weed, disease. Refer to field manual for list of threats & agents. **Specify agent** where relevant. Rate current and potential threat impact: N=Nil, L=Low, M=Medium, H=High, E=Extreme Estimate time to potential impact: S=Short (<12mths), M=Medium (<5yrs), L=Long (5yrs+)	**Current impact (N-E)**	**Potential Impact (L-E)**	**Potential Threat Onset (S-L)**
• Mining	L	L	L
•			
•			

Please return completed form to **Species And Communities Program** DBCA,
Locked Bag 104, BENTLEY DELIVERY CENTRE WA 6983 **OR** email to: flora.data@dbca.wa.gov.au

RECORDS: Please forward to **Flora Administrative Officer,** Species and Communities Program.

Record entered by:_____ **Sheet No.:**_____ **Record Entered in Database** ❑

Department of Biodiversity, Conservation and Attractions

Threatened and Priority Flora Report Form

Version 1.4 March 2021

HABITAT INFORMATION:

LANDFORM:
Crest ☐
Hill ☐
Ridge ☐
Outcrop ☐
Slope ☒
Flat ☐
Open depression ☐
Drainage line ☐
Closed depression ☐
Wetland ☐

ROCK TYPE:
Granite ☒
Dolerite ☐
Laterite ☐
Ironstone ☐
Limestone ☐
Quartz ☐
Specify other: _____

LOOSE ROCK:
(on soil surface; eg gravel, quartz fields)
0-10% ☐
10-30% ☐
30-50% ☐
50-100% ☐

SOIL TYPE:
Sand ☐
Sandy loam ☐
Loam ☒
Clay loam ☐
Light clay ☐
Peat ☐
Specify other: _____

SOIL COLOUR:
Red ☒
Brown ☒
Yellow ☐
White ☐
Grey ☐
Black ☐
Specify other: _____

DRAINAGE:
Well drained ☐
Seasonally inundated ☐
Permanently inundated ☐
Tidal ☐

Specific **Landform** Element: _____
(Refer to field manual for additional values)

CONDITION OF SOIL: Dry ☐ Moist ☐ Waterlogged ☐ Inundated ☐

VEGETATION CLASSIFICATION*:
Eg: **1**. Banksia woodland (B. attenuata, B. ilicifolia); **2**. Open shrubland (Hibbertia sp., Acacia spp.) ; **3**. Isolated clumps of sedges (M.tetragona)

1. Eucalyptus leucophloia subsp. leucophloia and Corymbia hamersleyana Low Isolated Trees
2. Grevillea wickhamii and Acacia inaequilatera Tall Sparse Shrubland
3. Triodia wiseana Low Open Hummock Grassland
4.

ASSOCIATED SPECIES:

Other (non-dominant) spp

* Please record up to four of the most representative vegetation layers (with up to three dominant species in each layer). Structural Formations should follow 2009 *Australian Soil and Land Survey Field Handbook* guidelines – refer to field manual for further information and structural formation table.

CONDITION OF HABITAT: Pristine ☐ Excellent ☒ Very good ☒ Good ☐ Degraded ☐ Completely degraded ☐

COMMENT:

FIRE HISTORY: **Last Fire:** Season/Month: _____ Year: _____ **Fire Intensity:** High ☐ Medium ☐ Low ☐ No signs of fire ☐

FENCING: Not required ☐ Present ☐ Replace / repair ☐ Required ☐ Length req'd: _____

ROADSIDE MARKERS: Not required ☐ Present ☐ Replace / reposition ☐ Required ☐ Quantity req'd: _____

OTHER COMMENTS: (Please include recommended management actions and/or implemented actions - include date. Also include details of additional data available, and how to locate it.)

FLORA AUTHORISATION / LICENCE No: FB62000535 Note if only observing plants (i.e. no specimens or plant matieral is taken) then no authorisation/licence is required. For further information on authorisation and licening requirements see the Threatened Flora and Wildlife Licensing pages on DBCA's website. Any actions carried out under authorisations/licences should be recorded above in the OTHER COMMENTS section.

SPECIMEN: Collectors No: SB04 WA Herb. ☒ Regional Herb. ☐ District Herb. ☐ Other: _____

LODGEMENT: WA Herb Lodgement No: _____

ATTACHED: Map ☐ Mudmap ☐ Photo ☒ GIS data ☐ Field notes ☒ Other: _____

COPY SENT TO: Regional Office ☐ District Office ☐ Other: _____

Submitter of Record: O.Nazarova Role: Botanist Signed: ON Date: 18/11/2024

Please return completed form to **Species And Communities Program** DBCA,
Locked Bag 104, BENTLEY DELIVERY CENTRE WA 6983 **OR** email to: flora.data@dbca.wa.gov.au

RECORDS: Please forward to **Flora Administrative Officer,** Species and Communities Program.

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Department of Biodiversity, Conservation and Attractions

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Please complete as much of the form as possible, with emphasis on those sections bordered in black. For information on how to complete the form please refer to the Threatened & Priority Flora Report Form (TPRF) manual on the DBCA website at www.dpaw.wa.gov.au/plants-and-animals/threatened-species-and-communities/threatened-plants

TAXON: Quoya zonalis **TPFL Pop. No:**

OBSERVATION DATE: 11/08/2024 **CONSERVATION STATUS:** T **New population** ☐

OBSERVER/S: Sarah Beckwith **PHONE**

ROLE: Ecologist **ORGANISATION:** Focused Vision Consulting

EMAIL: projects@focusedvision.com.au

DESCRIPTION OF LOCATION (Provide at least nearest town/named locality, and the distance and direction to that place)**:**

Ca. 56.8 km west of Marble Bar

Reserve No:

DBCA DISTRICT: **LGA:** Shire of East Pilbara Land manager present: ☐

DATUM:

GDA94 / MGA94 ☐
AGD84 / AMG84 ☐
WGS84 ☒
Unknown ☐

COORDINATES: (If UTM coords provided, **Zone** is also required)

DecDegrees ☐ DegMinSec ☐ UTMs ☐

Lat / Northing: -21.23890977

Long / Easting: 119.2003148

ZONE:

METHOD USED:

GPS ☒ Differential GPS ☐ Map ☐

No. satellites: ___ Map used: _____

Boundary polygon captured: ☐ Map scale: _____

LAND TENURE:

Nature reserve ☐ Timber reserve ☐ Private property ☐ Rail reserve ☐ Shire road reserve ☐
National park ☐ State forest ☐ Pastoral lease ☐ MRWA road reserve ☐ Other Crown reserve ☐
Conservation park ☐ Water reserve ☐ UCL ☐ SLK/Pole _____ to _____ Specify other: _____

AREA ASSESSMENT: Edge survey ☐ Partial survey ☐ Full survey ☐ Area observed (m²): _____

EFFORT: Time spent surveying (minutes): _____ No. of minutes spent / 100 m²: _____

POP'N COUNT ACCURACY: Actual ☒ Extrapolation ☐ Estimate ☐ Count method: _____
(Refer to field manual for list)

WHAT COUNTED: Plants ☐ Clumps ☐ Clonal stems ☐

TOTAL POP'N STRUCTURE:	**Mature:**	**Juveniles:**	**Seedlings:**	**Totals:**
Alive	8			8
Dead				

Area of pop (m²): 90

Note: Pls record count as numbers (not percentages) for database.

QUADRATS PRESENT: No. ___ Size _____ Data attached ☐ Total area of quadrats (m²): _____

Summary Quad. Totals: Alive				

REPRODUCTIVE STATE: Clonal ☐ Vegetative ☐ Flowerbud ☒ Flower ☐
Immature fruit ☐ Fruit ☐ Dehisced fruit ☐ Percentage in flower: _____%

CONDITION OF PLANTS: Healthy ☐ Moderate ☐ Poor ☐ Senescent ☐

COMMENT:

THREATS - type, agent and supporting information: Eg clearing, too frequent fire, weed, disease. Refer to field manual for list of threats & agents. **Specify agent** where relevant. Rate current and potential threat impact: N=Nil, L=Low, M=Medium, H=High, E=Extreme Estimate time to potential impact: S=Short (<12mths), M=Medium (<5yrs), L=Long (5yrs+)	**Current impact (N-E)**	**Potential Impact (L-E)**	**Potential Threat Onset (S-L)**
• Mining	L	L	L
•			
•			

Please return completed form to **Species And Communities Program** DBCA,
Locked Bag 104, BENTLEY DELIVERY CENTRE WA 6983 **OR** email to: flora.data@dbca.wa.gov.au

RECORDS: Please forward to **Flora Administrative Officer,** Species and Communities Program.

Record entered by:_____ **Sheet No.:**_____ **Record Entered in Database** ❑

Department of Biodiversity, Conservation and Attractions

Threatened and Priority Flora Report Form

Version 1.4 March 2021

HABITAT INFORMATION:

LANDFORM:
Crest ☐
Hill ☐
Ridge ☐
Outcrop ☐
Slope ☒
Flat ☐
Open depression ☐
Drainage line ☐
Closed depression ☐
Wetland ☐

ROCK TYPE:
Granite ☒
Dolerite ☐
Laterite ☐
Ironstone ☐
Limestone ☐
Quartz ☐
Specify other: _____

LOOSE ROCK:
(on soil surface; eg gravel, quartz fields)
0-10% ☐
10-30% ☐
30-50% ☐
50-100% ☐

SOIL TYPE:
Sand ☐
Sandy loam ☐
Loam ☒
Clay loam ☐
Light clay ☐
Peat ☐
Specify other: _____

SOIL COLOUR:
Red ☒
Brown ☒
Yellow ☐
White ☐
Grey ☐
Black ☐
Specify other: _____

DRAINAGE:
Well drained ☐
Seasonally inundated ☐
Permanently inundated ☐
Tidal ☐

Specific **Landform** Element: _____
(Refer to field manual for additional values)

CONDITION OF SOIL: Dry ☐ Moist ☐ Waterlogged ☐ Inundated ☐

VEGETATION CLASSIFICATION*:
Eg: **1**. Banksia woodland (B. attenuata, B. ilicifolia); **2**. Open shrubland (Hibbertia sp., Acacia spp.) ; **3**. Isolated clumps of sedges (M.tetragona)

1. Acacia tumida var. pilbarensis Tall Isolated Shrubs
2. Acacia hilliana Low Sparse Shrubland
3. Triodia epactia Open Mid Hummock Grassland.
4.

ASSOCIATED SPECIES:

Other (non-dominant) spp

* Please record up to four of the most representative vegetation layers (with up to three dominant species in each layer). Structural Formations should follow 2009 *Australian Soil and Land Survey Field Handbook* guidelines – refer to field manual for further information and structural formation table.

CONDITION OF HABITAT: Pristine ☐ Excellent ☒ Very good ☒ Good ☐ Degraded ☐ Completely degraded ☐

COMMENT:

FIRE HISTORY: **Last Fire:** Season/Month: _____ Year: _____ **Fire Intensity:** High ☐ Medium ☐ Low ☐ No signs of fire ☐

FENCING: Not required ☐ Present ☐ Replace / repair ☐ Required ☐ Length req'd: _____

ROADSIDE MARKERS: Not required ☐ Present ☐ Replace / reposition ☐ Required ☐ Quantity req'd: _____

OTHER COMMENTS: (Please include recommended management actions and/or implemented actions - include date. Also include details of additional data available, and how to locate it.)

Coordinates defining the population boundary:

-21.23890977, 119.2003148
-21.23889565,119.20035534
-21.23891243,119.20031595
-21.23898475,119.20035088

FLORA AUTHORISATION / LICENCE No: FB62000334 Note if only observing plants (i.e. no specimens or plant matieral is taken) then no authorisation/licence is required. For further information on authorisation and licening requirements see the Threatened Flora and Wildlife Licensing pages on DBCA's website. Any actions carried out under authorisations/licences should be recorded above in the OTHER COMMENTS section.

SPECIMEN: Collectors No: SB06 WA Herb. ☒ Regional Herb. ☐ District Herb. ☐ Other: _____

LODGEMENT: WA Herb Lodgement No: _____

ATTACHED: Map ☐ Mudmap ☐ Photo ☒ GIS data ☐ Field notes ☒ Other: _____

COPY SENT TO: Regional Office ☐ District Office ☐ Other: _____

Submitter of Record: O.Nazarova Role: Botanist Signed: ON Date: 18/11/2024

Please return completed form to **Species And Communities Program** DBCA,
Locked Bag 104, BENTLEY DELIVERY CENTRE WA 6983 **OR** email to: flora.data@dbca.wa.gov.au

RECORDS: Please forward to **Flora Administrative Officer,** Species and Communities Program.

Record entered by:_____ **Sheet No.:**_____ **Record Entered in Database** ❑

APPENDIX L – DECLARED PEST PLANT LOCATIONS

Family	Taxon	Status	Abundance	Coordinates - GDA 94		Year Recorded
				Easting (mE)	Northing (mN)	
Apocynaceae	Calotropis procera	Declared Pest - s22(2)	1	736509.51	7649931.35	2022 04
Apocynaceae	Calotropis procera	Declared Pest - s22(2)	5	738625.86	7642445.19	2022 04
Apocynaceae	Calotropis procera	Declared Pest - s22(2)	2	738626.16	7642445.61	2022 04
Apocynaceae	Calotropis procera	Declared Pest - s22(2)	1	755101.29	7639843.68	2022 04
Apocynaceae	Calotropis procera	Declared Pest - s22(2)	1	755287.96	7639008.21	2022 04
Apocynaceae	Calotropis procera	Declared Pest - s22(2)	1	766278.30	7643478.9	2022 04
Apocynaceae	Calotropis procera	Declared Pest - s22(2)	3	768412.59	7638543.74	2022 04
Apocynaceae	Calotropis procera	Declared Pest - s22(2)	1	778064.40	7644260.89	2022 04
Apocynaceae	Calotropis procera	Declared Pest - s22(2)	1	780383.07	7647383.15	2022 04
Apocynaceae	Calotropis procera	Declared Pest - s22(2)	2	791993.64	7634156.91	2022 04
Apocynaceae	Calotropis procera	Declared Pest - s22(2)	10	791998.89	7634215.70	2022 04
Apocynaceae	Calotropis procera	Declared Pest - s22(2)	1	795525.56	7618302.15	2022 04
Apocynaceae	Calotropis procera	Declared Pest - s22(2)	1	795644.34	7631965.04	2022 04
Apocynaceae	Calotropis procera	Declared Pest - s22(2)	3	797444.42	7628665.11	2022 04
Apocynaceae	Calotropis procera	Declared Pest - s22(2)	1	798140.95	7616176.99	2022 04
Apocynaceae	Calotropis procera	Declared Pest - s22(2)	1	798153.07	7616243.79	2022 04
Apocynaceae	Calotropis procera	Declared Pest - s22(2)	1	802389.35	7619944.10	2022 04
Apocynaceae	Calotropis procera	Declared Pest - s22(2)	1	816947.88	7636139.81	2022 04
Apocynaceae	Calotropis procera	Declared Pest - s22(2)	1	817174.99	7640194.98	2022 04
Apocynaceae	Calotropis procera	Declared Pest - s22(2)	1	819094.18	7640184.73	2022 04
Apocynaceae	Calotropis procera	Declared Pest - s22(2)	1	819598.11	7635953.29	2022 04
Apocynaceae	Calotropis procera	Declared Pest - s22(2)	3	819877.74	7646622.60	2022 04
Apocynaceae	Calotropis procera	Declared Pest - s22(2)	1	822523.29	7640792.85	2022 04
Apocynaceae	Calotropis procera	Declared Pest - s22(2)	1	823697.92	7645843.68	2022 04
Apocynaceae	Calotropis procera	Declared Pest - s22(2)	1	825646.66	7642849.02	2022 04
Apocynaceae	Calotropis procera	Declared Pest - s22(2)	1	803361.00	7631278.42	2022 10
Apocynaceae	Calotropis procera	Declared Pest - s22(2)	1	782443.17	7631057.41	2023 05
Apocynaceae	Calotropis procera	Declared Pest - s22(2)	2	783704.15	7629088.31	2023 05
Apocynaceae	Calotropis procera	Declared Pest - s22(2)	1	783746.95	7629147.33	2023 05
Apocynaceae	Calotropis procera	Declared Pest - s22(2)	1	783764.64	7629196.81	2023 05
Apocynaceae	Calotropis procera	Declared Pest - s22(2)	1	784512.67	7630051.49	2023 05
Apocynaceae	Calotropis procera	Declared Pest - s22(2)	2	787705.74	7629555.36	2023 05
Apocynaceae	Calotropis procera	Declared Pest - s22(2)	1	787726.08	7629532.86	2023 05
Apocynaceae	Calotropis procera	Declared Pest - s22(2)	1	787764.42	7629530.97	2023 05
Apocynaceae	Calotropis procera	Declared Pest - s22(2)	1	787783.75	7629488.79	2023 05
Apocynaceae	Calotropis procera	Declared Pest - s22(2)	1	787790.99	7629514.86	2023 05
Apocynaceae	Calotropis procera	Declared Pest - s22(2)	1	789962.11	7632785.64	2023 05
Apocynaceae	Calotropis procera	Declared Pest - s22(2)	1	790214.37	7630194.61	2023 05
Apocynaceae	Calotropis procera	Declared Pest - s22(2)	1	790227.30	7630211.85	2023 05
Apocynaceae	Calotropis procera	Declared Pest - s22(2)	1	790990.94	7629472.70	2023 05
Apocynaceae	Calotropis procera	Declared Pest - s22(2)	1	802755.44	7627752.06	2023 05
Apocynaceae	Calotropis procera	Declared Pest - s22(2)	1	802762.57	7627764.79	2023 05
Apocynaceae	Calotropis procera	Declared Pest - s22(2)	1	802763.04	7627749.15	2023 05
Apocynaceae	Calotropis procera	Declared Pest - s22(2)	1	802769.55	7627764.07	2023 05
Apocynaceae	Calotropis procera	Declared Pest - s22(2)	1	802772.32	7627711.24	2023 05
Apocynaceae	Calotropis procera	Declared Pest - s22(2)	1	802779.09	7627710.60	2023 05
Apocynaceae	Calotropis procera	Declared Pest - s22(2)	1	805395.44	7633952.38	2023 05
Apocynaceae	Calotropis procera	Declared Pest - s22(2)	1	809979.20	7628276.50	2023 05
Apocynaceae	Calotropis procera	Declared Pest - s22(2)	30	816396.42	7645850.37	2023 05
Apocynaceae	Calotropis procera	Declared Pest - s22(2)	50	825789.85	7639467.62	2023 05
Apocynaceae	Calotropis procera	Declared Pest - s22(2)	1	825827.92	7639497.97	2023 05
Apocynaceae	Calotropis procera	Declared Pest - s22(2)	15	825912.77	7639469.93	2023 05
Apocynaceae	Calotropis procera	Declared Pest - s22(2)	1	768640.51	7644856.98	2024 05
Apocynaceae	Calotropis procera	Declared Pest - s22(2)	1	780849.36	7641002.77	2024 05
Apocynaceae	Calotropis procera	Declared Pest - s22(2)	1	782098.29	7642241.50	2024 05

Apocynaceae	Calotropis procera	Declared Pest - s22(2)	1	819340.03	7630958.55	2024 05
Apocynaceae	Calotropis procera	Declared Pest - s22(2)	1	770963.57	7637346.80	2024 08