# Detailed Flora and Vegetation Survey
# Star of Mangaroon Gold Project

**Prepared for Dreadnought Resources Ltd**
**17 June 2025**



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| | | | | | | |

Onshore Environmental Consultants Pty Ltd
ACN 095 837 120
PO Box 227
YALLINGUP WA 6282
Phone 0427339842
E-mail: info@onshoreenvironmental.com.au

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# EXECUTIVE SUMMARY

A detailed flora and vegetation survey of Dreadnought Resources Ltd (Dreadnought) Star of Mangaroon Gold Project located in the Gascoyne bioregion of Western Australia was completed by Onshore Environmental Consultants Pty Ltd (Onshore Environmental) across three field visits in late March 2023, early August 2024 and early May 2025.

A total number of 260 plant taxa (including varieties and subspecies) from 47 families and 135 genera was recorded from the study area with species representation greatest among the Fabaceae, Poaceae, Malvaceae, Chenopodiaceae, Asteraceae, Amaranthaceae, Scrophulariaceae and Goodeniaceae families. The most speciose genera were *Acacia, Eremophila, Senna, Maireana, Abutilon, Eragrostis, Ptilotus, Sida, Euphorbia, Goodenia* and *Tephrosia.*

None of the plant taxa recorded from the study area were listed as Threatened Flora under the Commonwealth *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act) or the Western Australian *Biodiversity Conservation Act 2016* (BC Act).

Five Priority flora taxa, as recognised by the Department of Biodiversity Conservation and Attractions (DBCA), were recorded: *Acacia curryana, Harnieria* sp. Gascoyne (J.P. Bull ONS-2721.04) and *Swainsona longipilosa* (Priority 1), *Euphorbia inappendiculata* var. *inappendiculata* (Priority 3), and *Goodenia berringbinensis* (Priority 4). These five taxa were restricted to specific habitats that may be of local conservation significance including low granitic rises and stony plains with outcropping granite *(Acacia curryana),* levee bank of drainage lines *(Harnieria* sp. Gascoyne (J.P. Bull ONS-2721.04)*,* and gilgai drainage depressions *(Goodenia berringbinensis, Swainsona longipilosa* and *Euphorbia inappendiculata* var. *inappendiculata).* Additionally, two species of interest were recorded from the study area: *Abutilon* aff. *lepidum* (variable traits compared to the typical form) and *Acacia fuscaneura* (wide phyllode variant).

A total of 16 vegetation types associated with eight broad landforms were described and mapped from the study area. None of the terrestrial vegetation types were aligned with Commonwealth or State listed Threatened Ecological Communities (TECs) or State listed Priority Ecological Communities (PECs). Vegetation within the study area has been broadly mapped by Beard (1990) as two associations, both determined to be well represented at the state-wide, bioregional, and local government levels, with >99.75% of the pre-European extent remaining.

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# 1.0 INTRODUCTION

## 1.1 Preamble

Dreadnought holds exploration tenements which form the Mangaroon Project, located over a 168 km north-south length extending broadly from west of Barlee Range Nature in the northwest to Mount Augustus National Park in the southeast. The Mangaroon Project is situated approximately 210 km east northeast of Carnarvon and 250 km southeast of Exmouth in the Gascoyne region of Western Australia. The project includes a series of contiguous exploration tenements covering ~5,300 square kilometres.

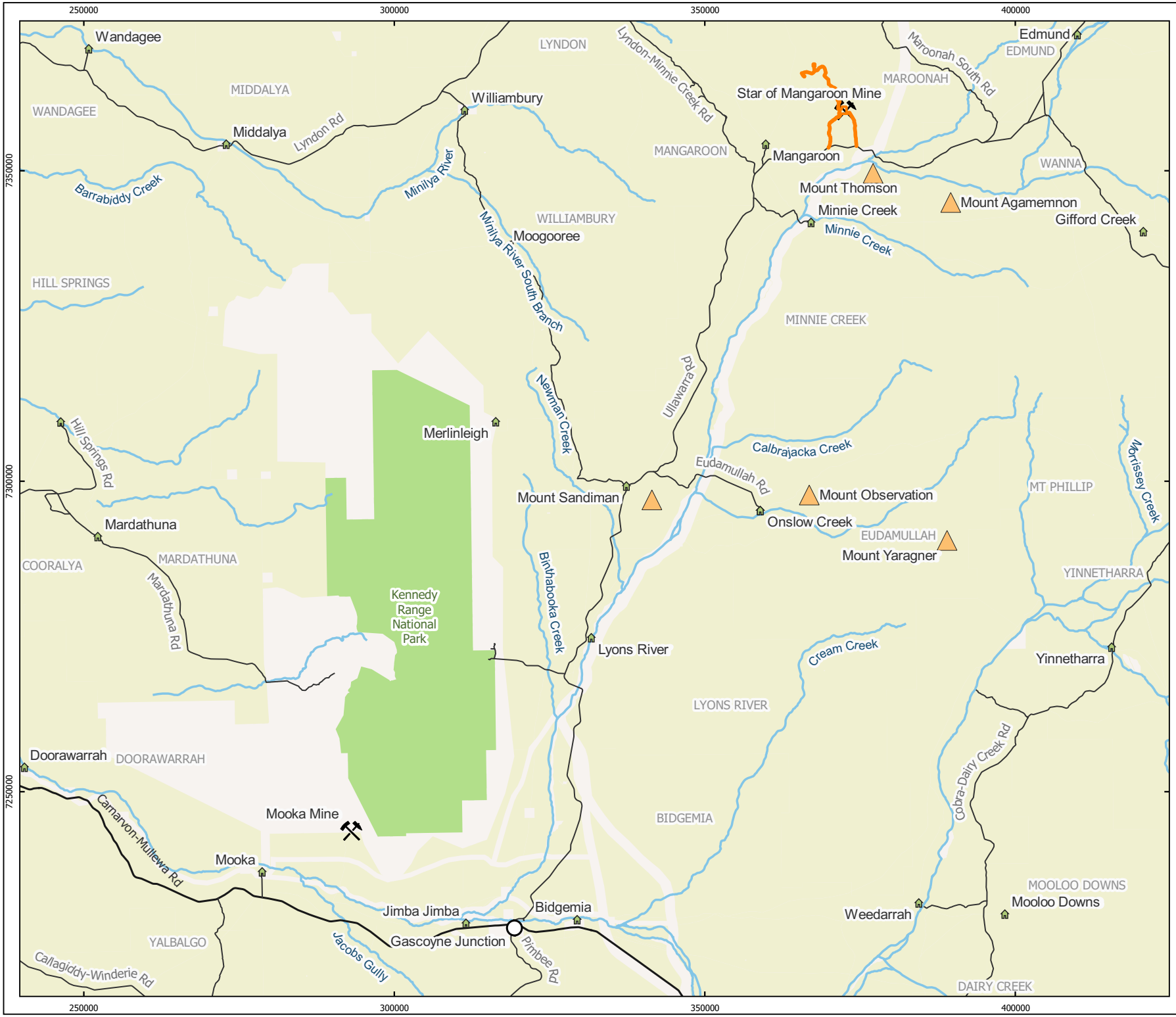
To provide an overview of the known ecological values within and surrounding the Mangaroon Project a desktop flora, vegetation and vertebrate fauna assessment was initially completed back in March 2021 (Onshore Environmental 2021). In October 2021 Onshore Environmental was commissioned by Dreadnought to undertake a detailed flora and vegetation survey of a larger 1,046 hectare (ha) area prospective for rare earth element (REE) (Onshore Environmental 2022a), along with a reconnaissance flora and vertebrate fauna survey of three gold exploration targets (Onshore Environmental 2022b). The targeted surveys continued across an additional eight exploration targets in late May 2022 (Onshore Environmental 2022c), five exploration targets in September 2022 (Onshore Environmental 2022d) and 15 exploration targets in March, May and August 2023 (Onshore Environmental 2023). These field surveys provided important data required to support findings from the preliminary desktop assessment, and recorded additional site specific information from a relatively under-surveyed portion of Western Australia.

The interception of a high grade gold deposit at the historic Star of Mangaroon Mine triggered additional biological survey work that included a detailed flora and vegetation survey completed over three field trips in late March 2023, early August 2024 and early May 2025.

## 1.2 Survey Objective

To determine the existing flora and vegetation values at the Star of Mangaroon Mine, two access road options into the prospect from Ullawarra Road, and a northern access track to the proposed project office laydown, magazine and accommodation village (Figure 1), Onshore Environmental was commissioned by Dreadnought to undertake a detailed level survey incorporating data recorded from three field surveys completed in late March 2023, early August 2024 and early May 2025.

The scope of the detailed flora and vegetation survey was to ground truth the entire study area to record all flora taxa present (total flora), record the location of conservation significant flora, describe and map vegetation types and determine similarity with Commonwealth and Western Australian listed TECs and DBCA listed PECs, and map vegetation condition.



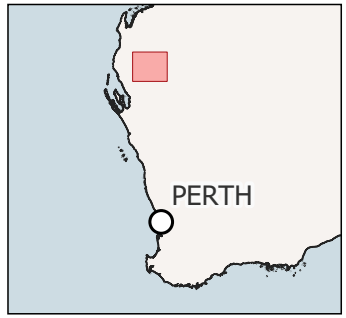

ONSHORE ENVIRONMENTAL

# DREADNOUGHT RESOURCES STAR OF MANGAROON PROJECT

## Figure 1: Location of the study area

**Legend**

- Star of Mangaroon Study Area
- National Parks
- Pastoral Stations




0 5 10 15 km

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# 2.0 EXISTING ENVIRONMENT

## 2.1 Biogeographic Regions

The Interim Biogeographic Regionalisation for Australia (IBRA) describes a system of 85 'biogeographic regions' (bioregions) and 403 subregions covering the entire Australian continent (Thackway and Cresswell 1995). Bioregions are defined on the basis of climate, geology, landforms, vegetation and fauna.

The study area is located within the Gascoyne bioregion, specifically within the Augustus (GAS03) subregion which is described as low rugged ranges of Proterozoic sediments and granites dissected by broad flat valleys and extensive areas of alluvial valley-fill deposits. The main drainage systems within the subregion are the Gascoyne River system and the headwaters of the Ashburton and Fortescue Rivers (Desmond *et al* 2001).

## 2.2 Climate

The climate of the Gascoyne bioregion is described as an arid (desert) climate with a bimodal rainfall pattern (Kendrick 2001). Climate data from the Bureau of Meteorology (BOM) Cobra Airstrip weather station is presented in Figure 2 (BOM 2025). The long term average rainfall for the region ranges from 216 mm at Gascoyne Junction in the south to 260 mm at Lyndon in the northwest. Rainfall is highest during Summer (January to March), with a second smaller peak occurring in Winter (May-July) (Figure 2). The area is prone to flooding after significant rainfall, particularly as ex-tropical cyclones cross the coast and move over inland areas. The driest period is experienced between September and December, with each of these four months averaging less than 20 mm of rainfall. Peak summer temperatures occur between December and March. In Summer, mean maximum temperatures reach 40.3°C during January, and fall to a mean minimum temperature of 8.9°C during July (Figure 2).

The 2022 annual rainfall total of 221.4 mm was only marginally lower than the long term average (233.4 mm) and included above average monthly rainfall in February (46.0 mm), March (27.4 mm), April (30.6 mm), May (51.0 mm) and September (39.8 mm).

Good Summer rainfall was received again during the January to March 2023 period (prior to the first phase field survey) with the three month total of 115.4 mm only marginally lower than the long term average of 133.2 mm for the same period. Low monthly rainfall totals of <5.4 mm were recorded for the remainder of 2023 resulting in total rainfall of 133.6 mm being well below the long term average.

A dry Summer and Autumn period for 2024 contributed to the below average annual total of 178.0 mm. Monthly falls recorded in June (39.4 mm), August (14.4 mm), September (18.2 mm), October (5.0 mm), November (23.2 mm) and December (52.4 mm) were above the long term monthly average.

Rainfall received over the four-month period between January and April 2025 totalled 77.2 mm and was below the long term average 141.5 mm. However, above average rainfall was received in January 2025 (52.4 mm) and supported by a further 19.6 mm during March 2025 (Figure 2).

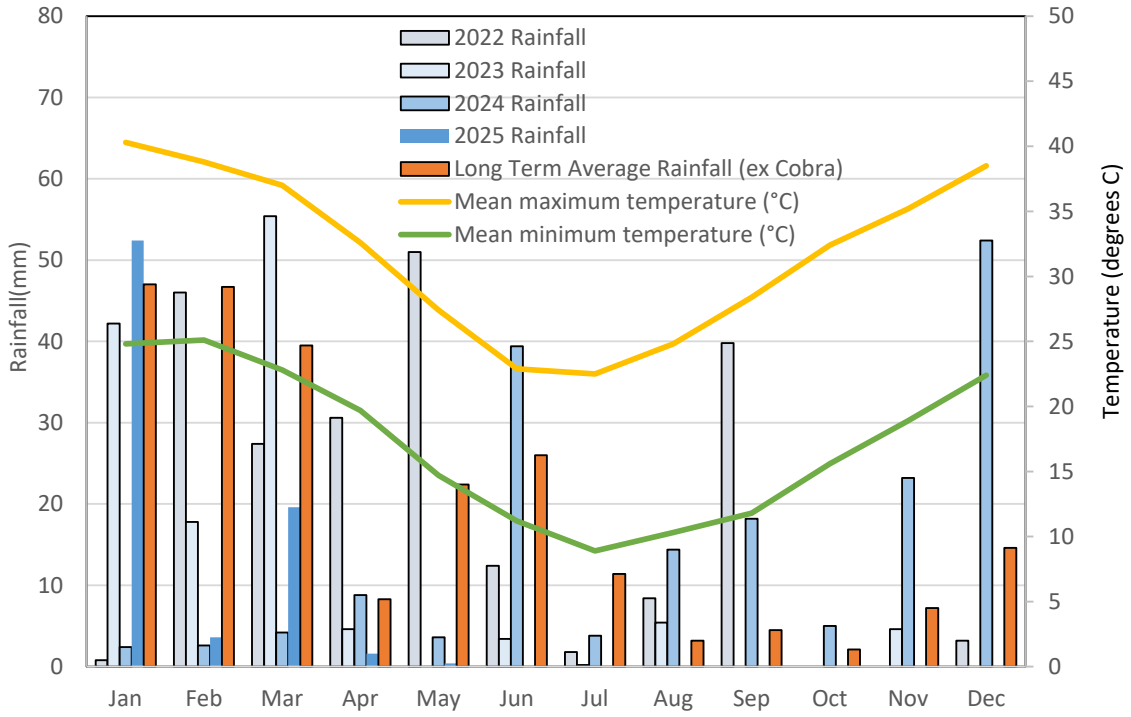



**Figure 2** **Climatic data recorded at the Cobra Airstrip weather station including rainfall for 2022, 2023, 2024 and January to May 2025 with long term average (BOM 2025).**

## 2.3 Land Use

The dominant land use in the Gascoyne bioregion is grazing of native pastures, unallocated crown land and crown reserves, and conservations reserves. The study area occurs within the boundary of the Mangaroon Pastoral Station which is actively stocked with droughtmaster cattle. The only population centres in the area are the town of Gascoyne Junction located 145km southwest of the study area, and the Burringurrah Aboriginal Community at Mount Augustus (approximately 120 km to the southeast).

Conservation areas in close proximity to the project area include the Barlee Range Nature Reserve (northeast), Mt Augustus National Park (southeast), and the Kennedy Ranges National Park (southwest). Several former pastoral leases in the area are now managed for conservation by the DBCA including parts of Wanna Station and Mt Phillip Station.

## 2.4 Landforms and Soils

Tille (2006) collated the most recent and detailed mapping of Western Australia's Rangelands and Arid interior into a hierarchy of soil-landscape mapping units. The study area falls within the Ashburton Province, an area that occupies approximately 188,375 km$^2$ (7.5% of Western Australia) and is located in the southern Pilbara / northern Gascoyne. Soils and landforms of the Ashburton Province are described as "Hills and ranges (with stony plains and hardpan wash plains) on the sedimentary and granitic rocks of the Capricorn Orogen. Stony soils with red loamy earths, red shallow loams and red-brown hardpan shallow loams (and some red deep sands, red/brown non-cracking clays and red deep sandy duplexes) (Tille 2006)." The Ashburton Province is divided into nine soil-landscape zones:

- Bulloo Plains and Hills Zone;

- South Bangemall Hills Zone;
- Frere Uplands Zone;
- Paroo Uplands Zone;
- Yaragner Hills and Plains Zone;
- Gascoyne Valley Zone;
- Stuart Plains and Hills Zone;
- Ashburton Valley Zone; and
- North Bangemall Hills Zone.

The study area lies within the South Bangemall Hills Zone. Landforms within this zone are described as hardpan wash plains (with hills, ranges and stony plains). Soils consist of red loamy earths and red/brown non-cracking clays with red shallow loams and red deep sands.

## 2.5 Land Systems

The Department of Agriculture (now the Department of Primary Industry and Regional Development) has conducted inventory and condition surveys of rangelands across Western Australia using an integrated survey method involving the land system approach to rangeland description evaluation. Local rangeland surveys cover the Ashburton River catchment (Mitchell *et al.* 1988), the Gascoyne (Wilcox and McKinnon 1974) and the Carnarvon Basin (Payne *et al.* 1987). Four land systems intersected the study area (Table 1, Figure 3) broadly associated with low hills (James and Philips land systems) and stony plains calcrete plains and rises (Durlacher and Nadarra land systems).

**Table 1 Land systems occurring within the study area.**

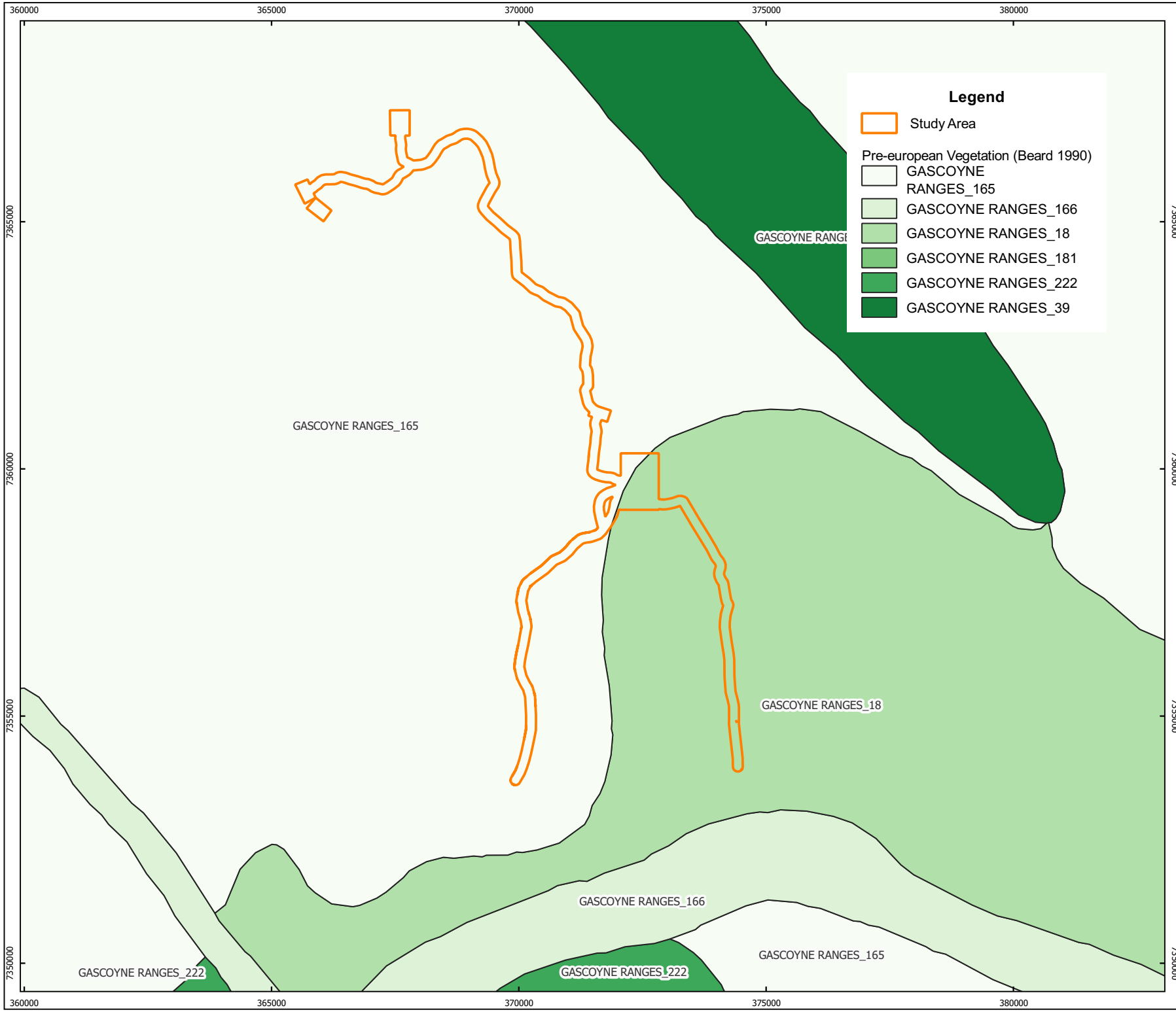
| Land System | Description |
|---|---|
| Durlacher | Stony plains, lower tributary drainage plains and low stony rises, supporting scattered tall shrublands of mulga and other acacias. |
| James | Low hills, ridges and tors of granite and quartz, with stony lower plains, rises and drainage floors; scattered tall shrublands of mulga and other acacias. |
| Nadarra | Plains and calcrete rises with chenopod shrublands and hard spinifex grasslands. |
| Phillips | Low hills and undulating uplands of crystalline rocks supporting mulga and other acacia-dominated tall shrublands. |

## 2.6 Flora and Vegetation

The study area is located within the Gascoyne Ranges Botanical District and the Gascoyne IBRA region, which is part of the Eremaean Botanical Province (Beard 1990). The original vegetation mapping was undertaken by Beard (1990) at a scale of 1:1,000,000 and was refined by Shepherd *et al.* (2002). There were two vegetation associations described from within the study area (Government of Western Australia 2018), predominantly supporting Mulga and Snakewood low woodland. While the Pre-European extent for each vegetation association was close to 100%, the proportion of each association occurring within formal or informal conservation reserves is generally low (Table 2, Figure 4).

**Table 2 Beard (1990) vegetation associations occurring within the project area.**

| Code | Vegetation Association | Pre-European Extent (ha) | Current Extent (ha) | % Pre-European Extent Remaining | % Current Extent Protected (IUCN I - IV) |
|---|---|---|---|---|---|
| 18 | Low woodland; Mulga (Acacia aneura) | 19,892,306.46 | 19,843,148.07 | 99.75 | 2.13 |
| 165 | Low woodland; Mulga and snakewood (Acacia eremaea) | 732,343.98 | 732,341.64 | 100.00 | 0.01 |




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# DREADNOUGHT RESOURCES STAR OF MANGAROON PROJECT

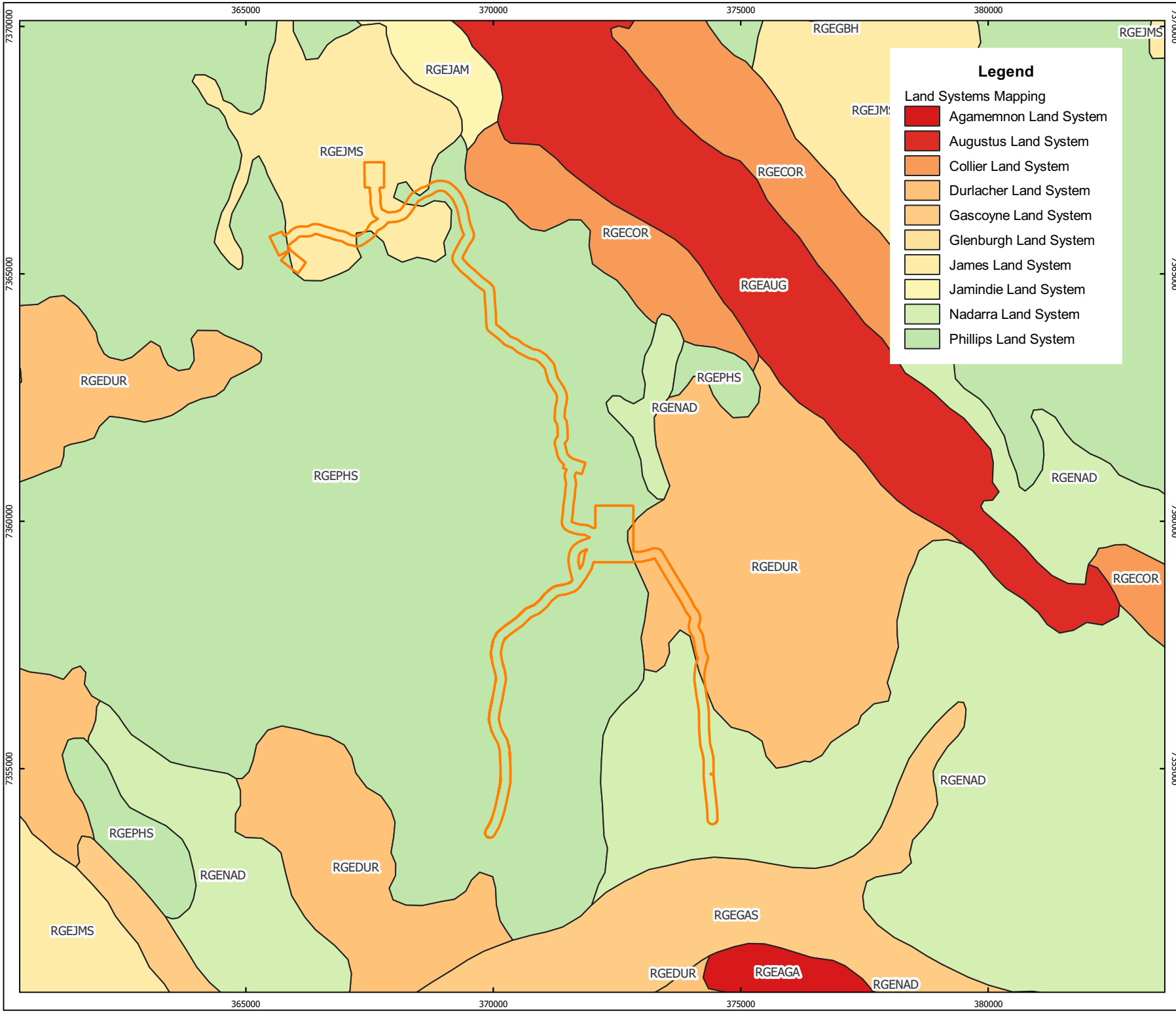
**Figure 3: Beard (1990) vegetation associations within the study area**

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# DREADNOUGHT RESOURCES STAR OF MANGAROON PROJECT

**Figure 4: Land systems occurring within the study area**

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# 3.0 METHODOLOGY

## 3.1 Guidance Statements

The detailed flora and vegetation survey was carried out in a manner that was compliant with Environmental Protection Authority (EPA) requirements for environmental surveying and reporting in Western Australia:

- Technical Guidance Flora and Vegetation Surveys for Environmental Impact Assessment (EPA 2016a);
- Environmental Factor Guideline: Flora and Vegetation (EPA 2016b); and
- Statement of Environmental Principles, Factors and Objectives (EPA 2020a).

## 3.2 Desktop Assessment

### 3.2.1 Literature Review

A comprehensive literature review of all publicly available literature in close proximity to the study area was undertaken, including a search of the Department of Water and Environmental Regulation's Index of Biodiversity Surveys for Assessment (DWER 2021). There have been a number of surveys completed for the Yangibana Project which lies adjacent to the current project area:

- Yangibana Targeted Flora and Vegetation Survey (Ecological Australia 2020); and
- Yangibana Project Biological Assessment: Flora and Vegetation (Ecoscape 2015a).

However, the most intensive survey work has been completed at local exploration targets by Dreadnought between October 2021 and August 2023 (Onshore Environmental 2022a, 2022b, 2022c, 2022d, 2023). Results from the above surveys are described in detail in Section 4.1.

### 3.2.2 Database Searches

The desktop assessment included databases relating to significant flora, TECs and PECs previously recorded or described within, or in close proximity to, the study area. The search was extended beyond the study area to place flora and fauna values into a local and regional context. The following databases were searched:

- NatureMap (Dandjoo): This database represents the most comprehensive source of information on the distribution of Western Australia's flora and fauna, comprising records from the DBCA database and the Western Australian Herbarium Specimen Database (40 km radial search around the study area) (DBCA 2021a);
- DBCA's Threatened and Priority flora database was searched to confirm the NatureMap results. The area searched included the project area with an additional 15 km buffer (DBCA 2021b);
- DBCA's TEC, PEC and Environmentally Sensitive Areas (ESAs) database was searched to identify significant communities (50 km radial search) (DBCA 2021c);
- EPBC Act Protected Matters Database (50 km radial search) (DCCEEW 2025);
- International Union for Conservation of Nature (IUCN) database (IUCN 2021); and
- Atlas of Living Australia (2025) database (10 km radial search conducted).

The results from the above database searches were compiled to provide a list of significant flora species and conservation significant vegetation communities that could potentially occur within the study area.

### 3.2.3 Assessment of Conservation Significance

The conservation significance of flora, fauna and ecological communities are classified at a Commonwealth, State and Local level on the basis of various Acts and Agreements, including:
International Level:

- IUCN: The IUCN 'Red List' lists species at risk under nine categories (status codes) (Appendix 1).

Commonwealth Level:

- EPBC Act: The DCCEEW lists Threatened flora, fauna and ecological communities, which are determined by the Threatened Species Scientific Committee according to criteria set out in the Act. The Act lists flora that are considered to be of conservation significance under one of six categories (Appendix 2).

State Level:

- BC Act: At a State level, native flora and fauna species are protected under the *Biodiversity Conservation Regulations 2018* (this has replaced the *Wildlife Conservation Act 1950*). A number of species are assigned an additional level of conservation significance based on a limited number of known populations and the perceived threats to these locations (Appendix 3); and
- DBCA Priority list: DBCA produces a list of Priority species and ecological communities that have not been assigned statutory protection under the BC Act. Possibly threatened species that do not meet survey criteria, or are otherwise data deficient, are added under Priorities 1, 2 or 3. Species that are adequately known, are rare but not threatened, or meet criteria for near threatened, or that have been removed from the threatened species list for other taxonomic reasons, are placed in Priority 4. These species require regular monitoring (see Appendix 4). The list of PECs identifies those that need further investigation before nomination for TEC status at a State level.

Local Level:

- Species may be considered of local conservation significance because of their patterns of distribution and abundance. Although not formally protected by legislation, such species are acknowledged to be in decline as a result of threatening processes, primarily habitat loss through land clearing.

### 3.2.4 Assessment of Likelihood of Occurrence in the Study Area

A list of conservation significant flora and fauna species occurring within a 50 km radius of the study area was compiled during the literature review and database searches. The likelihood of each taxon occurring within the study area was assessed using a set of rankings and criteria (as described in Table 3). The criteria are based on presence of suitable landform (inferred from aerial imagery with contours overlayed, and from knowledge of the adjacent areas) and distance to known records.

**Table 3 Ranking system used to assign the likelihood that a flora species would occur in the survey areas.**

| Rank | Criteria |
|---|---|
| Recorded | The species has been recorded in the survey area. |
| Likely to occur | The species has previously been recorded from a landform/habitat which is present within the survey area, and there are previous recent records within a 10 km radius of the survey area. |
| Possible to occur | The species has previously been recorded from a landform/habitat which is present within the survey area, and there are previous records within a 10-40 km radius of the survey area. |
| Unlikely to occur | The landform/habitat from which the species has previously been recorded is absent within the survey area, and/or there are no previous records within a 40 km radius of the survey areas. |

## 3.3 Survey Methodology

### 3.3.1 Timing and Personnel

The detailed flora and vegetation survey was completed by Principal Botanist Dr Jerome Bull and Ecologist Mr Thomas Mott across three field trips:

- 22nd to 29th of March 2023;
- 2nd to 7th of August 2024; and
- 7th to 12th of May 2025.

The Principal Botanist leading the field survey has over 25 years' experience working in the Gascoyne region and has described a number of newly discovered species from the bioregion.

### 3.3.2 Sampling of Study Sites

The field survey involved systematic sampling using quadrats (referred to as study sites). The study sites were 20 metres (m) by 20 m in size, which is recommended for the Gascoyne bioregion (EPA 2016a). A total of 75 quadrats were formally assessed (Figure 5). Study site locations were chosen based on consideration of the following requirements as per the technical guidelines for flora and vegetation surveys (EPA 2016a):

- A minimum of three quadrats within each vegetation type mapped in the study area (based on minimum area of occurrence);
- Vegetation within the quadrat was representative of the typical vegetation occurring within a vegetation type, i.e., quadrats were not placed within an area of transition between vegetation types or in close proximity to tracks or other significant disturbance;
- Quadrats were positioned to provide adequate spatial coverage across the study area; and
- Quadrats were positioned to capture the typical range of variability in landforms, geology, soils, vegetation, and other physical characteristics that were present across a vegetation type.

In addition to quadrats, relevé vegetation descriptions were made to increase the accuracy of vegetation mapping and capture additional information on the flora and vegetation of the study area. Relevé vegetation descriptions were utilised to target unusual areas or specific features

of geology, soil, landforms, or vegetation. They were also conducted in areas where conservation significant flora or previously unrecorded species were observed outside formal quadrats.

The quadrats were assessed to provide a list of the total flora occurring within the study area and a description of the vegetation structure. Data recorded covered a range of environmental parameters including:

- Landform and habitat;
- Aspect;
- Soil colour and soil type;
- Rock type;
- Slope (angle);
- Vegetation condition;
- Disturbance (caused by fire, clearing, grazing etc.);
- Age since fire;
- Broad floristic formation;
- Vegetation type description; and
- Height and percentage ground cover provided by individual plant taxa.

Other parameters recorded for each study site were:

- Study site number and date of assessment;
- Names of the botanists undertaking the assessment;
- Location description - a waypoint - GPS coordinate (GDA94) using a handheld GPS; and
- Photograph number (taken from north-west corner).

Vegetation condition for each of the study sites was determined using a recognised rating scale (based on Keighery 1994, see Appendix 5).




# DREADNOUGHT RESOURCES STAR OF MANGAROON PROJECT

## Figure 5: Quadrat locations within the study area

**Legend**

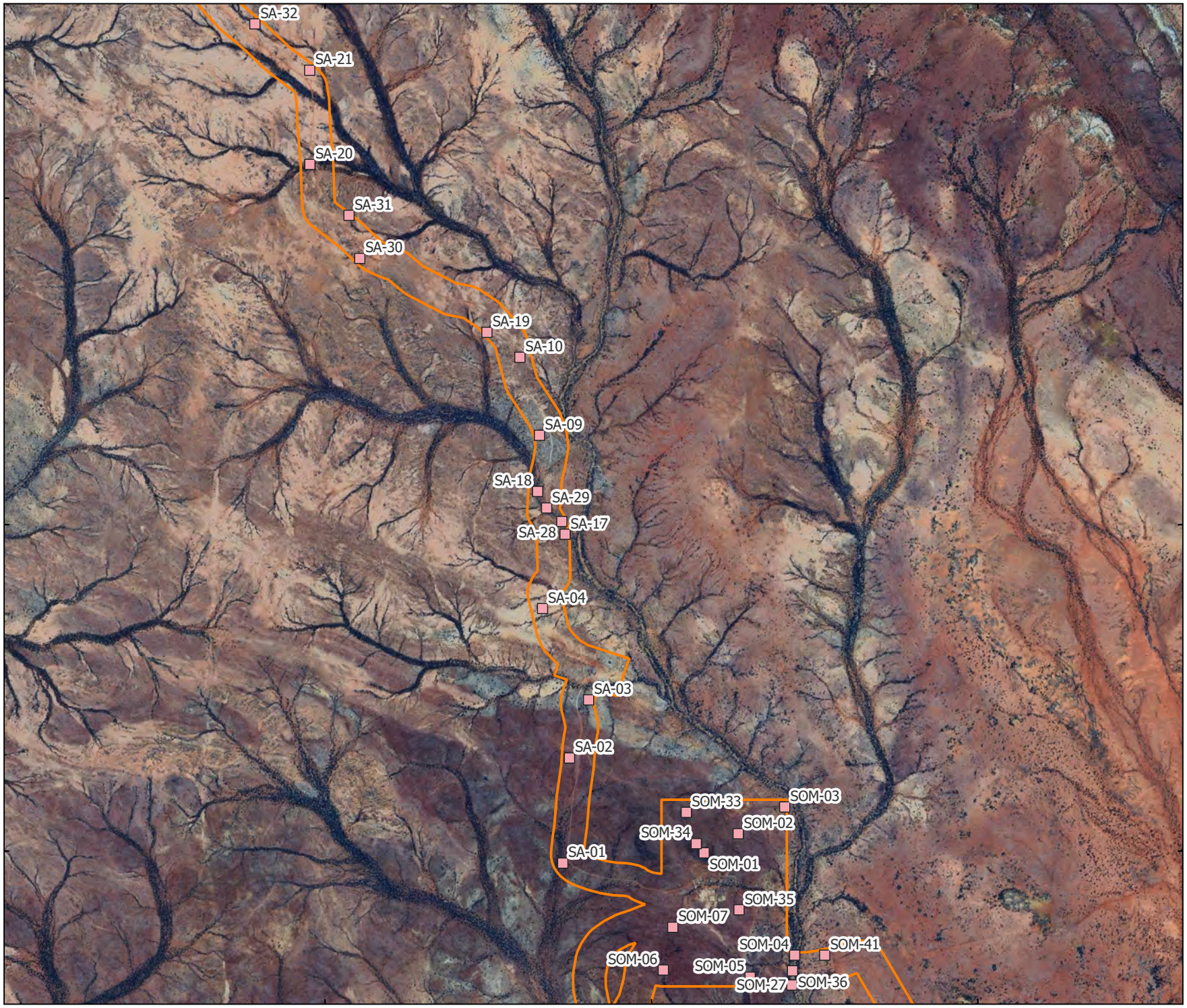
- Study Area
- Sample Sites

0 0.5 1 km

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| Document Control | |
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| Date: | 13th June 2025 |
| Status: | Final |
| Figure: | 5 |
| Sheet Size: | A3 |
| File Reference: | DR_SOM_Fig5_quadrats |

Datum: GDA 2020
Projection: MGA Zone 50




ONSHORE ENVIRONMENTAL

# DREADNOUGHT RESOURCES START OF MANGAROON PROJECT

## Figure 5: Quadrat locations within the study area

**Legend**

- Study Area
- Sample Sites

0 0.5 1 km

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| Date: | 13th June 2025 |
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ONSHORE ENVIRONMENTAL

# DREADNOUGHT RESOURCES START OF MANGAROON PROJECT

## Figure 5: Quadrat locations within the study area

**Legend**

- Study Area
- Sample Sites

0 0.5 1 km

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| Date: | 13th June 2025 |
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ONSHORE ENVIRONMENTAL

# DREADNOUGHT RESOURCES START OF MANGAROON PROJECT

**Figure 5: Quadrat locations within the study area**

**Legend**

- Study Area
- Sample Sites

0 0.5 1 km

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| Document Control | |
|---|---|
| Date: | 13th June 2025 |
| Status: | Final |
| Figure: | 5 |
| Sheet Size: | A3 |
| File Reference: | DR_SOM_Fig5_quadrats |

Datum: GDA 2020
Projection: MGA Zone 50

### 3.3.3 Targeted Surveys for Conservation Significant Species

Targeted searches for species of conservation significance were completed throughout the study area. Targeted searches were completed in habitats where it was anticipated that significant flora might occur based on habitat preferences (according to the database searches) and from previous knowledge of the local area and species characteristics. Ground truthing conducted across the study area provided an opportunity to record opportunistic locations for conservation significant flora and to undertake closer examination of specific landforms where conservation significant flora would be expected to occur. Targeted searches were also undertaken opportunistically when traversing the study area between quadrat sites.

Specific habitats targeted included granitic undulating hills and stony plains, seasonally inundated drainage flats and gilgai plains, and larger drainage lines with dense vegetation canopy. These habitats were intensively covered during the field survey due to their increased likelihood to support several conservation significant species. Where species of conservation significance were identified during the survey a relevé was conducted to record details of the species and the associated habitat. Relevé information formed the basis for additional targeted searches within the wider study area based on soils, landforms, vegetation, and microhabitats.

### 3.3.4 Weed Survey and Mapping

Introduced species were recorded from the quadrats formally assessed within the study area. Opportunistic collections were also made while moving throughout the study area, with targeted weed searches completed in high moisture habitats such as drainage lines and gilgai plains.

### 3.3.5 Floristic Analysis

A multivariate statistical analysis of the floristic quadrat data (75 quadrats) was completed to assist in understanding the vegetation-habitat relationships within the study area. Statistical analysis of quadrat data can support delineation of vegetation types within the study area and provide comparison against locally significant communities (TECs and PECs) where quadrat data is available.

A two-way classification (Agglomerative Hierarchical Fusion) of the presence/absence quadrat data was carried out on the 251[1] taxa x 75 quadrat dataset using the program PATN (Belbin 2003). The flexible unweighted pair group method with arithmetic mean (UPGMA) classification strategy was used ($\beta = -0.1$), together with the Bray-Curtis site similarity measure. The number of groups to be determined was set at 16. The primary output of the classification was in the form of a dendrogram (Appendix 6).

The results from the statistical analysis need to be appropriately analysed by an experienced botanist, and effects such as fire disturbance, ephemeral taxa, and spatial distribution of quadrats taken into consideration when interpreting the results. Plant taxa that occupy a range of vegetation types can obscure vegetation patterning and influence statistical outputs. It must be acknowledged that the results of multivariate statistical analysis may not always align with the delineated vegetation types.

[1] The number of taxa recorded within quadrats.

### 3.3.6 Vegetation Type Mapping

The classification of vegetation types within the study area follows the height, life form and density classes of Muir (1997) (see Appendix 7). This is largely a structural classification suitable for broader scale mapping but taking all ecologically significant strata into account. The vegetation mapping utilised high-resolution aerial photography of the entire study area at a scale of 1:10,000 with definition of vegetation polygons based on contrasting shading patterns. Ground-truthing of the study area was completed during the survey with vegetation descriptions made within selected vegetation polygons to confirm dominant structural layers and associated plant taxa. The 75 study sites were overlaid on the aerial photography, and associated flora and vegetation data was used to provide vegetation type descriptions for individual polygons defined.

### 3.3.7 Species Identification and Nomenclature

Voucher specimens were taken for plant species that could not readily be identified in the field to verify identification. Taxonomy was completed by Dr Jerome Bull, with selected voucher specimens provided to the specialist botanists within the Western Australian Herbarium for further study where required. Use was made of the Western Australian Herbarium (WAH) for confirmation of species identification.

### 3.3.8 Field Survey Constraints

The Environmental Protection Authority (EPA) Technical Guidance (EPA 2016b and EPA 2020b) list potential limitations that field surveys may encounter. Limitations associated with the survey are addressed in Table 4.

**Table 4 Relevance of constraints, as identified by EPA to the flora and vegetation survey (EPA 2016, EPA 2020).**

| Constraint | Relevance |
|---|---|
| Availability of contextual information at a regional and local scale | NOT A LIMITATION<br>There are a number of biological surveys that have been previously completed in close proximity to the study area, providing recent contextual information. In addition, the database searches confirmed a long history of conservation significant flora collection within a 50 km radius of the study area. This contextual information was confirmed to be accurate during the field survey, and was reflective of the vegetation types, total flora, and conservation significant flora recorded from the study area. |
| Proportion of flora recorded and/or collected, any identification issues | NOT A LIMITATION<br>The survey was undertaken at three different seasonal periods in March 2023, August 2024 and May 2025 during predominantly good seasonal conditions. A large proportion of the expected ephemeral flora taxa was recorded within the total flora indicating that a large proportion of the total flora was likely present. |
| Survey timing, rainfall, season of survey | NOT A LIMITATION<br>The field survey was completed in March 2023, August 2024 and May 2025. The March 2023 field survey followed an exceptional preceding two years of rainfall that was at or above the long term annual total. A total of 115.4mm of rainfall was received for the three months between January and March 2023, resulting in very good seasonal conditions. The three-month total preceding the August 2024 field survey was 57.6mm which exceeded the long term average for the same period (40.6mm) and resulted in good seasonal conditions. Rainfall for the four-months preceding the May 2025 survey was below average but did include a high January 2025 total resulting in fair seasonal conditions. |

| Constraint | Relevance |
|---|---|
| Disturbance that may have affected the results of survey such as fire, flood or clearing | NOT A LIMITATION<br>The major disturbance observed within the study area was related to grazing of native vegetation by domestic stock (cattle), and related activities linked to managing the herd (access tracks, stock watering points). There was also a localised area of historical mining disturbance mapped within the central sector of the study area related to the historic Star of Mangaroon Mine. None of the disturbances were a constraint to completing the field survey work. |
| Was the appropriate area fully surveyed (effort and extent) | NOT A LIMITATION<br>The field survey was completed by an experienced Principal Botanist accompanied by an Ecologist, with the entire study area ground truthed, 75 quadrats formally assessed, and targeted searches for conservation significant flora species completed within likely habitats of occurrence. The assessment represented an intensive field survey effort across multiple seasons and no further work was recommended. |
| Access restrictions within the survey area | NOT A LIMITATION<br>The study area was accessed by vehicle and on foot. There were no access restrictions. |
| Competency/experience of the team carrying out the survey, including experience in the bioregion surveyed | NOT A LIMITATION<br>The Principal Botanist working on the survey has over 25 years' experience completing surveys in the Gascoyne and neighbouring Pilbara Bioregions. |

# 4.0 RESULTS

## 4.1 Desktop Review

### 4.1.1 Previous Flora Surveys

The availability of biological survey data from the northern Gascoyne region is limited relative to the neighbouring Pilbara and southern Gascoyne regions, reflecting the relative scarcity of mineral exploration and mine project development in the region. A total of 12 publicly available flora and vegetation surveys have been completed within a 150 km radius of the study area (Table 5). Formal biological survey data is lacking for the three nearest conservation reserves: Barlee Range Nature Reserve to the northeast, Mount Augustus National Park to the southeast, and Kennedy Range National Park to the southwest.

The most relevant biological survey data outside of the recent work completed by Onshore Environmental in October 2021, May and September 2022 and March, May and August 2023, is from the Yangibana Rare Earths Project situated on a neighbouring tenement east of the study area. Biological survey work comprising detailed and targeted flora and vegetation survey work was undertaken over more than 800 $km^2$ at the Yangibana Project between 2015 and 2020 (Table 5). The flora and vegetation surveys recorded ten Priority flora taxa and 60 range extensions. The total flora did not include any Commonwealth EPBC listed flora, and no species were gazetted as Threatened Flora under the Western Australian BC Act.

Findings from all previous flora and vegetation surveys accessed during the literature review are summarised in Table 5, and include survey timing, survey type and sampling intensity, floristics, vegetation types, and conservation significant flora recorded.

**Table 5 Results from flora and vegetation surveys completed within a 150 km radius of the study area.**

| Report Name | Location | Study Area | Survey Timing | Sampling Intensity | Floristics | Conservation Significant Species |
|---|---|---|---|---|---|---|
| **Surveys inside, or within a 50 km radius, of the study area** | | | | | | |
| Detailed Flora and Vegetation Survey Mangaroon REE Target (Onshore Environmental 2022a) | Occurs within the southeast sector of the project area, and adjacent to five of the eight AOI forming the current study area. | Main Rare Earth Element (REE) exploration target, 1,046.41 hectares | 5-11 October 2021 | Detailed Survey<br>20 quadrats | 197 plant taxa<br>7 vegetation types | *Acacia curryana* (Priority 1), *Gymnanthera cunninghamii* (Priority 3), *Goodenia berringbinensis* (Priority 4)<br>One range extension |
| Cullen's North-west, Cullen's Find & Nail Areas of Interest Reconnaissance Flora and Vegetation Survey (Onshore Environmental 2022b) | Occurs centrally within the project area, and adjacent to six of the eight AOI forming the current study area. | Three exploration targets:<br>• Cullen's Find (273.09 ha);<br>• Cullen's North-west (211.34 ha); and<br>• Nail (84.86 ha) | 5-11 October 2021 | Reconnaissance Survey | 235 plant taxa<br>11 vegetation types | None recorded |
| Detailed Flora and Vegetation Survey 2022 Areas of Interest Mangaroon Project (Onshore Environmental 2022c) | Occurs within the southeast sector of the project area. | Main Rare Earth Element (REE) through to Money Intrusion target areas. | 23-27 May 2022 | Detailed Survey<br>43 quadrats | 218 plant taxa<br>24 vegetation types | *Acacia curryana* (Priority 1), *Gymnanthera cunninghamii* (Priority 3)<br>One range extension *(Bonamia pilbarensis)*<br>Species of Interest (wide phyllode variant of *Acacia fuscaneura*) |
| Targeted Flora and Vegetation Survey September 2022 Areas of Interest Mangaroon Project (Onshore Environmental 2022d) | Occurs across the width of study area. | Main Rare Earth Element (REE) through to Money Intrusion target areas. | 6-10 September 2022 | Targeted Survey (with vegetation type mapping) | NR | *Acacia curryana* and *Isotropis forrestii* (Priority 1), *Solanum octona* (Priority 2), *Gymnanthera cunninghamii* and *Sporobolus blakei* (Priority 3), and *Goodenia berringbinensis* (Priority 4)<br>Three species of interest: *Abutilon* aff. *lepidum* (differs from the typical forms), *Acacia* aff. *doreta* (400 km range extension to the west), and *Harnieria* sp. nov (new undescribed taxon). |

| Report Name | Location | Study Area | Survey Timing | Sampling Intensity | Floristics | Conservation Significant Species |
|---|---|---|---|---|---|---|
| Reconnaissance Flora and Vegetation Survey (Onshore Environmental 2023a) | Includes the Star of Mangaroon Project Area as part of a 15 exploration targets surveyed. | 15 exploration targets, including the Star of Mangaroon prospect. | 22-29 March 2023, 17-24 May 2023, 4-11 August 2023 | Reconnaissance & Targeted Survey | 26 vegetation types | *Acacia curryana Elacholoma* sp. Showy flowers (C.P. Campbell 1762), *Euphorbia* cf. *sarcostemmoides, Harnieria* sp. Gascoyne (J.P. Bull ONS-2721.04) and *Isotropis forrestii* (Priority 1), *Solanum octona* (Priority 2), *Gymnanthera cunninghamii, Sida* sp. Hamersley Range (K. Newbey 10692) and *Sporobolus blakei* (Priority 3), and *Goodenia berringbinensis* (Priority 4)<br>Species of Interest (wide phyllode variant of *Acacia fuscaneura*) and *Hibiscus* sturtii var. indet<br>7 range extensions |
| Yinnetharra Lithium Project Detailed Flora and Vegetation Survey (Stantec 2024) | 85 km south southeast of the study area | Yinnetharra Lithium Project (11,215 ha) | 6-11 April 2023, 15-28 August 2023, 18-28 March 2024, 2-11 July 2024 | Detailed & Targeted Survey | 325 flora taxa<br>32 vegetation types | *Acacia curryana* and *Isotropis forrestii* (Priority 1), *Wurmbea fluviatilis* and *Acacia petricola* (Priority 2), *Sporobolus blakei* (Priority 3), *Dodonaea amplisemina* and *Goodenia berringbinensis* (Priority 4) |
| Wiriji Infrastructure Corridor Flora and Fauna Report (Ecological Australia 2020) | 115 km corridor dissecting (east-west) the southern half of the project area | 115 km by 2 km infrastructure corridor | 19-28 June 2019, 25 September-3 October 2019, 1-2 & 9 April 2020 | Detailed Survey<br>100 quadrats | 260 flora tax<br>18 vegetation types | *Acacia curryana* (P1), *Solanum octonum* (P2), *Gymnanthera cunninghamii* (P3), *Sporobolus blakei* (P3)<br>11 range extensions |
| Yangibana Targeted Flora and Vegetation Survey (Ecological Australia 2020) | Adjoins the southeast sector of the project area | Targeted searches within areas identified by MS 1110 (6-1 and 6-2) | April and June 2020 | Targeted Survey | 3 vegetation types | *Acacia curryana* (P1), *Solanum octonum* (P2), *Gymnanthera cunninghamii* (P3), *Sporobolus blakei* (P3) and *Goodenia berringbinensis* (P4) |
| Yangibana Flora and Vegetation Addendum Report (Ecoscape 2019) | Adjoins the southeast sector of the project area | Targeted searches and additional sampling of 8 vegetation types | 12-16 March 2019 | Addendum to Detailed Survey<br>9 quadrats | 9 additional vegetation types | *Acacia curryana* (P1) *Rhodanthe frenchii* (P2)*, Acacia atopa* (P3), *Sporobolus blakei* (P3)<br>2 range extensions |

| Report Name | Location | Study Area | Survey Timing | Sampling Intensity | Floristics | Conservation Significant Species |
|---|---|---|---|---|---|---|
| Yangibana Rare Earths Project Flora and Fauna Survey (Ecological Australia 2017) | Adjoins the southeast sector of the project area | 20 $km^2$ proposed access road | 28 April-3 May 2017 | Reconnaissance & Targeted Survey<br>38 relevé plots | 8 vegetation types | *Goodenia berringbinensis* (P4) |
| Yangibana Project Biological Assessment: Flora and Vegetation (Ecoscape 2015a) | Adjoins the southeast sector of the project area | 550 $km^2$ tenement area | May and August 2015 | Detailed Survey<br>103 quadrats | 472 flora taxa<br>20 vegetation types | *Acacia curryana* (P1) *Rhodanthe frenchii* (P2), *Solanum octonum* (P2), *Wurmbea fluviatilis* (P2), *Gymnanthera cunninghamii* (P3), *Sporobolus blakei* (P3), *Goodenia berringbinensis* (P4), *Goodenia nuda* (P4), *Elacholoma* sp. 'Showy Flowers' (new taxon at the time of survey now P1)<br>58 range extensions |
| Biological Survey of the Barlee Range Nature Reserve (van Leeuwin 1998) | 40 km north-east of the project area | Not specified | Not reported | Detailed Survey<br>No. quadrats not reported | >320 plant taxa | *Sida* sp. Barlee Range (P3), *Wurmbea saccata* (P3) |

| Report Name | Location | Survey Timing | Floristics | Conservation Significant Species |
|---|---|---|---|---|
| **Surveys outside a 50 km radius of the study area** | | | | |
| Level 2 Flora and Vegetation Survey Manyingee Project (Onshore Environmental 2010) | 80 km north of the project area | 6-12 May 2009,<br>3-9 October 2009<br>Detailed survey | 128 flora taxa<br>17 vegetation types | *Eremophila forrestii* subsp. *viridis* (P3) |
| Mininer Tenement Flora and Vegetation Desktop Assessment (Onshore Environmental 2016) | 125 km east-north-east of the project area | Desktop Assessment | 24 vegetation associations inferred | Considered likely to occur: *Eremophila appressa* (P1), *Eremophila* sp. Snowy Mountain (S. van Leeuwen 3737) (P1), *Ptilotus mitchellii* (P1), *Oxalis* sp. Pilbara (M.E. Trudgen 12725) (P2), *Grevillea saxicola* (P3), *Eremophila youngii* subsp. *lepidota* (P4), *Ptilotus trichocephalus* (P4) |
| Yannarie Salt Project Flora and Vegetation Assessment (Biota Environmental Sciences 2005a) | 120 km to the north-west of the project area | 13-22 August 2004,<br>6-7 June 2004 | 192 taxa from 42 families and 100 genera<br>11 vegetation types | None |

| Report Name | Location | Survey Timing | Floristics | Conservation Significant Species |
|---|---|---|---|---|
| Learmonth Pipeline Fabrication Facility Detailed Flora, Vegetation and Targeted Survey (360 Environmental 2018a) | 150 km north west of the project area | 22-26 May 2017, 20-23 September 2017, 2-9 August 2018<br>16 quadrats<br>Detailed Survey | 126 taxa from 87 genera and 32 families<br>10 vegetation types | *Corchorus congener* (P3), *Calytrix* sp. Learmonth (S. Fox E Mopp 1) (P1) |

### 4.1.2 Threatened Flora listed under the EPBC Act

Database searches were undertaken (as detailed in Section 3.2.2) to identify conservation significant flora previously recorded within, or in the vicinity of, the study area. There were two plant species listed as Vulnerable from the Commonwealth EPBC database: *Pityrodia augustensis* (Mt Augustus Foxglove) and *Thryptomene wittweri* (Mountain Thryptomene).

### 4.1.3 Threatened Flora listed under the IUCN Red List

A search of the IUCN database (IUCN 2025) determined that no Threatened Flora taxon was likely to occur within the study area.

### 4.1.4 Threatened Flora listed under the BC Act

The DBCA rare flora database searches (DBCA 2021a) identified one Threatened Flora taxon occurring within a 100 km radius of the study area: *Pityrodia augustensis.*

### 4.1.5 Threatened Flora likely to occur within the study area

No Threatened Flora taxon listed under the Commonwealth EPBC Act or Western Australian BC Act has previously been recorded from the study area.

Two Threatened Flora taxa were identified from the EPBC Protected Matters and DBCA's rare flora searches: *Pityrodia augustensis* and *Thryptomene wittweri.* Both species were associated with high mountainous areas, specifically Mount Augustus and Mount Phillips. These habitats were restricted regionally and do not occur within the study area. Hence, these taxa were considered unlikely to occur within the study area.

### 4.1.6 Priority Flora listed by DBCA

The DBCA rare flora database searches (DBCA 2021a) identified eleven Priority flora species occurring within a 100 km radius of the study area, including five Priority 1 taxa, three Priority 2 taxa, two Priority 3 taxa and one Priority 4 taxon.

The NatureMap (Dandjoo) search (DBCA 2021b) identified nine Priority flora taxa occurring within a 50 km radius of the study area, including three Priority 1 taxa, four Priority 2 taxa, one Priority 3 taxon and one Priority 4 taxa.

The combined database searches identified 14 Priority flora taxa with potential to occur within the study area (Table 6). Based on the known distribution and habitat preferences of these Priority flora taxa and comparison with habitats known from the study area, four species were considered 'likely' to occur within the study area; *Acacia curryana* (P1), *Goodenia berringbinensis* (P4), *Gymnanthera cunninghamii* (P3) and *Solanum octona* (P2). Six other taxa may 'possibly' occur within the study area (Table 6).

**Table 6 Conservation significant flora previously recorded from database searches in the vicinity of the study area, and the likelihood of those taxa occurring within the study area.**

| Name | Code | Nearest Population | Habitat Description | Suitable habitat within study area | Likelihood of occurrence |
|---|---|---|---|---|---|
| *Acacia curryana* | P1 | 9 km east | Low granite hills in skeletal, brown, clayey loam, favours water gaining sites such as diffuse drainage channels. | Yes | Likely |
| *Acacia* sp. Jack Hills (R. Meissner & Y. Caruso 4) | P1 | >50km north (Barlee Range Nature Reserve) | Rocky outcrops, steep slope and hillcrests, red - orange skeletal loamy stony soil or sandy clay. | No | Unlikely |
| *Elacholoma* sp. Showy flowers (C.P. Campbell 1762) | P1 | 12 km southeast | Clay pans and depressions. | Yes | Possible |
| *Eremophila* sp. Pingandy dentate (B. Buirchell BB 331) | P1 | 14 km southeast | Plains. Rangeland with red loam. | Yes | Possible |
| *Euphorbia inappendiculata* var. *inappendiculata* | P2 | >50km north (Barlee Range Nature Reserve) | Stony rich red cracking clay on gentle slope. | Yes | Possible |
| *Goodenia berringbinensis* | P4 | 19 km east | Red sandy loam. Along watercourses and clay depressions. | Yes | Likely |
| *Gymnanthera cunninghamii* | P3 | 16 km east | Sandy soils and river banks. | Yes | Likely |
| *Josephinia* sp. Woodstock (A.A. Mitchell PRP 989) | P1 | 70 km northwest | Crabhole soil. | Yes | Unlikely |
| *Maireana prosthecochaeta* | P3 | 63 km southeast | Laterite. Hills, salty places. | No | Unlikely |
| *Nymphoides walshiae* | P1 | 90 km west northwest | Pond. Brown clay. | No | Unlikely |
| *Pityrodia augustensis* | T | 63 km southeast | Amongst rocks on slopes or in drainage lines. Northern facing slopes and summit of Mt Phillips. | No | Unlikely |
| *Rhodanthe frenchii* | P2 | 12 km east | Slopes, ridges and outcrops of granite or ironstone. | Yes | Possible |
| *Solanum octona* | P2 | 5 km northeast | Red/brown clay loam, seasonally inundated. | Yes | Likely |
| *Sporobolus blakei* | P3 | 20 km northeast | Red sandy clay, loam. Creeks. | Yes | Possible |
| *Thryptomene wittweri* | T | 70 km southeast (Mt Augustus) | Skeletal red stony soils. Breakaways, stony creek beds. High mountains. | No | Unlikely |
| *Wurmbea fluviatilis* | P2 | 19 km northeast | Sandy creek lines and drainage channels. | Yes | Possible |

### 4.1.7 TECs listed under Commonwealth and State Legislation

A search of the EPBC Act Protected Matters database (DCCEEW 2025) confirmed there were no Commonwealth listed TECs previously recorded within, or adjacent to, the study area. A search of the Western Australian communities database by DBCA (2021c) also confirmed there were no currently listed TEC records for the immediate study area or surrounds.

### 4.1.8 PECs recognised by DBCA

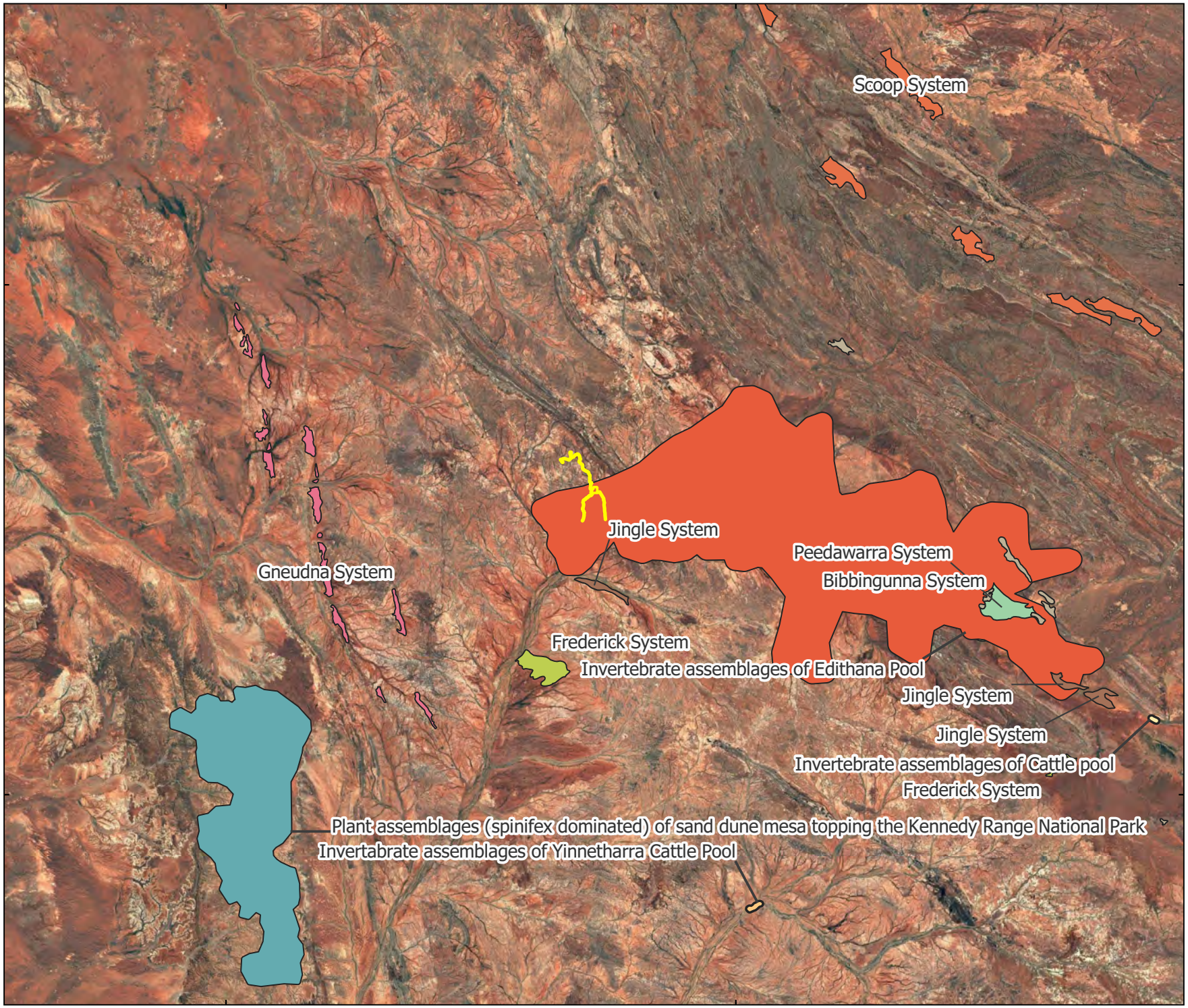
In addition to TECs, DBCA has generated a list of PECs occurring in the Mid-West region of Western Australia. The list identifies communities that require further investigation prior to nomination for TEC status. A search of DBCA's ecological community database (DBCA 2021c) confirmed that the buffer of one PEC overlapped the study area. A further nine PECs occur within a 100 km radius of the study area (Table 7, Figure 6).

The PEC overlaying the study area comprises a potentially unique assemblage of invertebrates that have been identified in a network of shallow calcrete aquifers; 'Gifford Creek, Mangaroon, Wanna calcrete groundwater assemblage type on Lyons palaeo-drainage on Gifford Creek, Lyons and Wanna Stations (Priority 1)'. The PEC is unrelated to terrestrial flora and vegetation and hence will not be discussed further.

**Table 7 PECs occurring within a 100 km radius of the study area.**

| Community | Description | Closest Location | Threats |
|---|---|---|---|
| **PEC buffer overlapping the study area** | | | |
| Gifford Creek, Mangaroon, Wanna calcrete groundwater assemblage type on Lyons palaeo-drainage on Gifford Creek, Lyons and Wanna Stations (Priority 1) | Unique assemblages of invertebrates have been identified in the groundwater calcretes. | Buffer is overlapping the study area | Hydrological changes associated with mining |
| **PEC buffer outside the study area** | | | |
| Jingle System (Priority 3iii) | Extensive alluvial plains marginal to rivers with minor sand banks supporting acacia shrublands and chenopod low shrublands. | 12 km south | Over grazing, erosion |
| Peedawarra System (Priority 3iii) | A tributary plain drainage system - characteristically saline, with mixed Acacia shrublands and grasslands. | 77 km east southeast | Over grazing |
| Gneudna System (Priority 3iii) | Plains with calcareous soils and parallel bands of siltstone and limestone outcrop, supporting sparse shrublands of acacia and bluebush. | 44 km southwest | Over grazing |

| Community | Description | Closest Location | Threats |
|---|---|---|---|
| Bibbingunna System (Priority 3iii) | Clay flats with crabholes and sluggish drainage; chenopod and tussock grass pastures. Characterised by heavy clay drainage swamps marked by finely etched meandering drainage typical of flat plains. Very slightly higher pebble strewn areas may occur within the swamps, but they are never very significant | 55 km northeast | Over grazing |
| Frederick System (Priority 3iii) | Hardpan wash plains with broad, reticulate mulga groves and wanderrie banks supporting acacia tall shrublands with grassy understorey. | 30 km south | Over grazing |
| Invertebrate assemblages of Edithana Pool (Priority 4) | High quality river pool on the Lyons River. High invertebrate diversity. | 74 km southeast | Cattle and Tilapia |
| Kennedy Range Spinifex (Priority 4) | Plant assemblages (spinifex dominated) of sand dune mesa topping the Kennedy Range National Park. | 66 km southwest | None |
| Invertebrate assemblages of Cattle Pool (Priority 4) | High quality river pool on the Lyons River adjacent to Mt Augustus National Park. High invertebrate diversity. | 113 km southeast | Cattle and Tilapia |
| Scoop System (Priority 3iii) | Stony plains with snakewood and chenopod shrublands. | 75 km northeast | Over grazing, erosion |




ONSHORE ENVIRONMENTAL

# DREADNOUGHT RESOURCES STAR OF MANGAROON PROJECT

## Figure 6: Threatened and Priority Ecological Communities

### Legend

- Study Area

TEC/PECs

- Gifford Creek, Mangaroon, Wanna calcrete groundwater assemblage
- Invertabrate assemblages of Yinnetharra Cattle Pool
- Invertebrate assemblages of Cattle pool
- Invertebrate assemblages of Edithana Pool
- Plant assemblages of sand dune mesas of Kennedy Range
- Frederick System
- Peedawarra System
- Jingle System

0 10 20 30 km

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| Document Control | |
|---|---|
| Date: | 17th June 2025 |
| Status: | Final |
| Figure: | 6 |
| Sheet Size: | A3 |
| File Reference: | DR_SOM_Fig6_TEC |

Datum: GDA 2020
Projection: MGA Zone 50

## 4.2 Flora Species

A total number of 260 plant taxa (including varieties and subspecies) from 47 families and 135 genera were recorded from the study area (Table 8, Appendix 8). Species representation was greatest among the Fabaceae, Poaceae, Malvaceae, Chenopodiaceae, Asteraceae, Amaranthaceae, Scrophulariaceae and Goodeniaceae (Table 8). The most speciose genera were *Acacia* (23 taxa), followed by *Eremophila* (eight taxa), *Senna* and *Maireana* (seven taxa), *Abutilon, Eragrostis, Ptilotus* and *Sida* (six taxa), and *Euphorbia, Goodenia* and *Tephrosia* (five taxa) (Table 8).

**Table 8 Statistics for total flora recorded from the study area.**

| Overview | No. Taxa |
|---|---|
| Families | 47 |
| Genera | 135 |
| Taxa (species, subspecies, varieties) | 260 |
| Native Taxa | 248 |
| Introduced Taxa | 12 |
| Threatened Flora | 0 |
| Priority Flora | 5 |
| Species of Interest | 2 |
| **Speciose Families** | **No. Taxa** |
| Fabaceae | 49 |
| Poaceae | 38 |
| Malvaceae | 21 |
| Chenopodiaceae | 21 |
| Asteraceae | 19 |
| Amaranthaceae | 12 |
| Scrophulariaceae | 8 |
| Goodeniaceae | 7 |
| Convolvulaceae | 7 |
| Brassicaceae | 6 |
| Cyperaceae | 6 |
| Euphorbiaceae | 6 |
| **Speciose Genera** | **No. Taxa** |
| *Acacia* | 23 |
| *Eremophila* | 8 |
| *Senna* | 7 |
| *Maireana* | 7 |
| *Abutilon* | 6 |
| *Eragrostis* | 6 |
| *Ptilotus* | 6 |
| *Sida* | 6 |
| *Euphorbia* | 5 |
| *Goodenia* | 5 |
| *Tephrosia* | 5 |
| *Eriachne* | 4 |
| *Hibiscus* | 4 |
| *Streptoglossa* | 4 |

The species accumulation curve demonstrates a decline in the number of new species recorded approaching the total sample area of 30,000 $m^2$, with a 10% increase in the final quadrats assessed yielding <3% new taxa (Figure 7). A total of 260 plant taxa were recorded from the 75 quadrats. All vegetation types occurring within the study area were considered to have been adequately sampled based on the heterogeneity and geographic distribution of these associations.

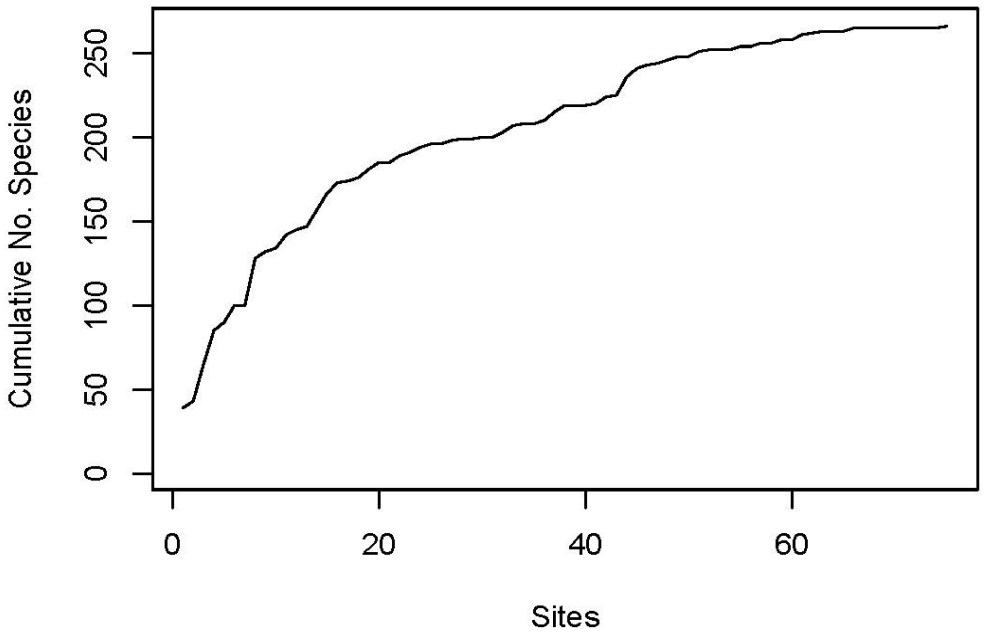



**Figure 7 Species accumulation curve for the 75 quadrats formally assessed within the study area.**

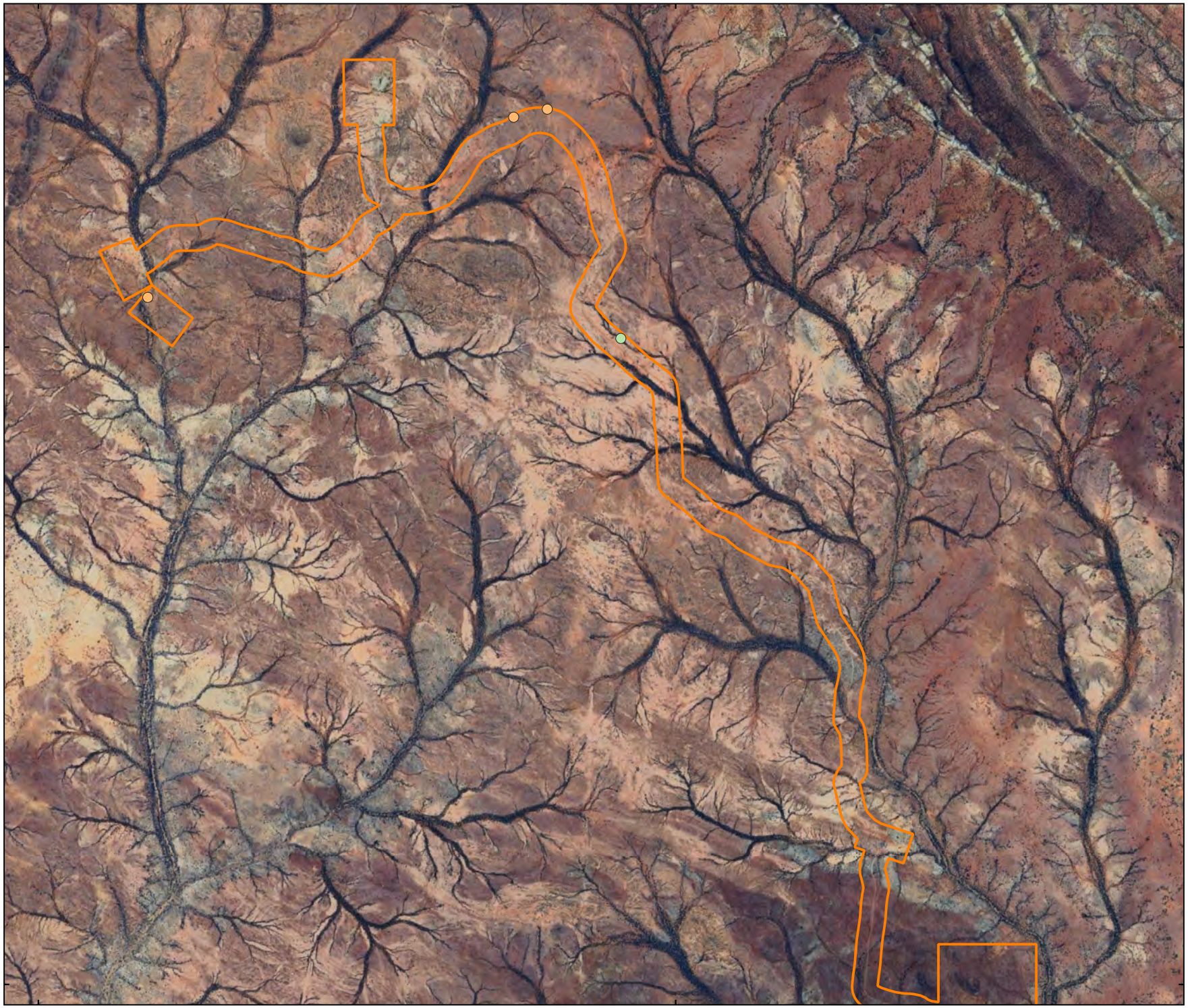
## 4.3 Significant Flora

No plant taxon listed as Threatened Flora under the Commonwealth EPBC Act or the Western Australian BC Act was recorded from the study area.

The following five Priority flora taxa, as recognised by the DBCA, were recorded from the study area:

- *Acacia curryana* (Priority 1);
- *Euphorbia inappendiculata* var. *inappendiculata* (Priority 3);
- *Goodenia berringbinensis* (Priority 4);
- *Harnieria* sp. Gascoyne (J.P. Bull ONS-2721.04) (Priority 1); and
- *Swainsona longipilosa* (Priority 1).

The location of conservation significant flora species are shown in Figure 8, with coordinates presented in Appendix 9.




ONSHORE ENVIRONMENTAL

# DREADNOUGHT RESOURCES STAR OF MANGAROON PROJECT

## Figure 8: Significant flora recorded from the study area

### Legend

- Study Area

Significant Flora

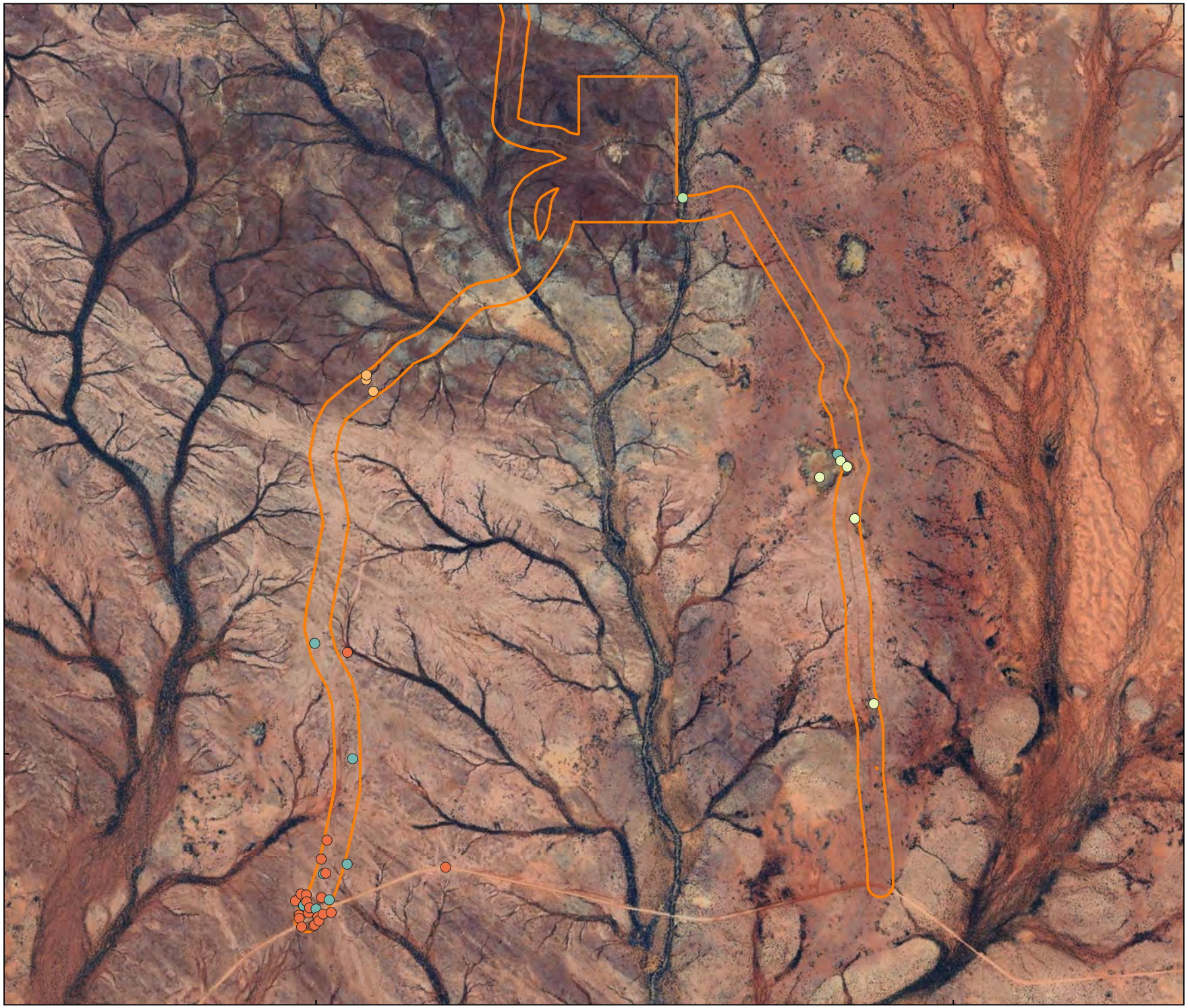
- Acacia fuscaneura (large phyllode variant) (SOI)
- Harnieria sp. Gascoyne (J.P. Bull ONS-2721.04) (P1)

0 0.5 1 1.5 km

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| Status: | Final |
| Figure: | 8 |
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Datum: GDA 2020
Projection: MGA Zone 50




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# DREADNOUGHT RESOURCES STAR OF MANGAROON PROJECT

## Figure 8: Significant flora recorded from the study area

### Legend

- Study Area

Significant Flora

- Abutilon aff. lepidum (SOI)
- Acacia curryana (P2)
- Acacia fuscaneura (large phyllode variant) (SOI)
- Euphorbia inappendiculata var. inappendiculata (P3)
- Goodenia berringbinensis (P4)
- Harnieria sp. Gascoyne (J.P. Bull ONS-2721.04) (P1)
- Swainsona longipilosa (P1)

0 0.5 1 1.5 km

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| Date: | 16th June 2025 |
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*Acacia curryana* (Priority 1)

*Acacia curryana* (Suzanne's Golden-pod Wattle) is an obconic or rounded multi-stemmed shrub occurring between 1.5 m and 2.5 m tall (Plate 1). It is characterised by small but broad, elliptic to obovate, obtuse, sericeous phyllodes with light brown to dark red-brown, resinous margins, and broad, densely villous pods that are golden-hairy when young. Although of restricted distribution it is locally common, found on low granite hills in skeletal brown clayey loam soils where it favours water-gaining sites (Maslin 2014). A recent targeted survey for *Acacia curryana* completed on behalf of Hastings Technology Metals Limited (Anders Environmental Consulting 2022) estimated a total of 42,468 individual *Acacia curryana* plants extending 108 km south and 87 km west of the Yangibana Rare Earths Project. Survey work completed by Onshore Environmental on behalf of Dreadnought between 2021 and 2023 (Onshore Environmental 2022a, 2022b, 2022c, 2022d, 2023) and Lanthenein Resources in 2023 (Onshore Environmental 2023) recorded a significant number of additional *Acacia curryana* plants and further extended the distribution at least 30 km further to the west and south-east.

*Acacia curryana* was recorded as 89 plants from 23 spot locations within the southwest sector of the western access route option, and including the intersection with Illawarra Road (Figure 8). Plants were typically 1-2 m in height (up to a maximum of 3 m tall) and occurred at densities approximating ten plants per ha. Associated vegetation was described as Open Shrubland of *Acacia curryana (Eremophila exilifolia)* over Very Open Tussock Grassland of *Aristida contorta* on red silty/sandy loam on granitic stony plains.



**Plate 1 *Acacia curryana* (Priority 1)**

*Euphorbia inappendiculata* var. *inappendiculata* (Priority 3)

*Euphorbia inappendiculata* var. *inappendiculata* is a prostrate annual herb growing to 0.3 m high (Plate 2) within claypans and on seasonally wet flats. It is recorded sparsely throughout the Pilbara bioregion and extends into the northern extent of the Gascoyne bioregion.

*Euphorbia inappendiculata* var. *inappendiculata* was recorded as 25 plants up to 5 cm in height from a single location midway along the eastern access route option (Figure 8). Plants were restricted to brown light clay occurring within lumpy drainage zones on gilgai plains. Associated vegetation was described as 'Low Open Woodland of *Acacia macraneura* and *Acacia xiphophylla* over Scattered Tall Shrubs of *Acacia tetragonophylla* and *Acacia synchronicia* over Scattered Shrubs of *Eremophila cuneifolia* over Low Scattered Shrubs of *Senna artemisioides* subsp. *oligophylla* and *Eremophila cuneifolia* over Open Tussock Grassland of *Eriachne benthamii, Eragrostis xerophila* and *Eragrostis setifolia* over Open Herbs of *Ptilotus gomphrenoides, Cullen graveolens* and *Stretoglossa bubakii'.*



**Plate 2 *Euphorbia inappendiculata* var. *inappendiculata*.**

*Goodenia berringbinensis* (Priority 4)

*Goodenia berringbinensis* is an ascending annual herb growing to 0.3 m tall with yellow flowers (Plate 3), typically found on heavy clay soils in depressions along larger drainage systems or on gilgai plains. There are 22 records for this taxon listed on Florabase distributed across the Pilbara, Gascoyne, Yalgoo and Murchison bioregions. *Goodenia berringbinensis* is also known to occur in South Australia (ALA 2021).

*Goodenia berringbinensis* was recorded as >575 plants from six point observations midway along the eastern access route option (Figure 8). Plants were up to 0.3 m in height, occurring on brown heavy clay within seasonally inundated gilgai depressions on stony plains. Associated vegetation was described as 'Herbs of *Marsilea hirsuta, Marsilea costulifera, Ptilotus gomphrenoides, Ptilotus fusiformis, Alternanthera nodiflora* and *Centipeda minima* subsp. *macrocephala* with High Open Shrubland of *Acacia synchronicia* and *Acacia tetragonophylla* and Open Tussock Grassland of *Eriachne benthamii* and *Eragrostis xerophila'.*



**Plate 3 *Goodenia berringbinensis*.**

*Harnieria* sp. Gascoyne (J.P. Bull ONS-2721.04) (Priority 1)

*Harnieria* sp. Gascoyne (J.P. Bull ONS-2721.04) is a perennial low shrub characterised by long elliptic leaves, opposite but generally not clustered, with sparse very short appressed hairs (Plate 4). It is a newly described species originating from previous survey work at the Mangaroon project.

It was recorded as 15 plants midway along the eastern access route option in the southern half of the study area, and approximately 50 plants midway along the northern corridor (Figure 8). At both locations it occurred in drainage lines with vegetation described as 'Woodland of *Eucalyptus victrix* over Low Woodland of *Acacia citrinoviridis* over Open Tussock Grassland of **Cenchrus setiger* (with **Cenchrus ciliaris*) in major draimage lines' or 'Low Woodland of *Acacia subtessarogona* over High Shrubland of *Acacia cuthbertsonii, Acacia sclerosperma* subsp. *sclerosperma* and *Acacia synchronicia* over Open Tussock Grassland of **Cenchrus ciliaris* and **Cenchrus setiger* on medium drainage lines'.



**Plate 4 *Harnieria* sp. Gascoyne (J.P. Bull ONS-2721.04).**

## *Swainsona longipilosa* (Priority 1)

*Swainsona longipilosa* is an annual herb occurring to 4 cm in height and flowering (red-purple) in August (Plate 5). It is known from two locations in the northern sector of the Carnarvon and Gascoyne bioregions where if grows on stony exposed hilltops within *Acacia* woodland.

*Swainsona longipilosa* was recorded as >175 plants from eight point observations within the southwest sector of the western access route option and midway along the eastern access route option (Figure 8). Plants were up to 0.1 m in height, occurring on red and orange silty loam and light medium clay on stony plains, gilgai plains and minor drainage lines. Associated vegetation was variable reflecting the three landforms where it occurred and included Low Open Shrubland of *Eremophila cuneifolia,* Open Tussock Grassland of *Eriachne benthamii* and *Eragrostis xerophila* with seasonal herbfields, and Open Shrubland of *Acacia curryana* and *Eremophila exilifolia.*



**Plate 5 Close-up view of *Swainsona longipilosa.***

Species of Interest

There were two species of interest recorded from the study area: *Abutilon* aff. *lepidum* (variable traits compared to the typical form) and *Acacia fuscaneura* (wide phyllode variant).

*Abutilon* aff. *lepidum* collections within the study area were differentiated from the typical and widespread form of *Abutilon lepidum* by smaller fruit, larger glandular hairs (<0.25 mm long vs. c. 1 mm long), longer pedicel, and leaves narrowly oblong ovate (vs. broad ovate to ovate) (Plate 6). Collections of *Abutilon* aff. *lepidum* from the study area fall along the western boundary of the known range for *Abutilon lepidum.* It was recorded at five plants from one location in the far southwest corner of the western access route option (Figure 8) occurring in red gritty sandy loam on granitic stony plains with quartz and granite cobbles at the surface.



**Plate 6 *Abutilon* aff. *lepidum***

A wide phyllode variant of *Acacia fuscaneura* was recorded as approximately 54 plants at three point locations along the northern sector of the western access route option, with a further 20 plants recorded from the northeast and northwest sectors of the study area (Figure 8). It had a distinctive conifer habit similar to *Acacia fuscaneura* but with anastomosing veins in the phyllodes (Plate 7), which is not found in any other described Mulga species except *Acacia craspedocarpa* and its variants. It was recorded as tall shrubs and low trees 5-10 m in height on undulating low hills and stony plains. Associated vegetation was recorded as Low Woodland of *Acacia subtessarogona* over High Shrubland of *Acacia cuthbertsonii (Acacia sclerosperma* subsp. *sclerosperma, Acacia tetragonophylla)* over Open Shrubland of *Scaevola spinescens, Senna glutinosa* subsp. *x luerssenii* and *Senna artemisioides* subsp. *helmsii* over Open Tussock Grassland of **Cenchrus ciliaris* and **Cenchrus setiger (Digitaria brownii)* on red orange loamy sand on medium drainage lines.

*Acacia fuscaneura* (wide phyllode variant) is represented in the WA Herbarium by a single historical collection from the "Lyons River" but without any specific coordinate or define location. Because this entity was poorly known (the lack of pods being especially troublesome) it was not dealt with properly in the Mulga revision. Onshore Environmental have now collected good flowering and fruiting material and formally described the

specimens. However, Mr Bruce Maslin has recommended that these specimens stay filed as variants under their presumed closest Mulga species rather than being assigned Phrase Names which would mean that they would become physically separated from the Mulgas in the collection.



**Plate 7 Close-up view of phyllode for *Acacia fuscaneura* (wide phyllode variant).**

## 4.4 Introduced Flora

None of the 12 introduced species recorded from the study area were listed as Declared Pests under the BAM Act or a Weed of National Significance (WONS):

- **Asphodelus fistulosus;*
- **Bidens bipinnata;*
- **Cenchrus ciliaris;*
- **Cenchrus setigera;*
- **Citrullus colocynthis;*
- **Datura leichhardtii* subsp. *leichhardtii;*
- **Echinochloa colona;*
- **Malvastrum americanum;*
- *Rumex vesicarius;*
- *Setaria verticillata;*
- *Sisymbrium* sp. indet.; and
- *Vachellia farnesiana.*

## 4.5 Vegetation Types

A total of 16 vegetation types associated with eight broad landforms were described and mapped across the study area (Table 9, Figure 9). A species by site matrix and raw data for the 75 study sites is presented in Appendices 10 and 11 respectively. The most widely represented vegetation types occurred on stony plains. None of the vegetation types

represented within the study area were aligned with Commonwealth or State listed TECs or State listed PECs. However, the buffer of the Gifford Creek PEC does intersect the study area. The PEC relates to the assemblage of invertebrates that have been identified in a network of shallow calcrete aquifers, and is not aligned with the terrestrial flora and vegetation.

Table 9 Vegetation types mapped within the study area.

| Code | Vegetation Description | Quadrats | Vegetation Condition | Area (ha) | % of Study Area |
|---|---|---|---|---|---|
| MI AsAa | Low Woodland of Acacia subtessarogona over High Shrubland of Acacia cuthbertsonii (Acacia sclerosperma subsp. sclerosperma, Acacia tetragonophylla) over Open Shrubland of Scaevola spinescens, Senna glutinosa subsp. x luerssenii and Senna artemisioides subsp. helmsii over Open Tussock Grassland of *Cenchrus ciliaris and *Cenchrus setiger (Digitaria brownii) on red orange loamy sand on minor and medium drainage lines | SA-01, SOM-06, SOM-20, SOM-25, SOM-28, SOM-30, SOM-32 | Excellent to Poor | 34.88 | 5.13 |
| CP AxAmAsy Ec LdEs | High Open Shrubland of Acacia xiphophylla (Acacia macraneura, Acacia synchronicia) over Open Low Shrubland of Eremophila cuneifolia (Senna artemisioides subsp. helmsii, Senna sp. Meekatharra (E. Bailey 1-26), Senna artemisioides subsp. oligophylla) over Open Low Shrubland of Eremophea spinosa and Lawrencia densifolia on brown silty loam on calcrete plains | SA-03, SA-09, SOM-11, SOM-26, SOM-29 | Very Good to Good | 29.66 | 4.37 |
| SP GbAap Epp | Scattered Tall Shrubs of Grevillea berryana over Open Shrubland of Eremophila phyllopoda subsp. phyllopoda (Senna glutinosa subsp. x luerssenii) over Low Shrubland of Eremophila phyllopoda subsp. phyllopoda, Senna artemisioides subsp. helmsii and Ptilotus obovatus over Open Tussock Grassland of Aristida contorta on red orange silty loam on undulating low hills and stony plains | SA-02, SA-06, SA-15, SOM-02, SOM-05, SOM-07, SOM-21, SOM-24, SOM-31, SOM-35 | Excellent to Very Good | 175.07 | 25.77 |
| SP HpAcc Ec | Low Open Shrubland of Eremophila cuneifolia (Senna artemisioides subsp. helmsii) over Very Open Tussock Grassland of Aristida contorta on red orange silty loam on stony plains | SA-11, SA21, SOM-17, SOM-22, SOM-23 | Very Good | 135.26 | 19.91 |
| SP Ax | High Open Shrubland of Acacia xiphophylla and Acacia synchronicia over Scattered Shrubs of Senna artemisioides subsp. x luerssenii over Low Open Shrubland of Eremophila cuneifolia on brown silty loam on stony plains and footslopes | SA-22, SOM-13, SOM-18, SOM-41 | Very Good | 75.48 | 11.11 |
| ME AcAsAk | Open Woodland of Eucalyptus victrix and Acacia citrinovirids over Low Woodland of Acacia citrinoviridis over High Open Shrubland of Acacia pyrifolia var. pyrifolia and Acacia cuthbertsonii subsp. cuthbertsonii over Low Open Shrubland of Indigofera monophylla (Tephrosia rosea var. Fortescue Creeks (M.I.H.Brooker 2186)) over Open Tussock Grassland of *Cenchrus ciliaris (*Cenchrus setiger) on brown loamy sand on major drainage lines | SA-08, SOM-04, SOM-27, SOM-36 | Good to Poor | 5.61 | 0.83 |
| FP AkAcuAt Eff | Low Open Woodland of Acacia macraneura over High Open Shrubland of Acacia cuthbertsonii and Acacia tetragonophylla over Low Open Shrubland of Eremophila fraserii and Senna artemisioides subsp. helmsii (Ptilotus obovatus) on red loamy sand on floodplains | SA-13, SA-25, SA-26 | Degraded to Good | 4.14 | 0.61 |

| Code | Vegetation Description | Quadrats | Vegetation Condition | Area (ha) | % of Study Area |
|---|---|---|---|---|---|
| MI AcAa AmAccAk Cm | Low Woodland of Acacia citrinoviridis and Acacia sp. Mulga Paraburdoo (B.R. Maslin et al. BRM 9201) over High Shrubland of Acacia cuthbertsonii, Acacia tetragonophylla and Acacia sclerosperma over over Open Tussock Grassland of *Cenchrus ciliaris and *Cenchrus setiger over Open Herbs of Trichodesma zeylanicum, Boerhavia coccinea, Pterocaulon sphacelatum and Crotalaria medicaginea on brown loamy sand on medium drainage lines | SA-18, SA-28, SA-29, SA-14, SA-16, SA-23 | Good | 22.43 | 3.45 |
| HS EppSah AkAp | High Open Shrubland of Acacia kempeana, Acacia synchronicia and Acacia tetragonophylla over Shrubland of Eremophila fraseri, Eremophila phyllopoda subsp. phyllopoda and Senna glutinosa subsp. x luerssenii over Low Open Shrubland of Senna artemisioides subsp. helmsii (Eremophila exilifolia, Ptilotus obovatus) over Very Open Bunch Grassland of Aristida contorta on brown sandy loam on rocky hillslopes | SA-07, SA-10, SA-12, SA-17 | Very Good | 33.90 | 4.99 |
| MI A94 | Open Scrub of Acacia kempeana, Acacia cuthbertsonii and Acacia tetragonophylla (Acacia synchronicia) with Low Open Woodland of Acacia macraneura over Open Shrubland of Eremophila fraseri over Low Open Shrubland of Eremophila cuneifolia, Senna artemisioides subsp. helmsii and Ptilotus obovatus over Very Open Bunch Grassland of Aristida contorta on red brown sandy loam on minor drainage lines | SA-19, SA-20, SA-30, SA-32 | Very Good to Good | 10.72 | 1.58 |
| SP AkAsyAcAt | High Open Shrubland of Acacia kempeana (Acacia tetragonophylla, Acacia synchronicia) over Open Shrubland of Eremophila fraseri over Low Open Shrubland of Senna artemisioides subsp. helmsii (Eremophila exilifolia, Ptilotus obovatus) on brown sandy loam on hillslopes and stony plains | SA-05, SA-24, SA-27, SA31 | Excellent to Good | 50.42 | 7.42 |
| FP AsAcAx | Low Open Woodland of Acacia citrinoviridus over High Open Shrubland of Acacia cuthbertsonii, Acacia tetragonphylla and Acacia synchronicia (Acacia subtessarogona) over Open Shrubland of Senna artemisioides subsp. helmsii and Eremophila phyllopoda subsp. phyllopoda over Low Open Shrubland of Ptilotus obovatus over Very Open Tussock Grassland of *Cenchrus ciliaris, Aristida contorta and Paspalidium clementii on orange sandy loam on floodplains | SOM-03 | Very Good | 0.24 | 0.04 |
| GP Mh | Herbs of Marsilea hirsuta, Marsilea costulifera, Ptilotus gomphrenoides, Ptilotus fusiformis, Alternanthera nodiflora and Centipeda minima subsp. macrocephala with High Open Shrubland of Acacia synchronicia and Acacia tetragonophylla and Open Tussock Grassland of Eriachne benthamii and Eragrostis xerophila on brown light to medium clay on gilgain depressions and stony plains | SOM-08, SOM-14, SOM-15, SOM-16, SOM-37, SOM-38, SOM-42 | Very Good | 12.35 | 1.82 |

| Code | Vegetation Description | Quadrats | Vegetation Condition | Area (ha) | % of Study Area |
|---|---|---|---|---|---|
| GR AkAtAc | High Open Shrubland of Acacia kempeana, Grevillea berryana and Psydrax latifolia (Acacia tetragonophylla) over Open Shrubland of Eremophila phyllopoda subsp. phyllopoda and Eremophila latrobei subsp. latrobei (Senna glutinosa subsp. x luersennii) over Low Open Shrubland of Ptilotus obovatus and Tribulus suberosus over Very Open Tussock Grassland of Paspalidium clementii and Aristida contorta over Very Open Herbs of Trachymene pilbarensis, Trichodesma zeylanicum and Lepidium oxytrichum on red brown silty loam on granite hills (domes, crests and upper slopes) | SOM-01, SOM-33, SOM-34 | Very Good | 9.26 | 1.36 |
| SP EfrEc Sao HpAsy | High Open Shrubland of Hakea preissii (Acacia xiphophylla) over Open Shrubland of Senna glutinosa subsp. x luerssenii over Low Open Shrubland of Eremophila cuneifolia (Senna artemisioides subsp. oligophylla) on red silty loam on orange clay loam on stony plains | SOM-09, SOM-10, SOM-12 | Very Good | 53.79 | 7.92 |
| GR EeAc | Open Shrubland of Acacia curryana (Eremophila exilifolia) over Very Open Tussock Grassland of Aristida contorta on red silty/sandy loam on granitic stony plains | SOM-19, SOM-39, SOM-40, SOM-43 | Very Good | 9.03 | 1.33 |
| Road | | | Completely Degraded | 1.36 | 0.20 |
| Mine | | | Completely Degraded | 6.43 | 0.95 |
| Disturbed | | | Completely Degraded | 8.28 | 1.22 |




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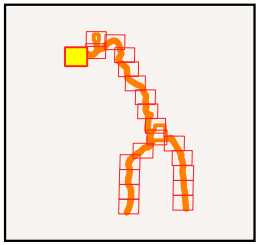
## Figure 9: Vegetation types within the study area

### Legend

- Study Area

Vegetation Types

- CP AxAmAsy Ec LdEs
- HS EppSah AkAp
- ME AcAsAk
- MI AcAa AmAccAk Cm
- SP AkAsyAcAt
- SP Ax
- SP GbAap Epp
- Disturbed



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# DREADNOUGHT RESOURCES STAR OF MANGAROON PROJECT

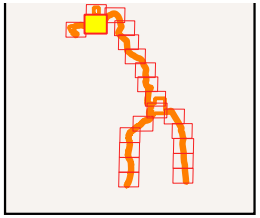
## Figure 9: Vegetation types within the study area

### Legend

- Study Area

Vegetation Types

- CP AxAmAsy Ec LdEs
- FP AkAcuAt Eff
- GR AkAtAc
- HS EppSah AkAp
- MI AcAa AmAccAk Cm
- SP AkAsyAcAt
- SP Ax
- SP GbAap Epp
- SP HpAcc Ec

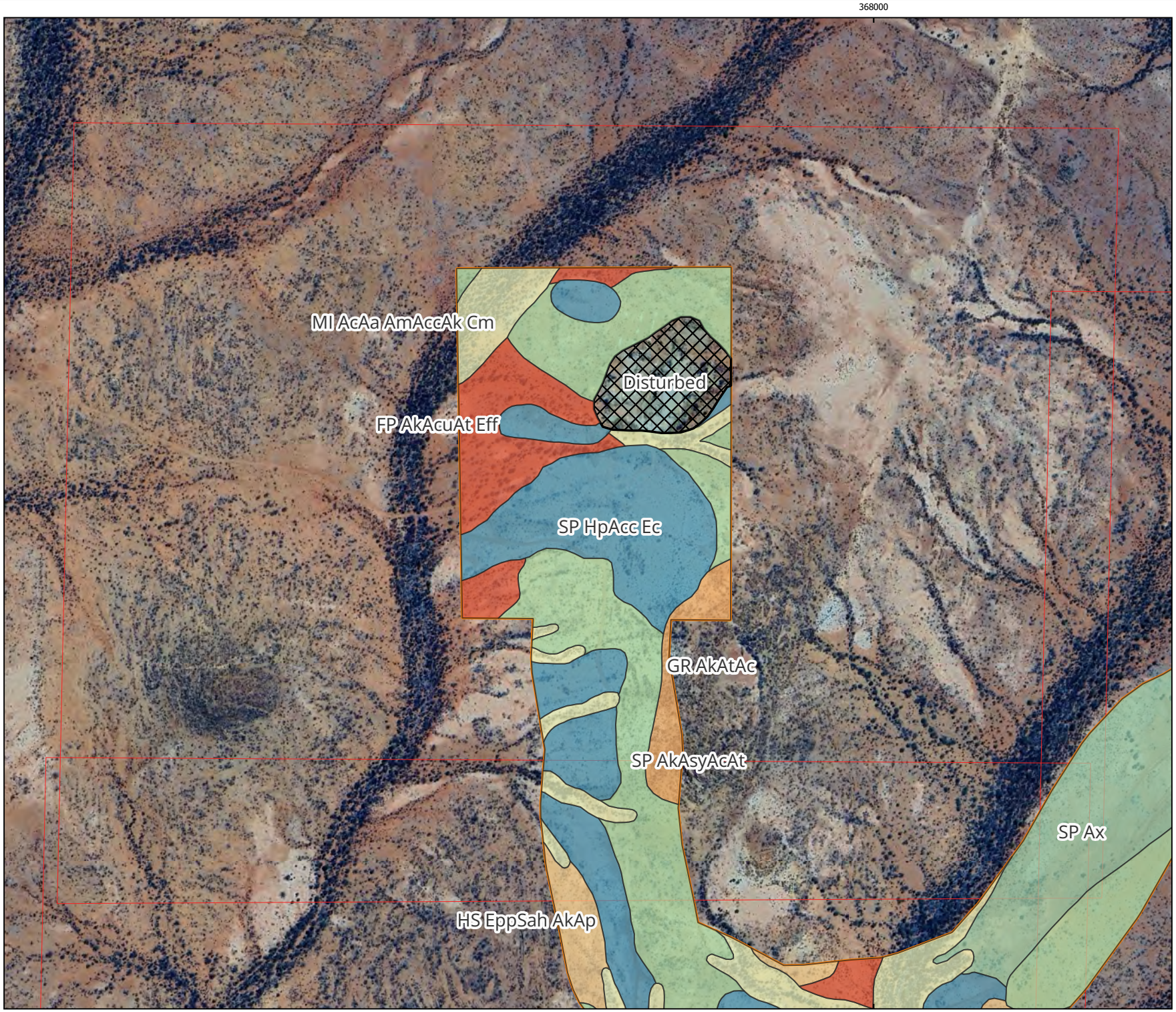


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Datum: GDA 2020
Projection: MGA Zone 50




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# DREADNOUGHT RESOURCES STAR OF MANGAROON PROJECT

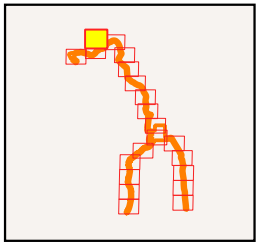
## Figure 9: Vegetation types within the study area

### Legend

- Study Area

Vegetation Types

- FP AkAcuAt Eff
- GR AkAtAc
- HS EppSah AkAp
- MI AcAa AmAccAk Cm
- SP AkAsyAcAt
- SP Ax
- SP HpAcc Ec
- Disturbed

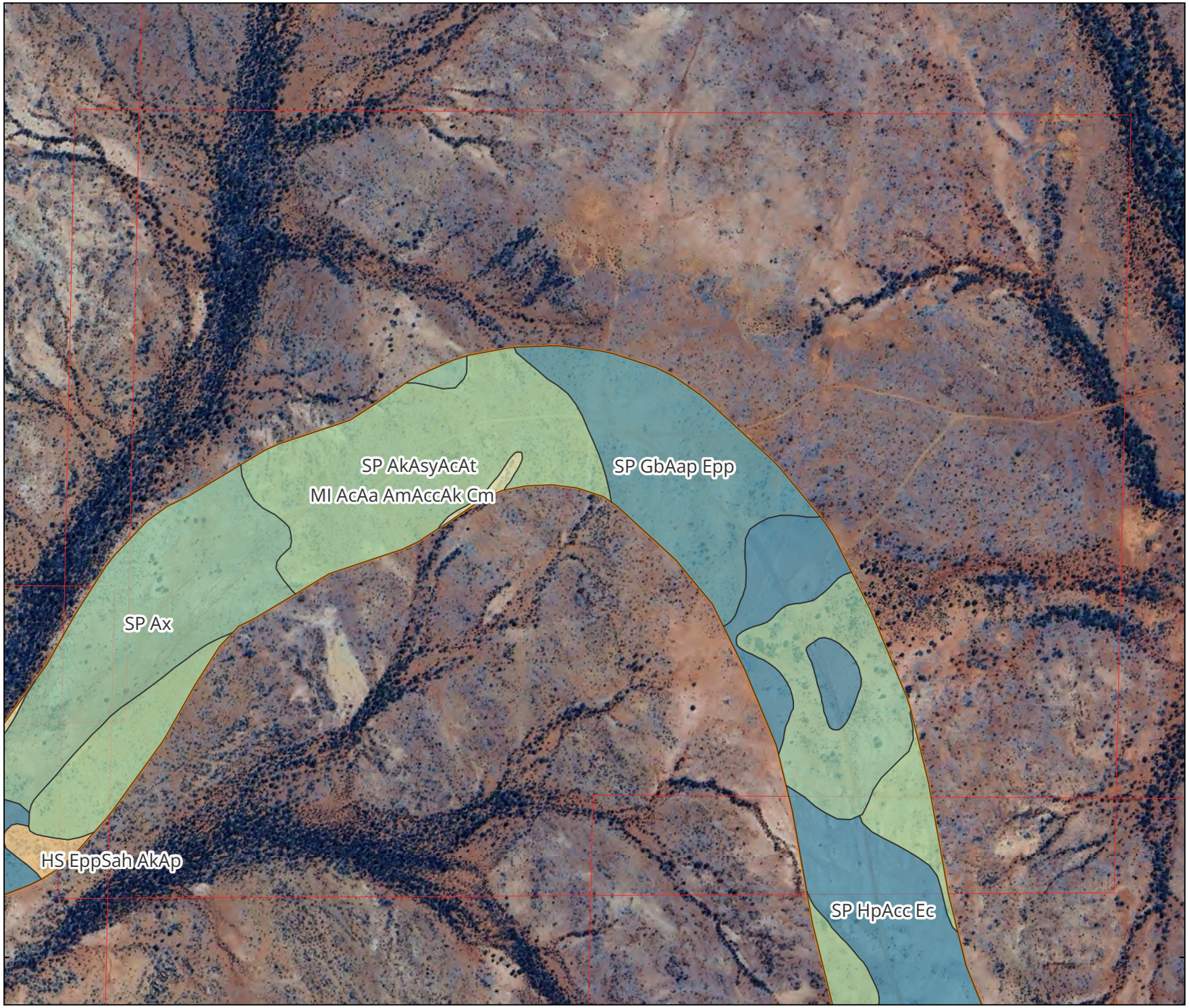


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| File Reference: | DR_SOM_Fig5_quadrats |

Datum: GDA 2020
Projection: MGA Zone 50




ONSHORE ENVIRONMENTAL

# DREADNOUGHT RESOURCES STAR OF MANGAROON PROJECT

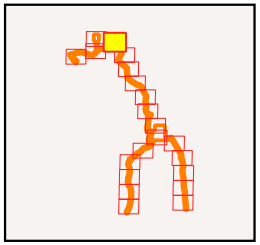
## Figure 9: Vegetation types within the study area

### Legend

- Study Area

Vegetation Types

- HS EppSah AkAp
- MI AcAa AmAccAk Cm
- SP AkAsyAcAt
- SP Ax
- SP GbAap Epp
- SP HpAcc Ec

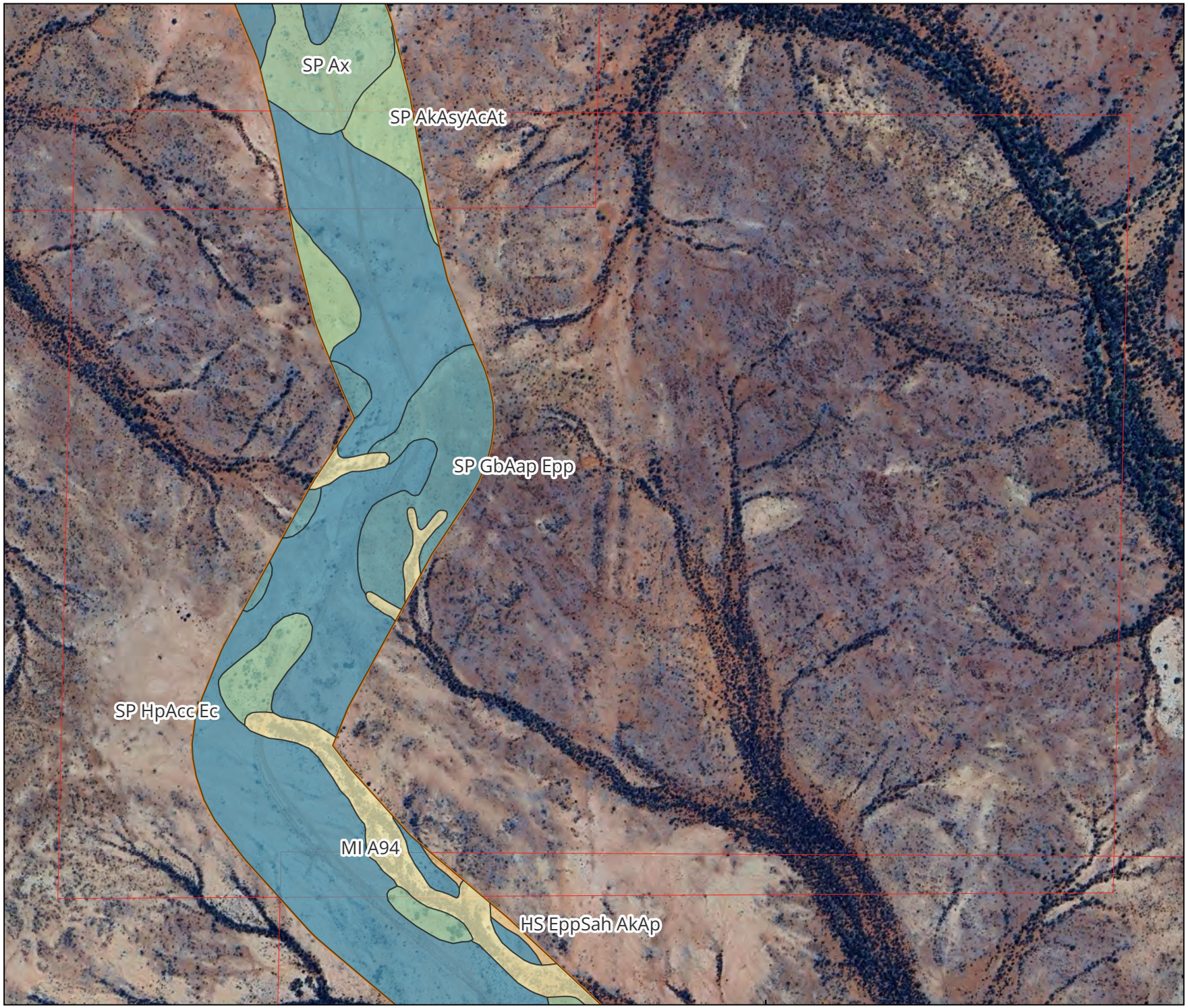


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Datum: GDA 2020
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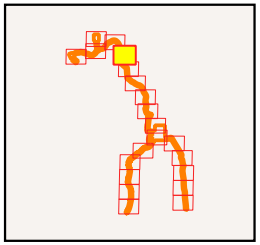
## Figure 9: Vegetation types within the study area

**Legend**

- Study Area

Vegetation Types

- HS EppSah AkAp
- MI A94
- SP AkAsyAcAt
- SP Ax
- SP GbAap Epp
- SP HpAcc Ec

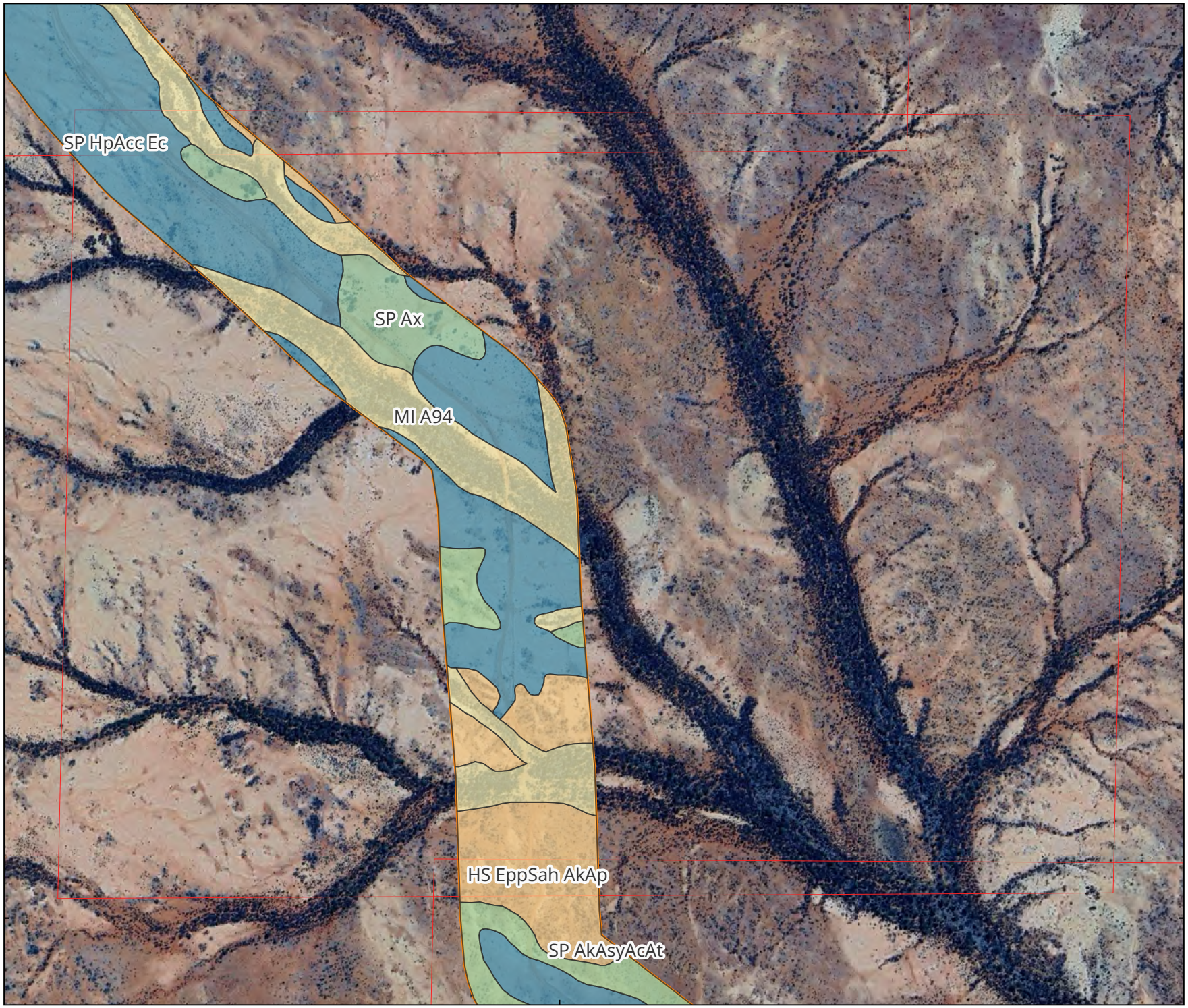


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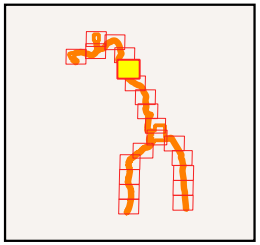
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**Legend**

- Study Area

Vegetation Types

- HS EppSah AkAp
- MI A94
- SP AkAsyAcAt
- SP Ax
- SP HpAcc Ec

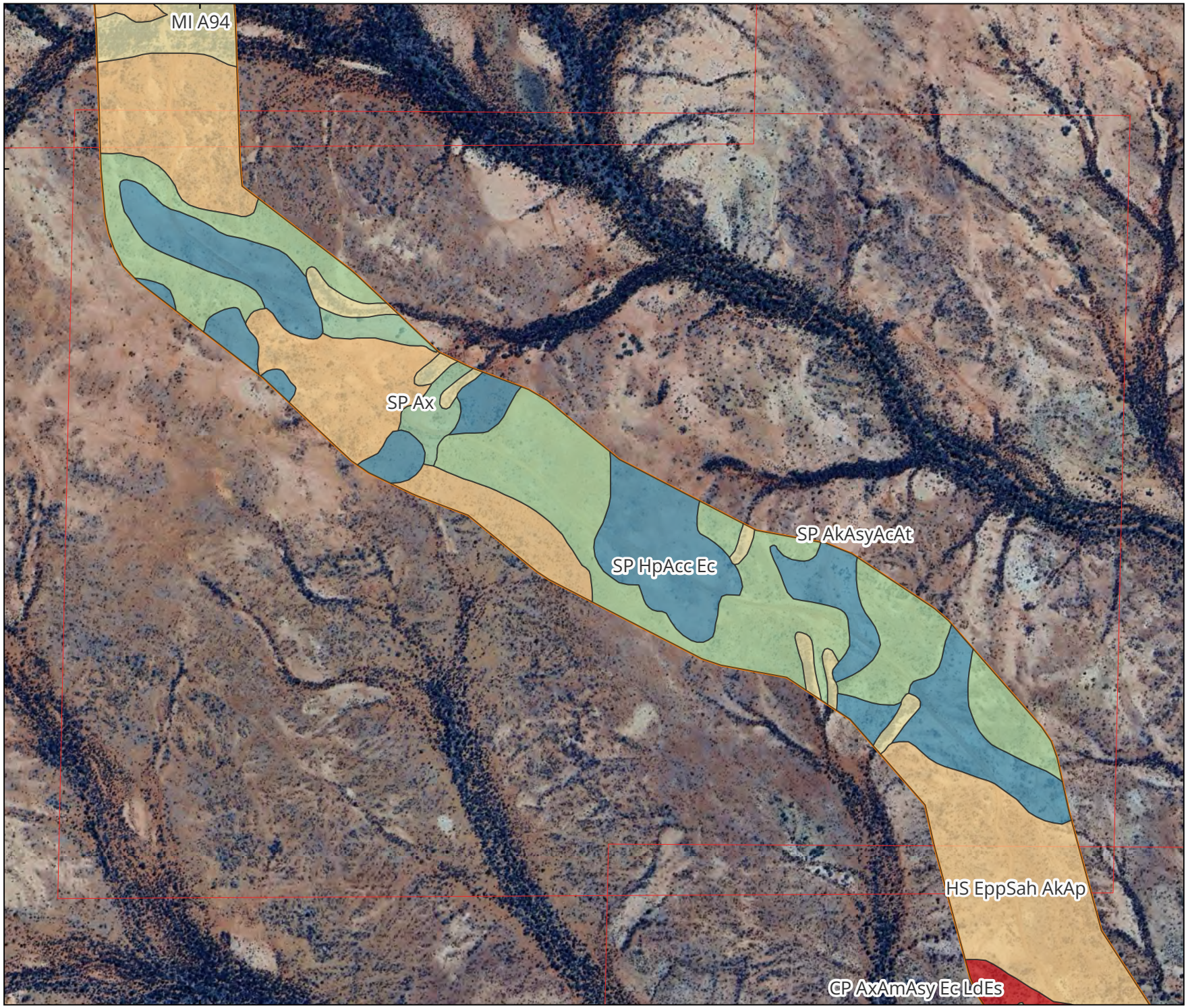


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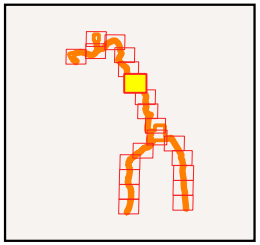
## Figure 9: Vegetation types within the study area

### Legend

- Study Area

Vegetation Types

- CP AxAmAsy Ec LdEs
- HS EppSah AkAp
- MI A94
- SP AkAsyAcAt
- SP Ax
- SP HpAcc Ec

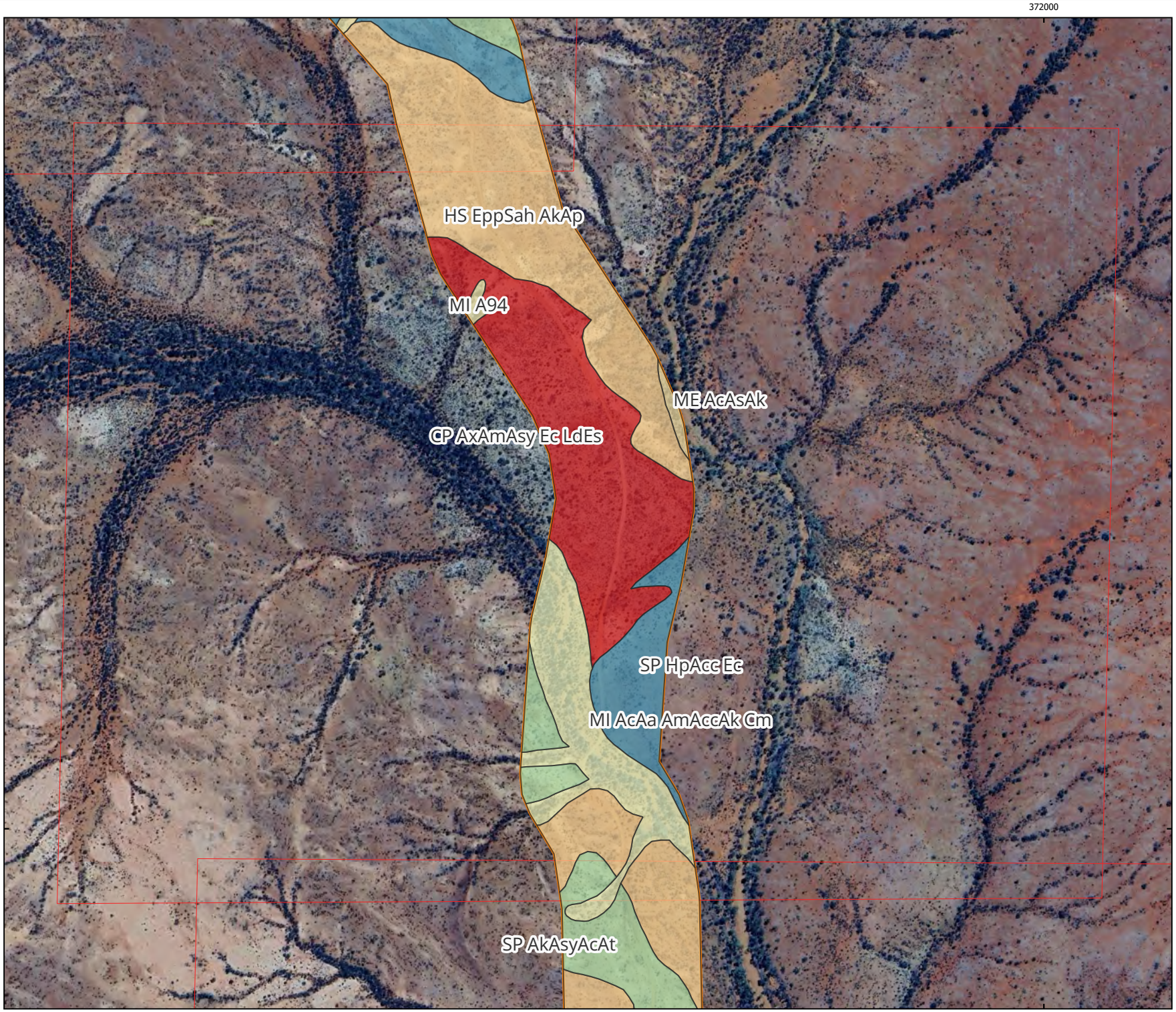


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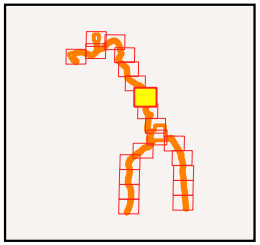
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**Legend**

- Study Area

Vegetation Types

- CP AxAmAsy Ec LdEs
- HS EppSah AkAp
- ME AcAsAk
- MI A94
- MI AcAa AmAccAk Cm
- SP AkAsyAcAt
- SP HpAcc Ec

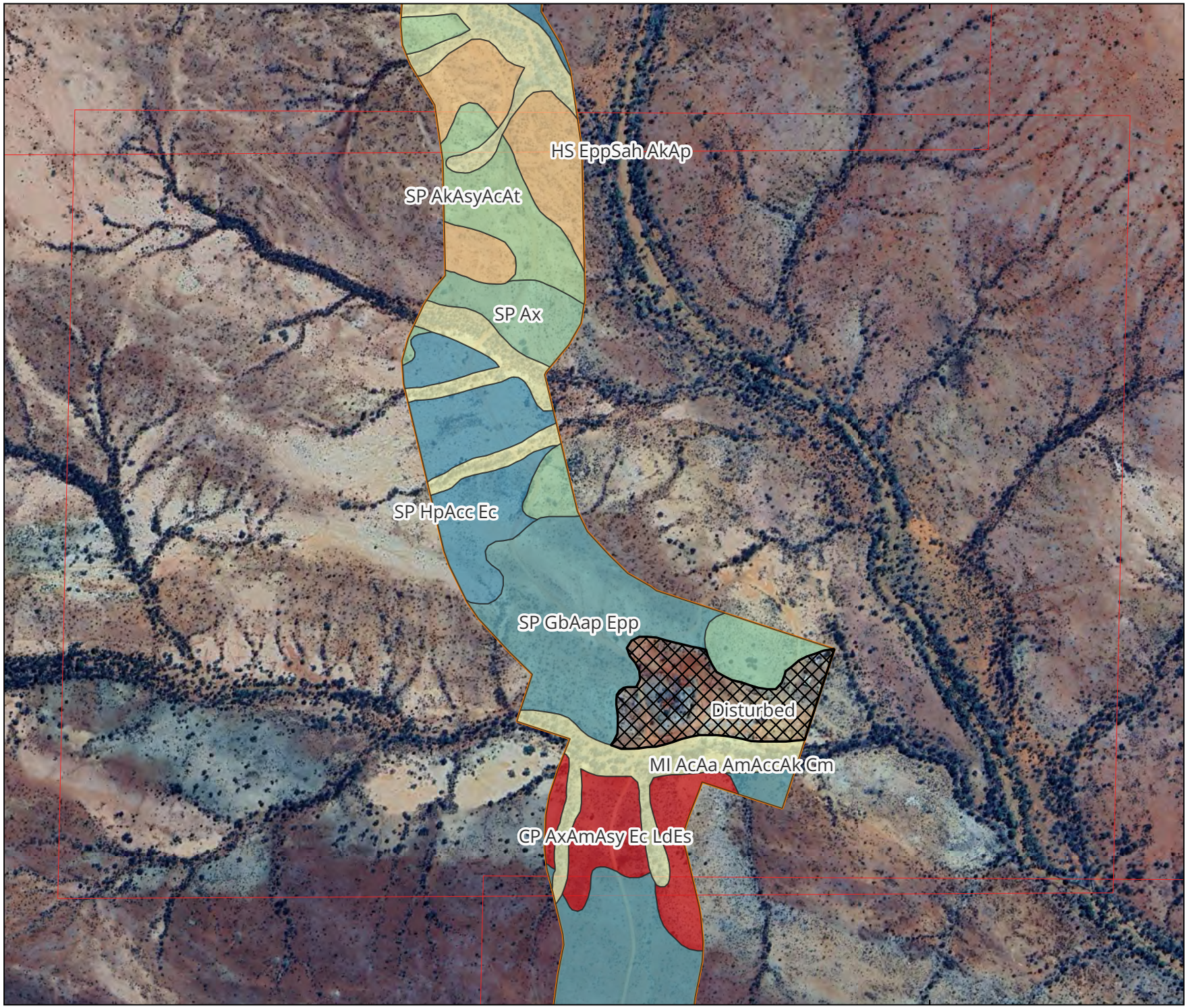


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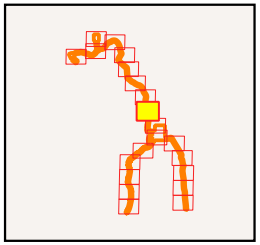
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**Legend**

- Study Area

Vegetation Types

- CP AxAmAsy Ec LdEs
- HS EppSah AkAp
- MI AcAa AmAccAk Cm
- SP AkAsyAcAt
- SP Ax
- SP GbAap Epp
- SP HpAcc Ec
- Disturbed



0 100 200 m

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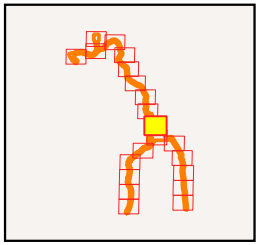
## Figure 9: Vegetation types within the study area

**Legend**

- Study Area

Vegetation Types

- CP AxAmAsy Ec LdEs
- FP AsAcAx
- GR AkAtAc
- MI AcAa AmAccAk Cm
- MI AsAa
- SP Ax
- SP GbAap Epp
- Mine



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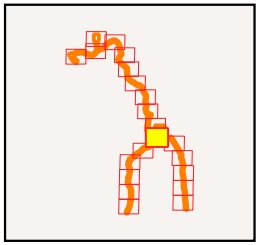
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### Legend

- Study Area

Vegetation Types

- CP AxAmAsy Ec LdEs
- GR AkAtAc
- ME AcAsAk
- MI AsAa
- SP Ax
- SP GbAap Epp
- Mine

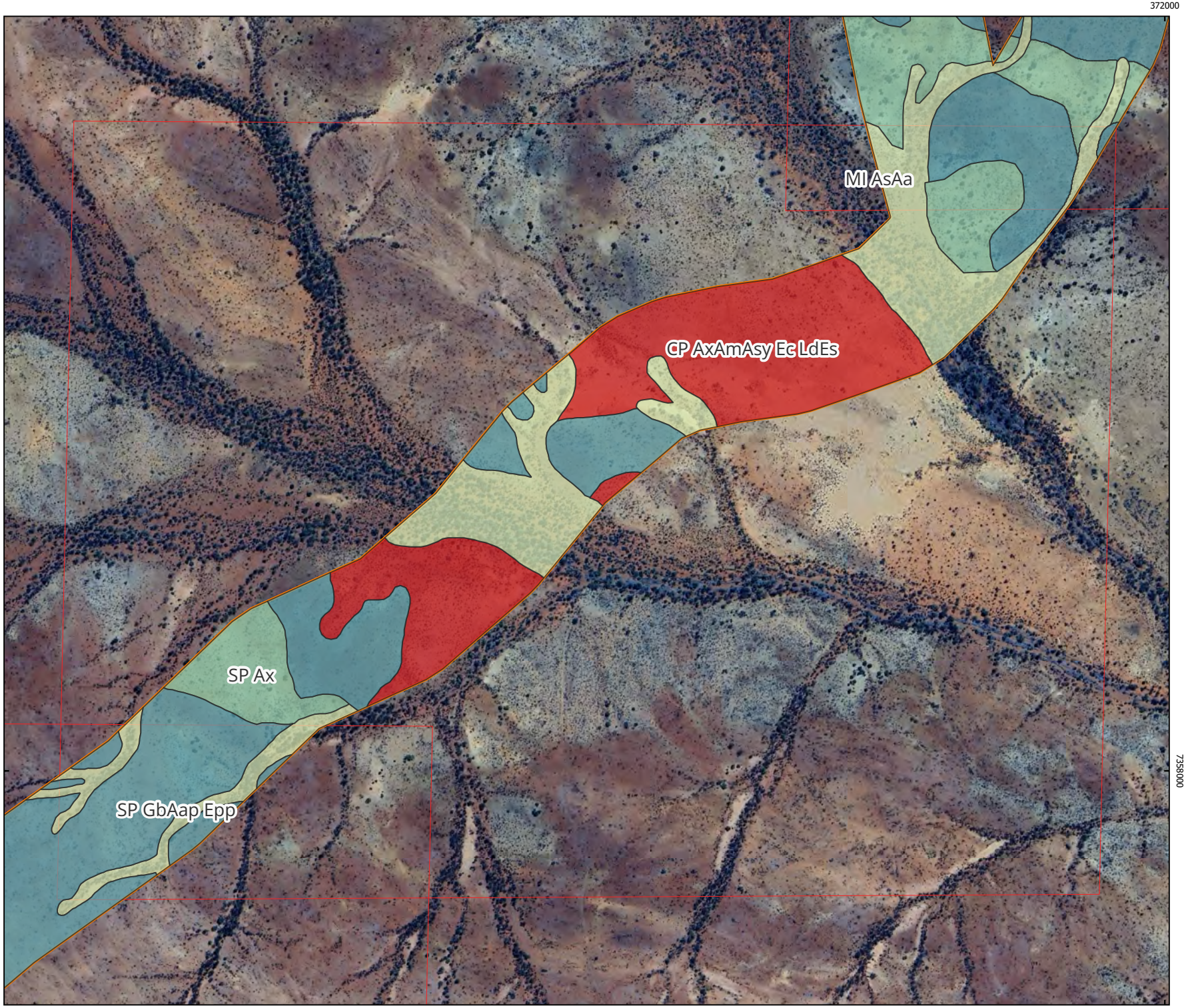


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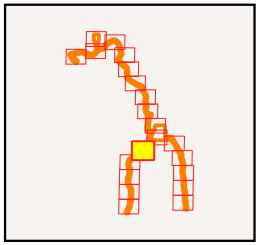
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### Legend

Study Area

Vegetation Types

- CP AxAmAsy Ec LdEs
- MI AsAa
- SP Ax
- SP GbAap Epp

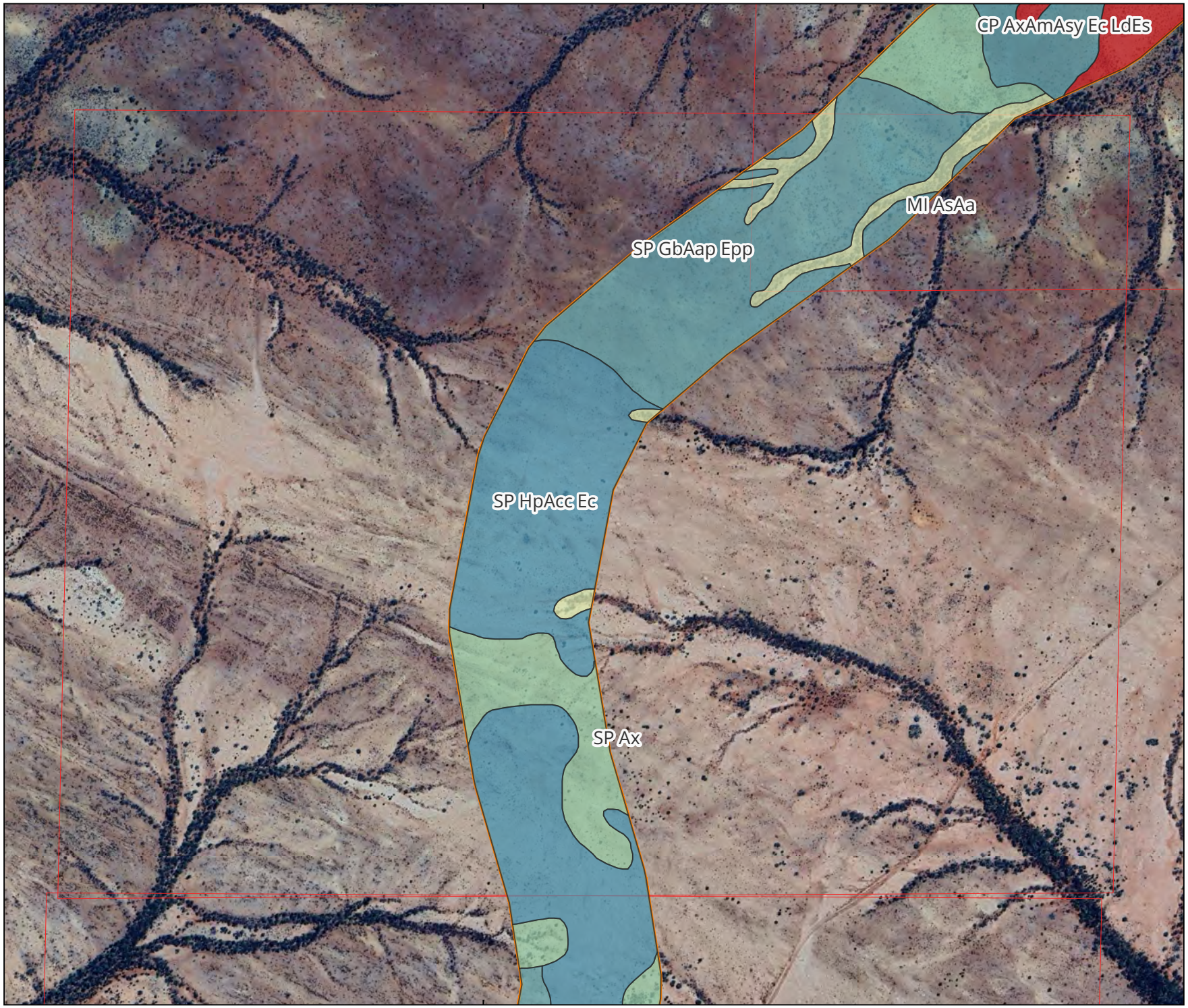


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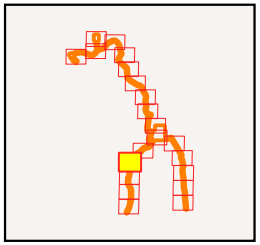
## Figure 9: Vegetation types within the study area

**Legend**

- Study Area

Vegetation Types

- CP AxAmAsy Ec LdEs
- MI AsAa
- SP Ax
- SP GbAap Epp
- SP HpAcc Ec

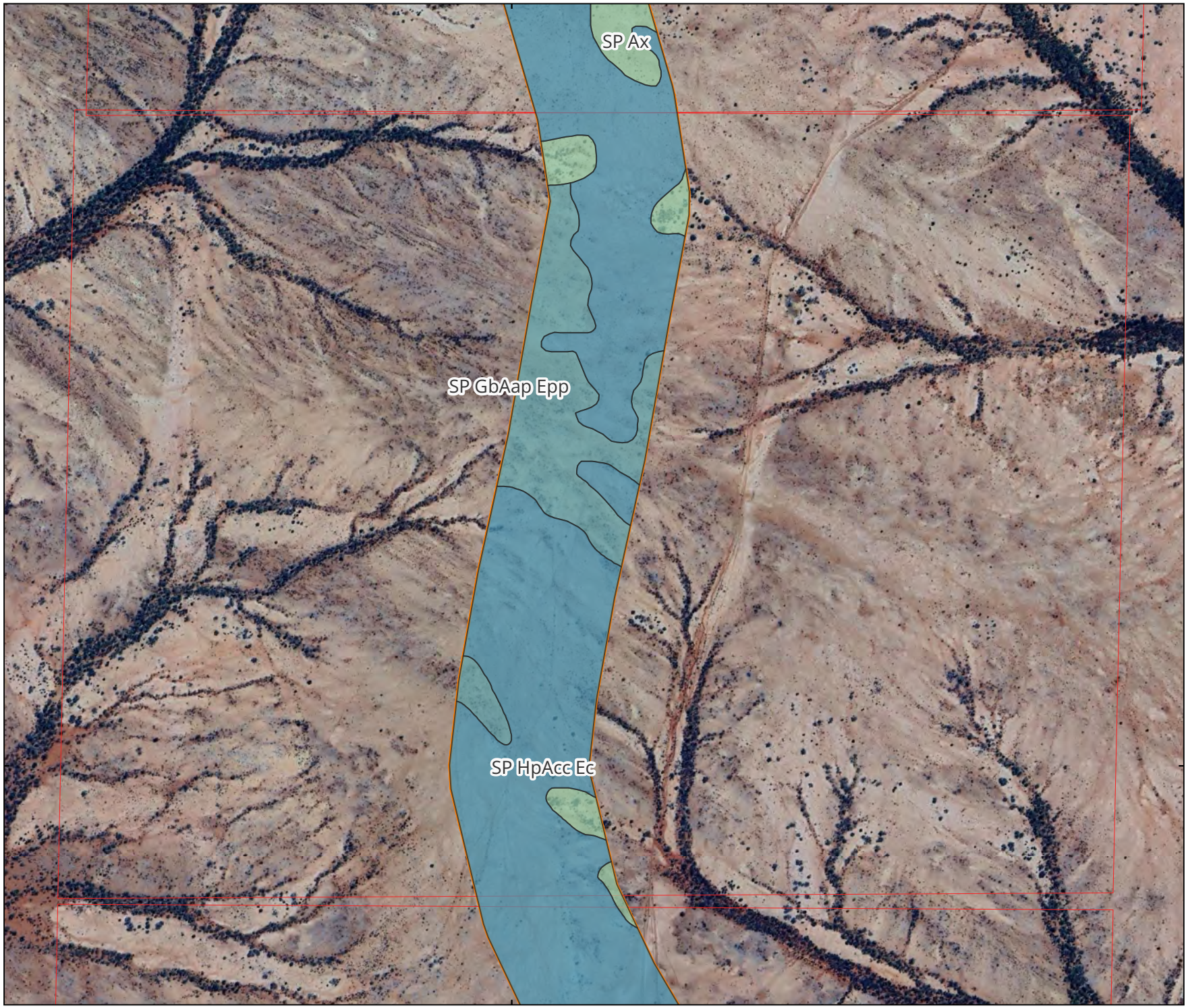


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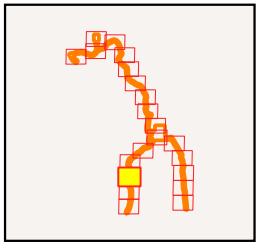
## Figure 9: Vegetation types within the study area

**Legend**

- Study Area

Vegetation Types

- SP Ax
- SP GbAap Epp
- SP HpAcc Ec



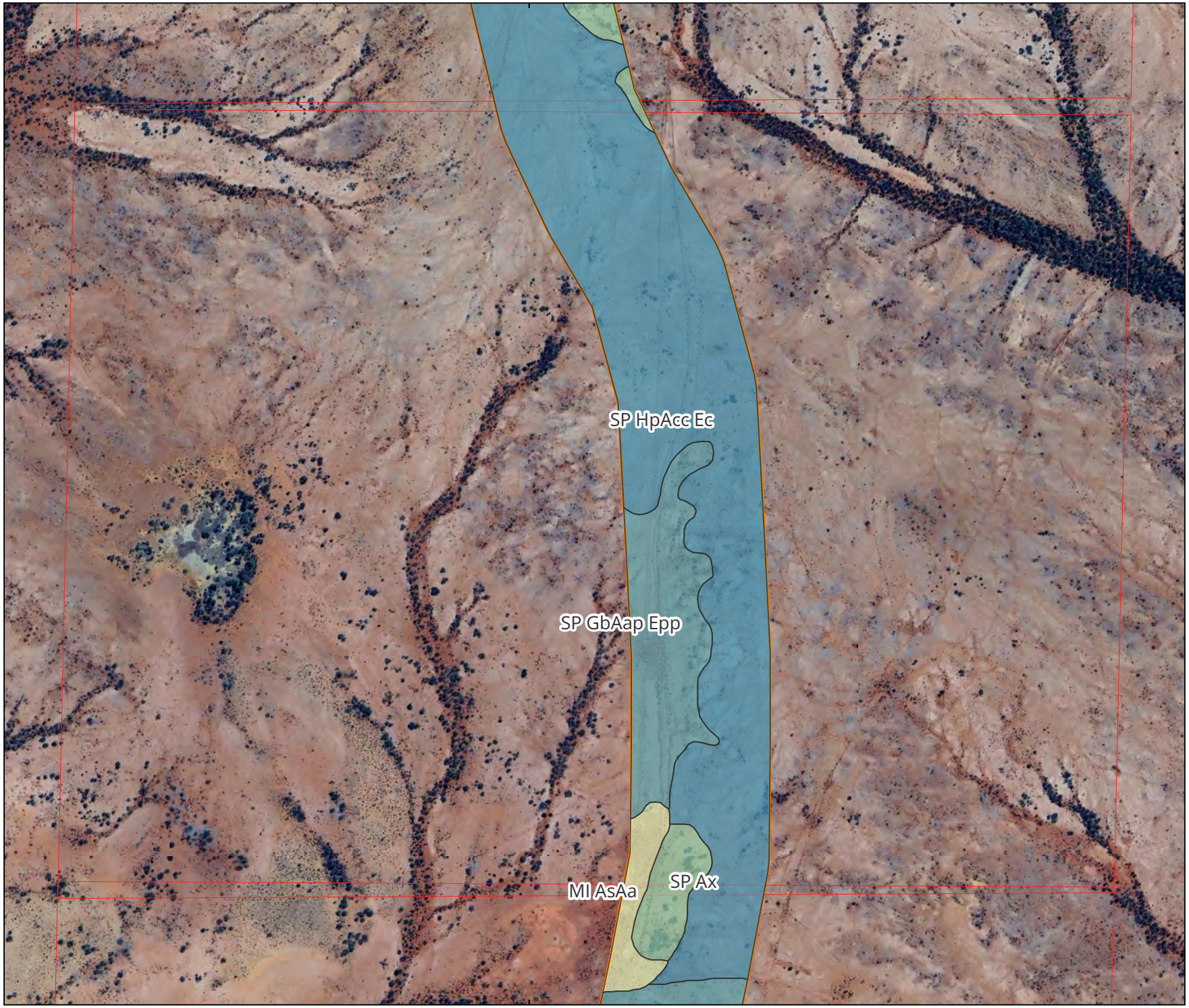
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Projection: MGA Zone 50

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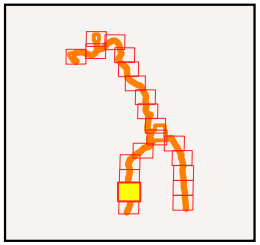
## Figure 9: Vegetation types within the study area

**Legend**

- Study Area

Vegetation Types

- MI AsAa
- SP Ax
- SP GbAap Epp
- SP HpAcc Ec

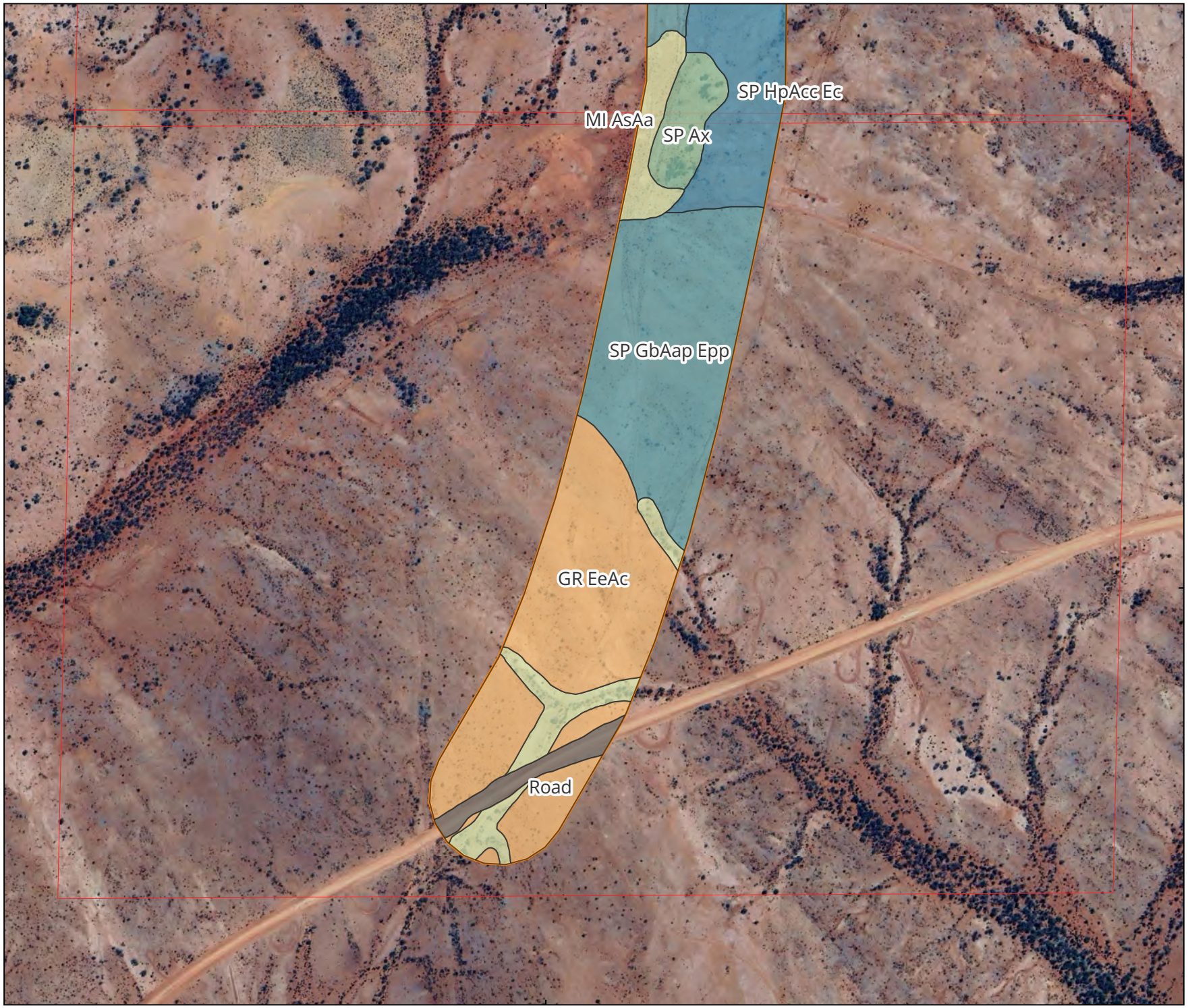


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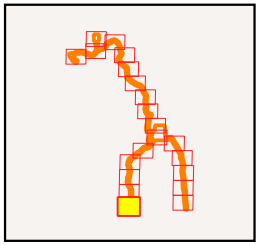
## Figure 9: Vegetation types within the study area

**Legend**

- Study Area

Vegetation Types

- GR EeAc
- MI AsAa
- SP Ax
- SP GbAap Epp
- SP HpAcc Ec
- Road

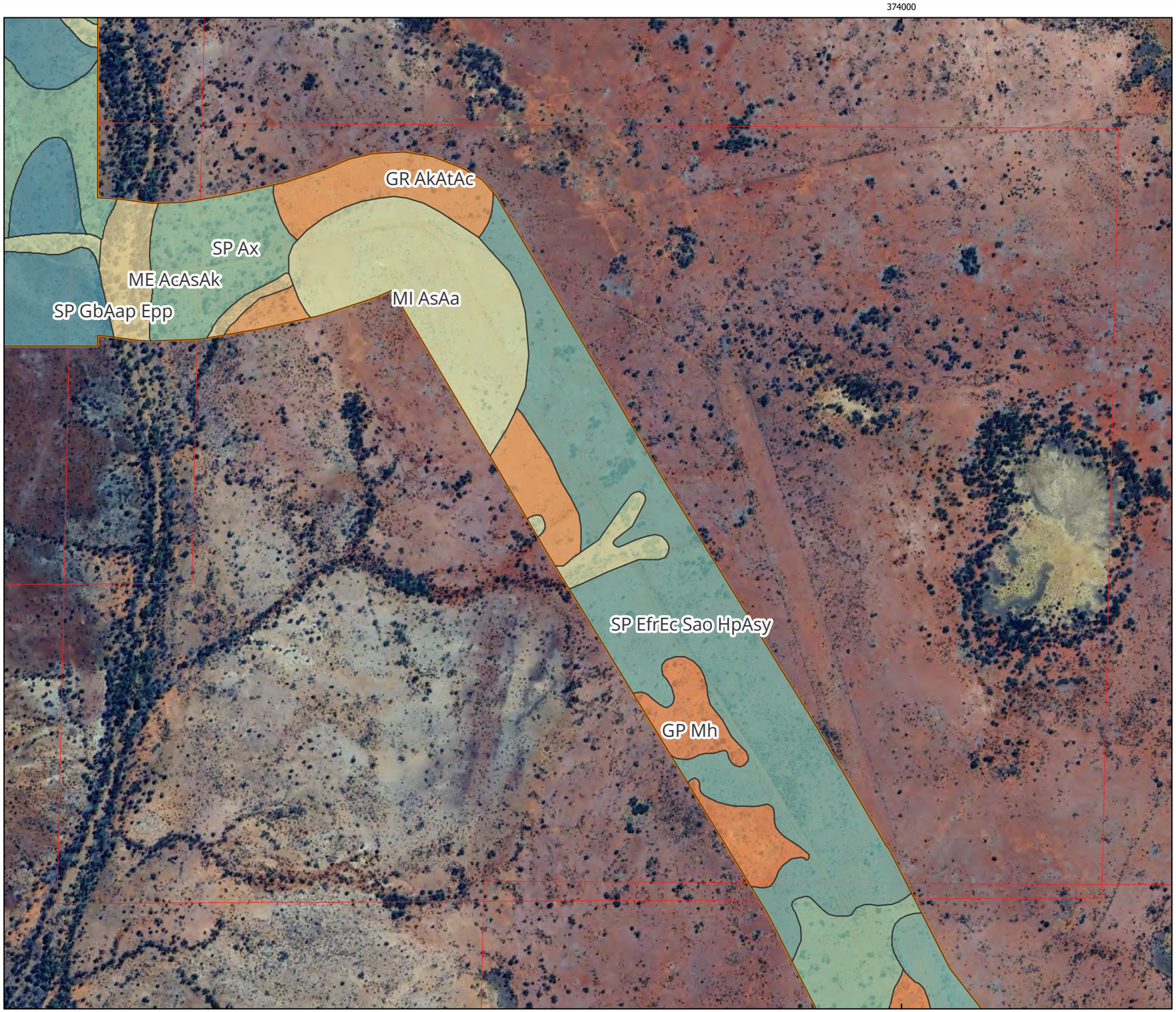


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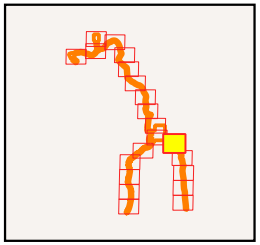
## Figure 9: Vegetation types within the study area

**Legend**

- Study Area

Vegetation Types

- GP Mh
- GR AkAtAc
- ME AcAsAk
- MI AsAa
- SP Ax
- SP EfrEc Sao HpAsy
- SP GbAap Epp

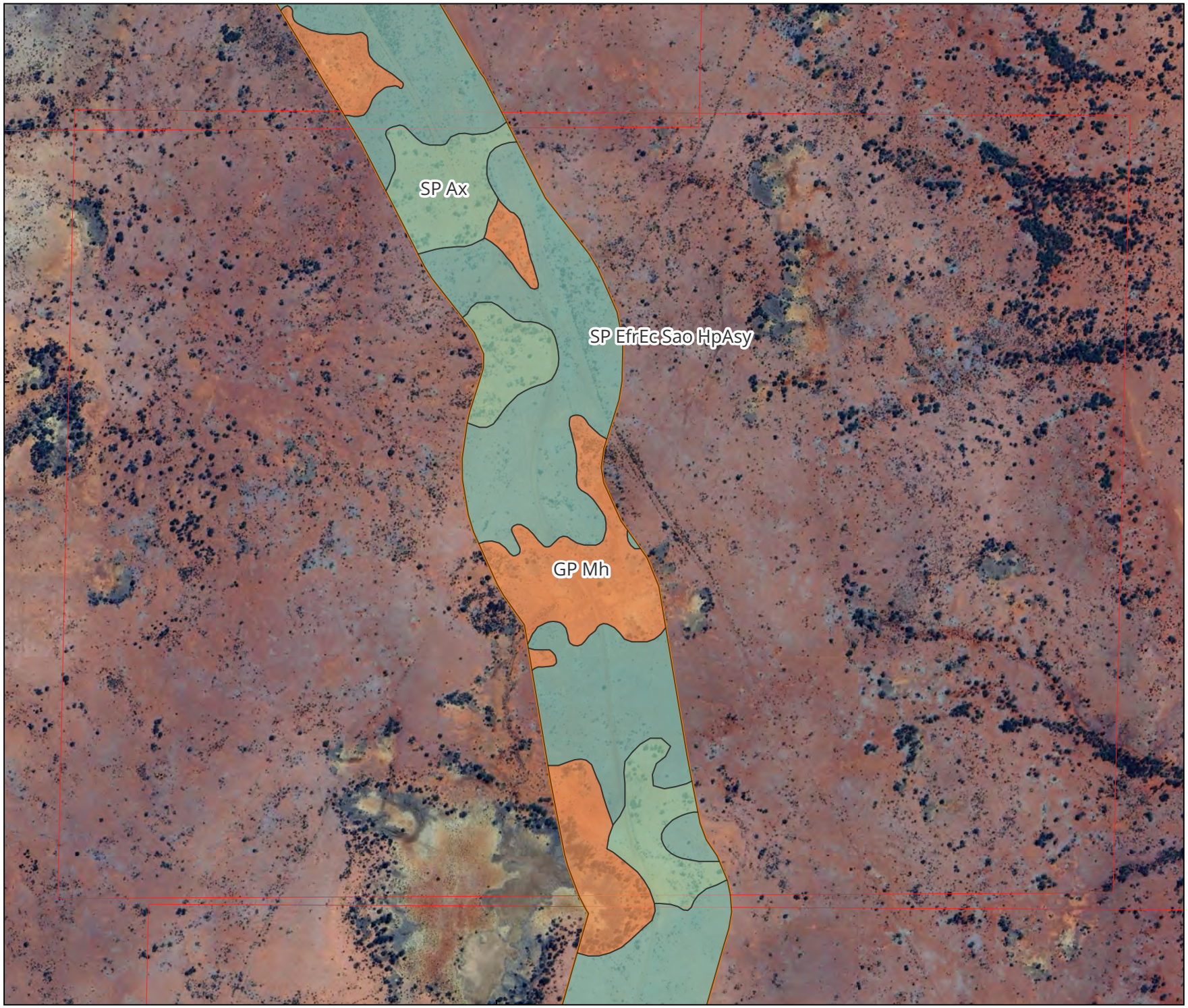


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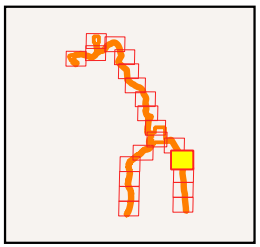
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**Legend**

- Study Area

Vegetation Types

- GP Mh
- SP Ax
- SP EfrEc Sao HpAsy

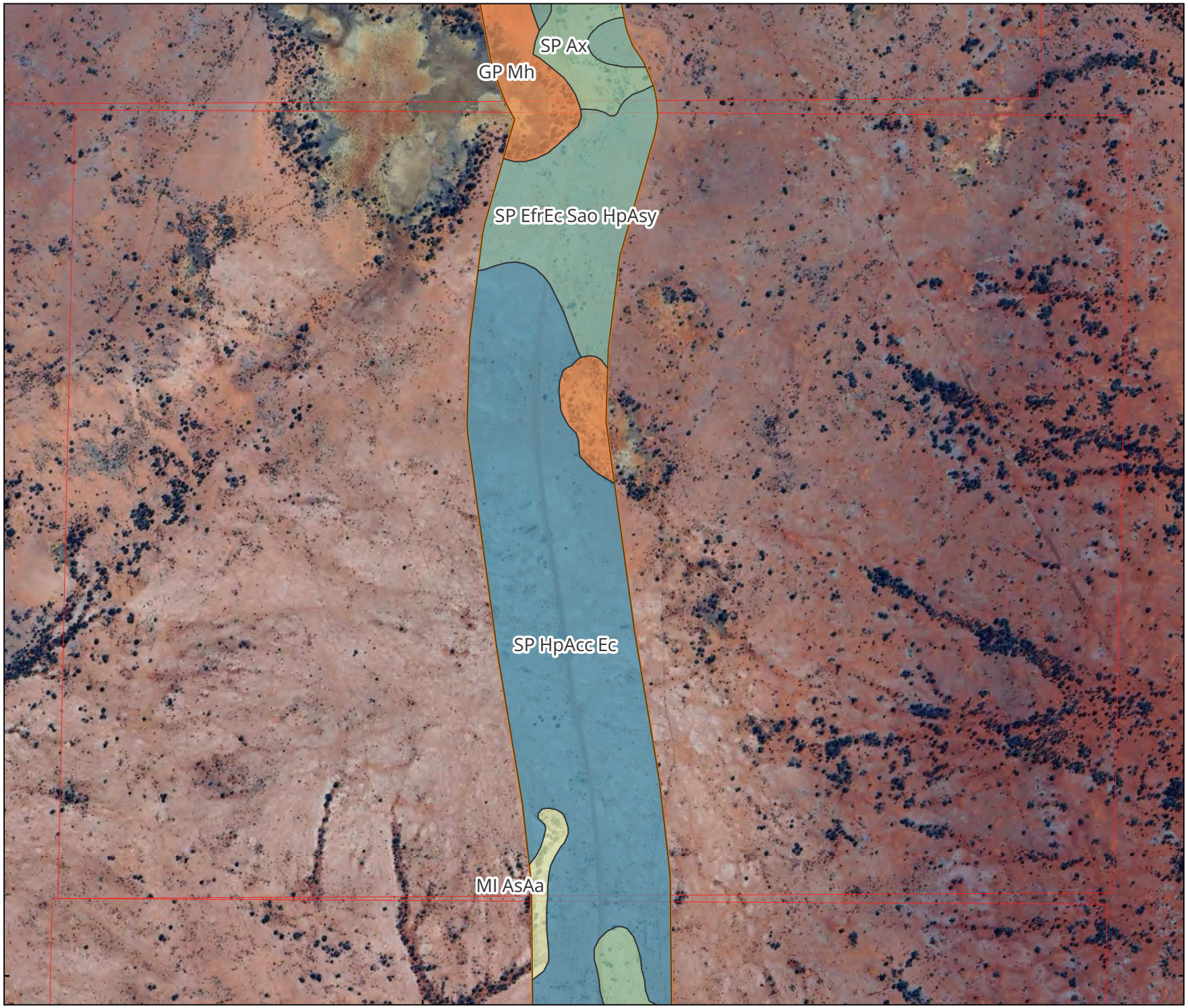


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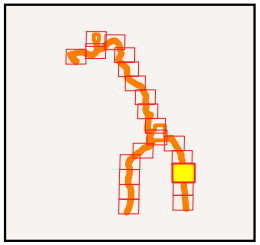
## Figure 9: Vegetation types within the study area

**Legend**

- Study Area

Vegetation Types

- GP Mh
- MI AsAa
- SP Ax
- SP EfrEc Sao HpAsy
- SP HpAcc Ec

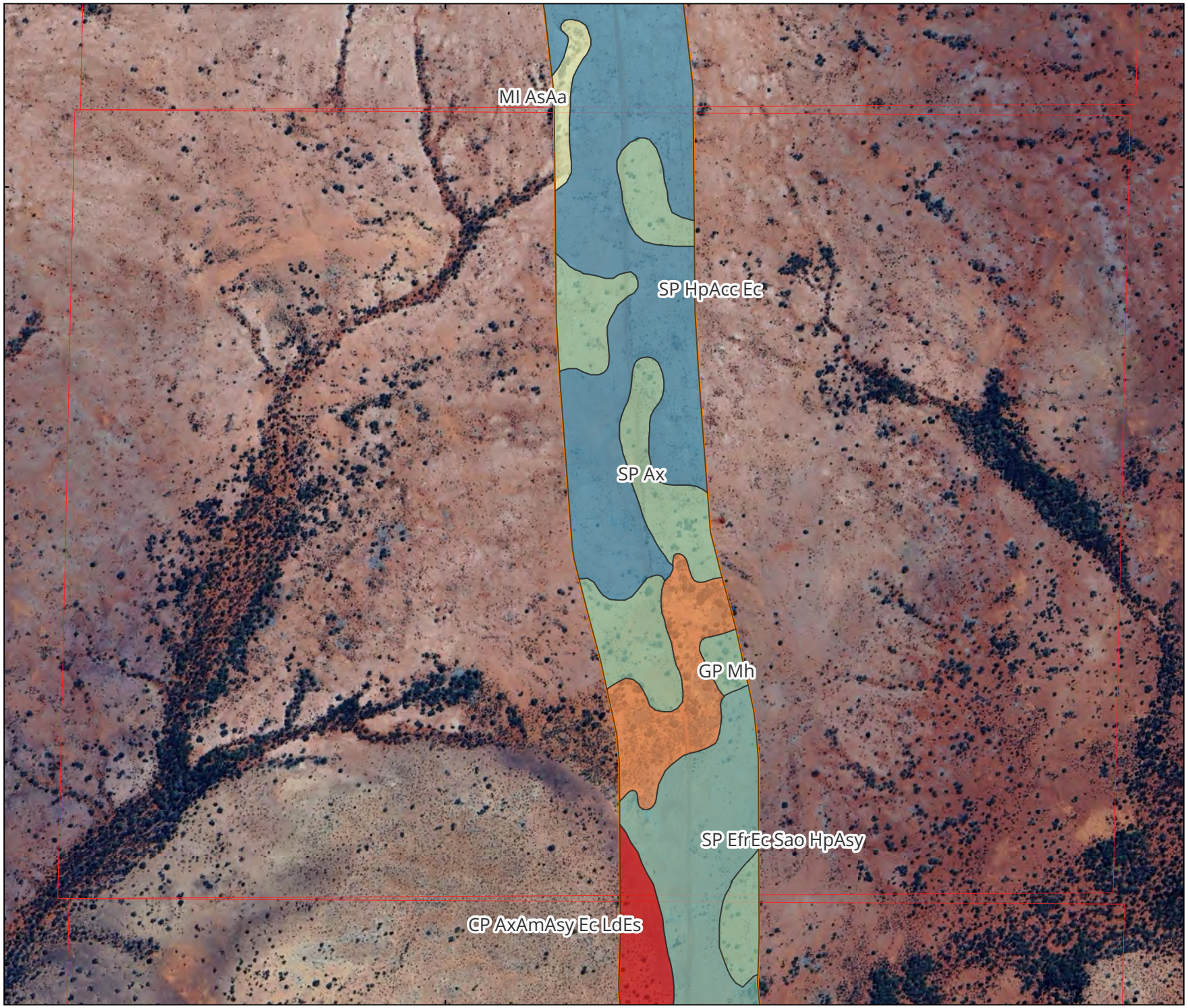


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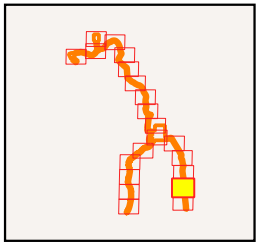
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**Legend**

- Study Area

Vegetation Types

- CP AxAmAsy Ec LdEs
- GP Mh
- MI AsAa
- SP Ax
- SP EfrEc Sao HpAsy
- SP HpAcc Ec

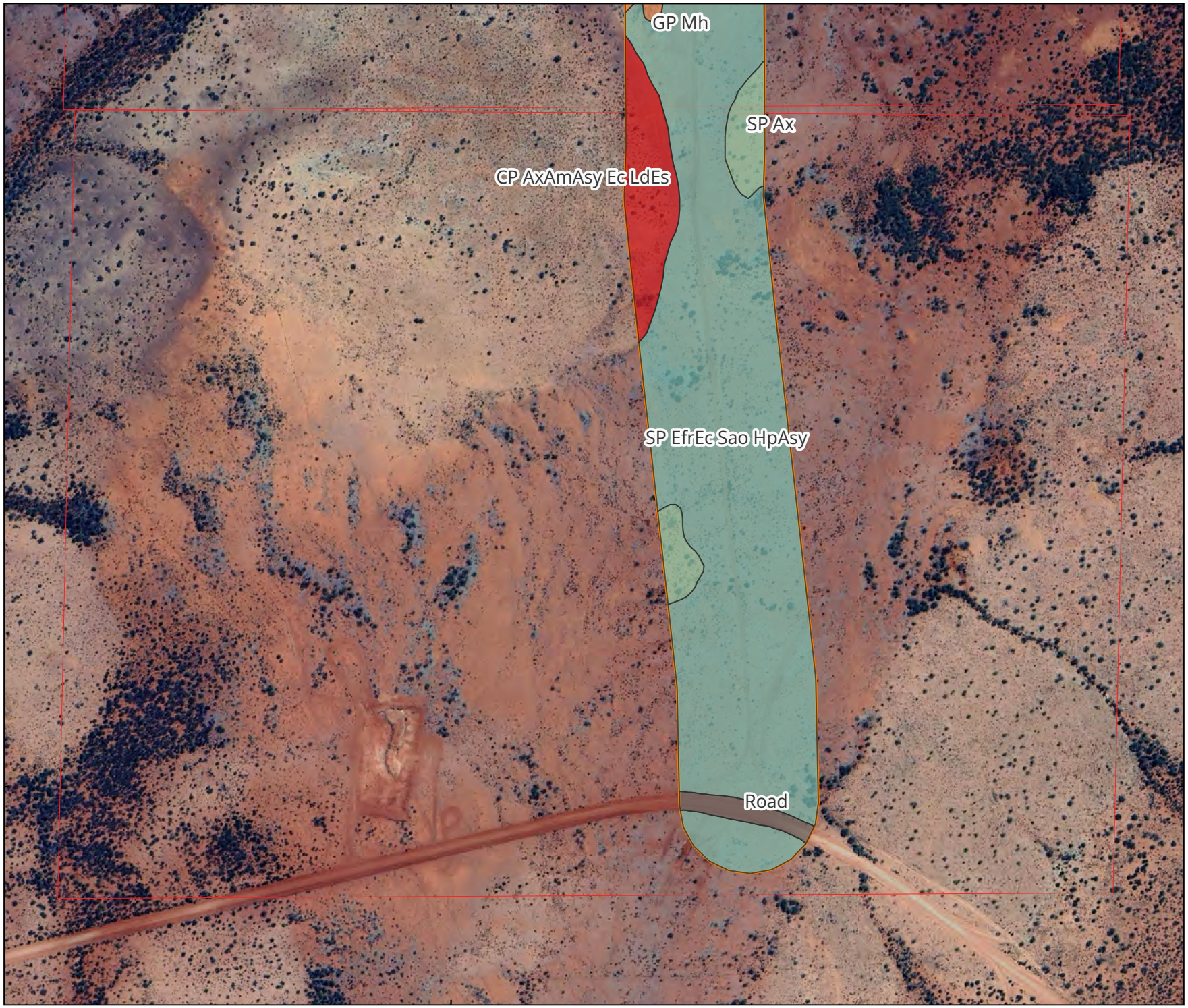


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ONSHORE ENVIRONMENTAL

# DREADNOUGHT RESOURCES STAR OF MANGAROON PROJECT

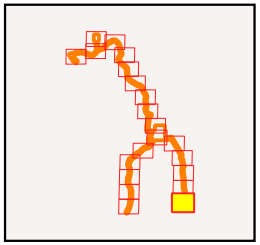
## Figure 9: Vegetation types within the study area

### Legend

- Study Area

Vegetation Types

- CP AxAmAsy Ec LdEs
- GP Mh
- SP Ax
- SP EfrEc Sao HpAsy
- Road



0 100 200 m

1:7,345

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| | |
|---|---|
| Code | MI AsAa |
| Broad Floristic Formation | Acacia Low Woodland |
| Vegetation Type | Low Woodland of Acacia subtessarogona over High Shrubland of Acacia cuthbertsonii (Acacia sclerosperma subsp. sclerosperma, Acacia tetragonophylla) over Open Shrubland of Scaevola spinescens, Senna glutinosa subsp. x luerssenii and Senna artemisioides subsp. helmsii over Open Tussock Grassland of *Cenchrus ciliaris and *Cenchrus setiger (Digitaria brownii) on red orange loamy sand on minor and medium drainage lines |



| | |
|---|---|
| Quadrats | SA-01, SOM-06, SOM-20, SOM-25, SOM-28, SOM-30, SOM-32 |
| Area (ha) | 34.88 ha or 5.1% of the study area |
| Soils and Geology | Red/orange silty/clayey/loamy sand, limited granite and gneiss/quartz outcropping |
| Land Form | Low minor to medium drainage line |
| TEC / PEC | No |
| Conservation Significant Flora | *Acacia curryana* (P1), *Swainsona longipilosa* (P1), *Euphorbia inappendiculata* var. *inappendiculata* (P3), *Acacia fuscaneura* (large phyllode variant) (Species of Interest) |
| Vegetation Condition | Excellent to Poor |
| Disturbances | Weeds, cattle grazing, road/access track and possible impact of drought |
| Average Fire Age | Old (6+yr) |

| | |
|---|---|
| Code | FP AsAcAx |
| Broad Floristic Formation | Acacia Low Open Woodland |
| Vegetation Type | Low Open Woodland of Acacia citrinoviridus over High Open Shrubland of Acacia cuthbertsonii, Acacia tetragonphylla and Acacia synchronicia (Acacia subtessarogona) over Open Shrubland of Senna artemisioides subsp. helmsii and Eremophila phyllopoda subsp. phyllopoda over Low Open Shrubland of Ptilotus obovatus over Very Open Tussock Grassland of *Cenchrus ciliaris, Aristida contorta and Paspalidium clementii on orange sandy loam on floodplains |



| | |
|---|---|
| Quadrats | SOM-03 |
| Area (ha) | 0.24 ha (0.04% of the study area) |
| Soils and Geology | Orange loamy sand, alluvial deposits with cobbles / pebbles common |
| Land Form | Low drainage area / floodplain |
| TEC / PEC | No |
| Conservation Significant Flora | None |
| Vegetation Condition | Very Good |
| Disturbances | Weed invasion and cattle grazing |
| Average Fire Age | Old (6+yr) |

| | |
|---|---|
| Code | CP AxAmAsy Ec LdEs |
| Broad Floristic Formation | Acacia High Open Shrubland |
| Vegetation Type | High Open Shrubland of Acacia xiphophylla (Acacia macraneura, Acacia synchronicia) over Open Low Shrubland of Eremophila cuneifolia (Senna artemisioides subsp. helmsii, Senna sp. Meekatharra (E. Bailey 1-26), Senna artemisioides subsp. oligophylla) over Open Low Shrubland of Eremophea spinosa and Lawrencia densifolia on brown silty loam on calcrete plains |



| | |
|---|---|
| Quadrats | SA-03, SA-09, SOM-11, SOM-26, SOM-29 |
| Area (ha) | 29.66 ha (4.37% of the study area) |
| Soils and Geology | Orange / brown silty loam |
| Land Form | Low calcrete plain |
| TEC / PEC | No |
| Conservation Significant Flora | None |
| Vegetation Condition | Very Good to Good |
| Disturbances | Rubbish, road / access track |
| Average Fire Age | Old (6+yr) |

| | |
|---|---|
| Code | SP GbAap Epp |
| Broad Floristic Formation | Eremophila Low Shrubland |
| Vegetation Type | Scattered Tall Shrubs of Grevillea berryana over Open Shrubland of Eremophila phyllopoda subsp. phyllopoda (Senna glutinosa subsp. x luerssenii) over Low Shrubland of Eremophila phyllopoda subsp. phyllopoda, Senna artemisioides subsp. helmsii and Ptilotus obovatus over Open Tussock Grassland of Aristida contorta on red orange silty loam on undulating low hills and stony plains |



| | |
|---|---|
| Quadrats | SA-02, SA-06, SA-15, SOM-02, SOM-05, SOM-07, SOM-21, SOM-24, SOM-31, SOM-35 |
| Area (ha) | 175.07 ha (25.77% of the study area) |
| Soils and Geology | Red/orange silty/sandy loam, granite/quartz/gneiss outcropping |
| Land Form | Low undulating hills and stony plains |
| TEC / PEC | No |
| Conservation Significant Flora | *Acacia curryana* (P1), *Acacia fuscaneura* (large phyllode variant) (Species of Interest) |
| Vegetation Condition | Excellent to Very Good |
| Disturbances | Rubbish, road/access track, mining exploration and cattle grazing |
| Average Fire Age | Old (6+yr) |

| | |
|---|---|
| Code | SP HpAcc Ec |
| Broad Floristic Formation | Eremophila Low Open Shrubland |
| Vegetation Type | Low Open Shrubland of Eremophila cuneifolia (Senna artemisioides subsp. helmsii) over Very Open Tussock Grassland of Aristida contorta on red orange silty loam on stony plains |



| | |
|---|---|
| Quadrats | SA-11, SA21, SOM-17, SOM-22, SOM-23 |
| Area (ha) | 135.26 ha (19.91% of the study area) |
| Soils and Geology | Red / orange silty loam, quartz and granite outcropping |
| Land Form | Low / flat stony plain |
| TEC / PEC | No |
| Conservation Significant Flora | *Swainsona longipilosa* (P1) |
| Vegetation Condition | Very Good |
| Disturbances | Road / access track |
| Average Fire Age | Old (6+yr) |

| | |
|---|---|
| Code | GP Mh |
| Broad Floristic Formation | Marsilea Herbs |
| Vegetation Type | Herbs of Marsilea hirsuta, Marsilea costulifera, Ptilotus gomphrenoides, Ptilotus fusiformis, Alternanthera nodiflora and Centipeda minima subsp. macrocephala with High Open Shrubland of Acacia synchronicia and Acacia tetragonophylla and Open Tussock Grassland of Eriachne benthamii and Eragrostis xerophila on brown light to medium clay on gilgain depressions and stony plains |



| | |
|---|---|
| Quadrats | SOM-08, SOM-14, SOM-15, SOM-16, SOM-37, SOM-38, SOM-42 |
| Area (ha) | 12.35 ha (1.82% of the study area) |
| Soils and Geology | Brown clay / silty clay loam, scattered cobbles / pebbles |
| Land Form | Flat wetland and gilgai / stony plain |
| TEC / PEC | No |
| Conservation Significant Flora | *Swainsona longipilosa* (P1), *Harnieria* sp. Gascoyne (J.P. Bull ONS-2721.04) (P1), *Goodenia berringbinensis* (P4) |
| Vegetation Condition | Very Good |
| Disturbances | Road / access track, weed invasion, cattle grazing |
| Average Fire Age | Old (6+yr) |

| | |
|---|---|
| Code | SP Ax |
| Broad Floristic Formation | Acacia High Open Shrubland |
| Vegetation Type | High Open Shrubland of Acacia xiphophylla and Acacia synchronicia over Scattered Shrubs of Senna artemisioides subsp. x luerssenii over Low Open Shrubland of Eremophila cuneifolia on brown silty loam on stony plains and footslopes |



| | |
|---|---|
| Quadrats | SA-22, SOM-13, SOM-18, SOM-41 |
| Area (ha) | 75.48 ha (11.11% of the study area) |
| Soils and Geology | Orange / brown silty / sandy clay loam, cobbles/pebbles and minor calcrete outcropping |
| Land Form | Low / flat stony plain and hillslope |
| TEC / PEC | No |
| Conservation Significant Flora | None |
| Vegetation Condition | Very Good |
| Disturbances | Road / access track, rubbish, cattle grazing |
| Average Fire Age | Old (6+yr) |

| | |
|---|---|
| Code | GR AkAtAc |
| Broad Floristic Formation | Acacia High Open Shrubland |
| Vegetation type | High Open Shrubland of Acacia kempeana, Grevillea berryana and Psydrax latifolia (Acacia tetragonophylla) over Open Shrubland of Eremophila phyllopoda subsp. phyllopoda and Eremophila latrobei subsp. latrobei (Senna glutinosa subsp. x luersennii) over Low Open Shrubland of Ptilotus obovatus and Tribulus suberosus over Very Open Tussock Grassland of Paspalidium clementii and Aristida contorta over Very Open Herbs of Trachymene pilbarensis, Trichodesma zeylanicum and Lepidium oxytrichum on red brown silty loam on granite hills (domes, crests and upper slopes) |



| | |
|---|---|
| Quadrats | SOM-01, SOM-33, SOM-34 |
| Area (ha) | 9.26 ha (1.36% of the study area) |
| Soils and Geology | Red / brown silty loam, major granite outcropping as well as paragneiss and orthogneiss |
| Land Form | Moderate granite outcrops / domes and hillcrest / upper hillslope |
| TEC / PEC | No |
| Conservation Significant Flora | None |
| Vegetation Condition | Very Good |
| Disturbances | Rubbish and weed invasion |
| Average Fire Age | Old (6+yr) |

| | |
|---|---|
| Code | SP EfrEc Sao HpAsy |
| Broad Floristic Formation | Hakea High Open Shrubland |
| Vegetation type | High Open Shrubland of Hakea preissii (Acacia xiphophylla) over Open Shrubland of Senna glutinosa subsp. x luerssenii over Low Open Shrubland of Eremophila cuneifolia (Senna artemisioides subsp. oligophylla) on red silty loam on orange clay loam on stony plains |



| | |
|---|---|
| Quadrats | SOM-09, SOM-10, SOM-12 |
| Area (ha) | 53.79 ha (7.92% of the study area) |
| Soils and Geology | Orange silty / clay / sandy clay loam, cobbles / pebbles common |
| Land Form | Low / flat stony plain |
| TEC / PEC | No |
| Conservation Significant Flora | None |
| Vegetation Condition | Very Good |
| Disturbances | Road / access track and cattle grazing |
| Average Fire Age | Old (6+yr) |

| | |
|---|---|
| Code | ME AcAsAk |
| Broad Floristic Formation | Eucalyptus Open Woodland |
| Vegetation type | Open Woodland of Eucalyptus victrix and Acacia citrinovirids over Low Woodland of Acacia citrinoviridis over High Open Shrubland of Acacia pyrifolia var. pyrifolia and Acacia cuthbertsonii subsp. cuthbertsonii over Low Open Shrubland of Indigofera monophylla (Tephrosia rosea var. Fortescue Creeks (M.I.H.Brooker 2186)) over Open Tussock Grassland of *Cenchrus ciliaris (*Cenchrus setiger) on brown loamy sand on major drainage lines |



| | |
|---|---|
| Quadrats | SA-08, SOM-04, SOM-27, SOM-36 |
| Area (ha) | 5.61 ha (0.83% of the study area) |
| Soils and Geology | Brown sand / loamy sand, cobbles / pebbles - mica rich |
| Land Form | Low major drainage line |
| TEC / PEC | No |
| Conservation Significant Flora | *Swainsona longipilosa* (P1), *Acacia fuscaneura* (large phyllode variant) (Species of Interest) |
| Vegetation Condition | Good to Poor |
| Disturbances | Road / access track, cattle grazing and weed invasion |
| Average Fire Age | Old (6+yr) |

| Code | GR EeAc |
|---|---|
| Broad Floristic Formation | Acacia Open Shrubland |
| Vegetation type | Open Shrubland of Acacia curryana (Eremophila exilifolia) over Very Open Tussock Grassland of Aristida contorta on red silty/sandy loam on granitic stony plains |



| | |
|---|---|
| Quadrats | SOM-19, SOM-39, SOM-40, SOM-43 |
| Area (ha) | 9.03 ha (1.33% of the study area) |
| Soils and Geology | Red silty / sandy loam, granite and quartz cobbles with the occasional gneiss outcrop |
| Land Form | Low stony plain |
| TEC / PEC | No |
| Conservation Significant Flora | *Acacia curryana* (P1), *Swainsona longipilosa* (P1), *Abutilon* aff. *lepidum* and *Acacia fuscaneura* (large phyllode variant) (Species of Interest) |
| Vegetation Condition | Very Good |
| Disturbances | Road / access track, cattle grazing and rubbish |
| Average Fire Age | Old (6+yr) |

| Code | FP AkAcuAt Eff |
|---|---|
| Broad Floristic Formation | Acacia Low Open Woodland |
| Vegetation Type | Low Open Woodland of Acacia macraneura over High Open Shrubland of Acacia cuthbertsonii and Acacia tetragonophylla over Low Open Shrubland of Eremophila fraserii and Senna artemisioides subsp. helmsii (Ptilotus obovatus) on red loamy sand on floodplains |



| | |
|---|---|
| Quadrats | SA-13, SA-25, SA-26 |
| Area (ha) | 4.14 ha (0.61% of the study area) |
| Soils and Geology | Red / brown loamy sand |
| Land Form | Drainage area / floodplain |
| TEC / PEC | No |
| Conservation Significant Flora | None |
| Vegetation Condition | Good to Degraded |
| Disturbances | Road / access track, weed invasion, cattle grazing, mining exploration |
| Average Fire Age | Old (6+yr) |

| | |
|---|---|
| Code | MI AcAa AmAccAk Cm |
| Broad Floristic Formation | Acacia Low Woodland |
| Vegetation Type | Low Woodland of Acacia citrinoviridis and Acacia sp. Mulga Paraburdoo (B.R. Maslin et al. BRM 9201) over High Shrubland of Acacia cuthbertsonii, Acacia tetragonophylla and Acacia sclerosperma over over Open Tussock Grassland of *Cenchrus ciliaris and *Cenchrus setiger over Open Herbs of Trichodesma zeylanicum, Boerhavia coccinea, Pterocaulon sphacelatum and Crotalaria medicaginea on brown loamy sand on medium drainage lines |



| | |
|---|---|
| Quadrats | SA-18, SA-28, SA-29, SA-14, SA-16, SA-23 |
| Area (ha) | 22.43 ha (3.45% of the study area) |
| Soils and Geology | Brown loamy sand, granite, limited to negligible outcropping |
| Land Form | Minor and medium drainage lines |
| TEC / PEC | No |
| Conservation Significant Flora | None |
| Vegetation Condition | Good |
| Disturbances | Road / access track, weed invasion, cattle grazing |
| Average Fire Age | Old (6+yr) |

| | |
|---|---|
| Code | HS EppSah AkAp |
| Broad Floristic Formation | Acacia High Open Shrubland |
| Vegetation Type | High Open Shrubland of Acacia kempeana, Acacia synchronicia and Acacia tetragonophylla over Shrubland of Eremophila fraseri, Eremophila phyllopoda subsp. phyllopoda and Senna glutinosa subsp. x luerssenii over Low Open Shrubland of Senna artemisioides subsp. helmsii (Eremophila exilifolia, Ptilotus obovatus) over Very Open Bunch Grassland of Aristida contorta on brown sandy loam on rocky hillslopes |



| | |
|---|---|
| Quadrats | SA-07, SA-10, SA-12, SA-17 |
| Area (ha) | 33.90 ha (4.99% of the study area) |
| Soils and Geology | Brown sandy loam to silty loam, granite outcropping or boulders |
| Land Form | Hills and boulder/rockpiles with moderate to extensive granite outcropping |
| TEC / PEC | No |
| Conservation Significant Flora | None |
| Vegetation Condition | Very Good |
| Disturbances | Road / access track, cattle grazing, mining exploration |
| Average Fire Age | Old (6+yr) |

| | |
|---|---|
| Code | MI A94 |
| Broad Floristic Formation | Acacia Open Scrub |
| Vegetation Type | Open Scrub of Acacia kempeana, Acacia cuthbertsonii and Acacia tetragonophylla (Acacia synchronicia) with Low Open Woodland of Acacia macraneura over Open Shrubland of Eremophila fraseri over Low Open Shrubland of Eremophila cuneifolia, Senna artemisioides subsp. helmsii and Ptilotus obovatus over Very Open Bunch Grassland of Aristida contorta on red brown sandy loam on minor drainage lines |



| | |
|---|---|
| Quadrats | SA-19, SA-20, SA-30, SA-32 |
| Area (ha) | 10.72 ha (1.58% of the study area) |
| Soils and Geology | Red sandy loam to silty loam; quartz and granite with limited outcropping |
| Land Form | Minor and medium drainage lines, extending onto adjacent stony plains in places |
| TEC / PEC | No |
| Conservation Significant Flora | *Harnieria* sp. Gascoyne (J.P. Bull ONS-2721.04) (P1) |
| Vegetation Condition | Very Good to Good |
| Disturbances | Road / access track, cattle grazing, weeds |
| Average Fire Age | Old (6+yr) |

| | |
|---|---|
| Code | SP AkAsyAcAt |
| Broad Floristic Formation | Acacia High Open Shrubland |
| Vegetation Type | High Open Shrubland of Acacia kempeana (Acacia tetragonophylla, Acacia synchronicia) over Open Shrubland of Eremophila fraseri over Low Open Shrubland of Senna artemisioides subsp. helmsii (Eremophila exilifolia, Ptilotus obovatus) on brown sandy loam on hillslopes and stony plains |



| | |
|---|---|
| Quadrats | SA-05, SA-24, SA-27, SA31 |
| Area (ha) | 50.42 ha (7.42% of the study area) |
| Soils and Geology | Brown sandy loam; moderate granite outcropping |
| Land Form | Hillslopes and stony plains |
| TEC / PEC | No |
| Conservation Significant Flora | *Acacia fuscaneura* (large phyllode variant) (Species of Interest) |
| Vegetation Condition | Excellent to Good |
| Disturbances | Road / access track, cattle grazing |
| Average Fire Age | Old (6+yr) |

## 4.6 Vegetation Condition

Vegetation condition across 93% (629.30 ha) of the study area was rated as *very good,* with a smaller proportion rated as *excellent* (<1%), *good* (3%), *poor* (1%) or *degraded* (<1%) (Table 10, Figure 10). Approximately 8.3 ha within the central western sector of the study area had been heavily disturbed by activities related to the historic Star of Mangaroon Mine and was rated as *completely degraded* (Figure 10). Outside of this area the most significant disturbance was related to grazing by domestic stock (historically sheep and more recently cattle) which was most pronounced along drainage lines and on flood plains at the lowest point in the landscape (areas supporting the most palatable grasses). Other localised disturbances included existing access tracks, introduction of weeds, and plant death caused by drought.

**Table 10 Vegetation condition rating within the study area.**

| Vegetation Type | Area (ha) | % of the Study Area |
|---|---|---|
| Excellent | 1.13 | 0.17 |
| Very Good | 629.30 | 92.64 |
| Good | 17.69 | 2.60 |
| Poor | 8.45 | 1.24 |
| Degraded | 5.36 | 0.79 |
| Completely Degraded | 17.38 | 2.56 |
| **Total** | **679.32** | **100.00** |




# DREADNOUGHT RESOURCES STAR OF MANGAROON PROJECT

## Figure 10:Vegetation condition within the study area

### Legend

Vegetation Condition

- Completely Degraded
- Degraded
- Poor
- Good
- Very Good

0 0.5 1 1.5 km

1:40,000

| Document Control | |
|---|---|
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Datum: GDA 2020
Projection: MGA Zone 50




ONSHORE ENVIRONMENTAL

# DREADNOUGHT RESOURCES STAR OF MANGAROON PROJECT

## Figure 10:Vegetation condition within the study area

### Legend

Vegetation Condition

- Completely Degraded
- Degraded
- Poor
- Good
- Very Good
- Excellent

0 0.5 1 1.5 km

1:40,000

| Document Control | |
|---|---|
| Date: | 13 June 2025 |
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## 4.7 Representation and Reservation of Vegetation

Regional vegetation mapping completed by Beard (1990) was utilised to assess representation of vegetation within the study area. Two Beard (1990) vegetation associations were represented within the study area (Table 11). In terms of representation, the Western Australian Government is committed to the National Objectives Targets for Biodiversity Conservation which includes a target that prevents clearance of ecological communities with an extent below 30% of that present at pre-European settlement (Department of Natural Resources and Environment 2002, EPA 2000).

When considering representation at the state-wide level, the two vegetation associations represented within the study area currently have >99.75% of their pre-European extent remaining (Table 11, Government of Western Australia 2019).

The study area is located within the Gascoyne bioregion and covers parts of the Augustus subregion (as discussed in Section 2.1). When considering the representation of vegetation at the IBRA regional and subregional levels, >99.93% of the pre-European extent remains for the two vegetation associations represented (Table 11).

The study area is within the Shire of Upper Gascoyne local government authority. At this local level 100.00% of the pre-European extent remains for the two vegetation associations represented (Table 11).

Vegetation within the study area is therefore determined to be well represented at all levels (state-wide, bioregional [IBRA region and IBRA sub-region] and local government authority), with more than 99.75% of the pre-European extent remaining for each of the Beard vegetation associations represented.

In terms of reservation, there is a benchmark for a minimum of 15% of each Beard (1990) vegetation association to be protected in class I-IV reserves (Commonwealth of Australia 1997). The proportion of each vegetation association occurring within secure reserves state-wide is <0.01% of the current extent, noting that 3.48% and 12.53% of each association occurs within DBCA managed lands (Table 11). While this is below the recommended target it is determined to be of least concern given that close to 100% of the Pre-European extent remains intact.

**Table 11 Pre-European extent of vegetation represented on the basis of identified datasets (Government of Western Australia 2018).**

| Vegetation Association | Pre-European Extent (ha) | Current Extent (ha) | % Pre-European Extent Remaining | % Current Extent Protected (IUCN I - IV) for Conservation (proportion of Current Extent) | % Current Extent in all DBCA-Managed Land (proportion of Current Extent) |
|---|---|---|---|---|---|
| **Statewide** | | | | | |
| 18- Low woodland; Mulga (Acacia aneura) | 19,892,306.46 | 19,843,148.07 | 99.75 | 2.13 | 6.64 |
| 165 - Low woodland; Mulga and snakewood | 732,343.98 | 732,341.64 | 100.00 | 0.01 | 1.95 |
| **IBRA Region** | | | | | |
| Gascoyne - 18 | 3,273,579.72 | 3,271,339.12 | 99.93 | 2.49 | 9.66 |
| Gascoyne - 165 | 697,447.83 | 697,445.48 | 100.00 | 0.01 | 2.05 |
| **IBRA Sub-Region** | | | | | |
| Ashburton - 18 | 17,303.90 | 17,303.90 | 100.00 | | 0.26 |
| Ashburton - 165 | 221,984.94 | 221,984.94 | 100.00 | 0.04 | 0.04 |
| **Local Government (Shire of Upper Gascoyne)** | | | | | |
| Upper Gascoyne - 18 | 966,213.58 | 966,204.52 | 100.00 | 0.01 | 12.53 |
| Upper Gascoyne - 165 | 407,418.75 | 407,416.40 | 100.00 | | 3.48 |

# 4.8 Conservation Significance of Vegetation

## 4.8.1 National Significance

None of the vegetation types recorded from the study area supported Threatened Flora listed under the EPBC Act, or were aligned with any Commonwealth listed TECs. Therefore, vegetation within the study area was not considered to be of national significance.

## 4.8.2 State Significance

None of the vegetation types recorded from the study area supported Threatened Flora listed under the Western Australian BC Act, or were aligned with any state listed TECs. The study area intersected the buffer of a DBCA listed PEC. The potential conservation significance of the Gifford Creek PEC related to the assemblage of invertebrates that have been identified in a network of shallow calcrete aquifers which was not aligned with the terrestrial flora and vegetation. Therefore, vegetation within the study area was not considered to be of state significance.

## 4.8.3 Local Significance

Five Priority flora taxa, as recognised by the DBCA, were associated with the following landform features within the study area:

- *Acacia curryana* (Priority 1) low granitic rises and stony plains;
- *Harnieria* sp. Gascoyne (J.P. Bull ONS-2721.04) (Priority 1) levee banks of drainage lines; and
- *Goodenia berringbinensis* (Priority 4), *Swainsona longipilosa* (Priority 1) and *Euphorbia inappendiculata* var. *inappendiculata* (Priority 3) on gilgai drainage depressions and plains.

The above habitat features may potentially be considered locally conservation significant.

# 5.0 SUMMARY

A detailed flora and vegetation survey of the Star of Mangaroon Project completed over three field visits in late March 2023, early August 2024 and early May 2025 recorded a total number of 260 plant taxa (including varieties and subspecies) from 47 families and 135 genera. None of the plant taxa recorded from the study area were listed as Threatened Flora under the Commonwealth EPBC Act or the Western Australian BC Act.

Five Priority flora taxa recognised by the DBCA were recorded along the two potential access routes: *Acacia curryana, Harnieria* sp. Gascoyne (J.P. Bull ONS-2721.04) and *Swainsona longipilosa* (Priority 1), *Euphorbia inappendiculata* var. *inappendiculata* (Priority 3), and *Goodenia berringbinensis* (Priority 4). These five taxa were restricted to specific habitats that may be of local conservation significance including low granitic rises and stony plains with outcropping granite *(Acacia curryana),* major and medium drainage lines *(Harnieria* sp. Gascoyne (J.P. Bull ONS-2721.04)*,* and gilgai drainage depressions *(Goodenia berringbinensis, Swainsona longipilosa* and *Euphorbia inappendiculata* var. *inappendiculata).* Additionally, two species of interest were recorded from the study area: *Abutilon* aff. *lepidum* (variable traits compared to the typical form) and *Acacia fuscaneura* (wide phyllode variant).

A total of 16 vegetation types associated with eight broad landforms were described and mapped from the study area. The most widely represented vegetation types occurred on stony plains. None of the terrestrial vegetation types were aligned with Commonwealth or State listed TECs or Western Australian listed PECs. Vegetation within the study area has been broadly mapped by Beard (1990) as two associations, both determined to be well represented at the state-wide, bioregional, and local government levels, with >99.75% of the pre-European extent remaining.

# 6.0 STUDY TEAM

The detailed flora and vegetation survey was planned, co-ordinated and executed by the following personnel:

**Project Staff**

| | | |
|---|---|---|
| Dr Darren Brearley | PhD | Project Manager and Principal Botanist |
| Dr Jerome Bull | PhD | Principal Botanist |
| Mr Thomas Mott | BSc | Ecologist |
| Ms Jessica Waters | BSc | GIS and Mapping Specialist |

ACN 095 837 120
PO Box 227
YALLINGUP WA 6282
Phone 0427339842
E-mail: info@onshoreenvironmental.com.au

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# APPENDIX 1

Status codes for species listed on the IUCN 'Red List'

| Category | Description |
|---|---|
| Extinct (Ex) | A taxon is Extinct when there is no reasonable doubt that the last individual has died. A taxon is presumed Extinct when exhaustive surveys in known and/or expected habitat, at appropriate times (diurnal, seasonal, annual), throughout its historic range have failed to record an individual. Surveys should be over a time frame appropriate to the taxon's life cycle and life form. |
| Extinct in the Wild (EW) | A taxon is Extinct in the Wild when it is known only to survive in cultivation, in captivity or as a naturalized population (or populations) well outside the past range. A taxon is presumed Extinct in the Wild when exhaustive surveys in known and/or expected habitat, at appropriate times (diurnal, seasonal, annual), throughout its historic range have failed to record an individual. Surveys should be over a time frame appropriate to the taxon's life cycle and life form. |
| Critically Endangered (CR) | A taxon is Critically Endangered when the best available evidence indicates that it meets any of the criteria A to E for Critically Endangered, and it is therefore considered to be facing an extremely high risk of extinction in the wild. |
| Endangered (EN) | A taxon is Endangered when the best available evidence indicates that it meets any of the criteria A to E for Endangered, and it is therefore considered to be facing a very high risk of extinction in the wild. |
| Vulnerable (VU) | A taxon is Vulnerable when the best available evidence indicates that it meets any of the criteria A to E for Vulnerable, and it is therefore considered to be facing a high risk of extinction in the wild. |
| Near Threatened (NT) | A taxon is Near Threatened when it has been evaluated against the criteria but does not qualify for Critically Endangered, Endangered or Vulnerable now, but is close to qualifying for or is likely to qualify for a threatened category in the near future. |
| Least Concern (LC) | A taxon is Least Concern when it has been evaluated against the criteria and does not qualify for Critically Endangered, Endangered, Vulnerable or Near Threatened. Widespread and abundant taxa are included in this category. |
| Data Deficient (DD) | A taxon is Data Deficient when there is inadequate information to make a direct, or indirect, assessment of its risk of extinction based on its distribution and/or population status. A taxon in this category may be well studied, and its biology well known, but appropriate data on abundance and/or distribution are lacking. Data Deficient is therefore not a category of threat. Listing of taxa in this category indicates that more information is required and acknowledges the possibility that future research will show that threatened classification is appropriate. It is important to make positive use of whatever data are available. In many cases great care should be exercised in choosing between DD and a threatened status. If the range of a taxon is suspected to be relatively circumscribed, and a considerable period of time has elapsed since the last record of the taxon, threatened status may well be justified. |
| Not Evaluated (NE) | A taxon is Not Evaluated when it has not yet been evaluated against the criteria. |

# APPENDIX 2

Conservation categories for species listed under the EPBC Act

| Category | Description |
|---|---|
| Extinct | A species is extinct if there is no reasonable doubt that the last member of the species has died. |
| Extinct in the Wild | A species is categorised as extinct in the wild if it is only known to survive in cultivations, in captivity, or as a naturalised population well outside its past range; or if it has not been recorded in its known/expected habitat, at appropriate seasons, anywhere in its past range, despite exhaustive surveys over a time frame appropriate to its life cycle and form. |
| Critically Endangered | The species is facing an extremely high risk of extinction in the wild and in the immediate future. |
| Endangered | The species is likely to become extinct unless the circumstances and factors threatening its abundance, survival, or evolutionary development cease to operate; or its numbers have been reduced to such a critical level, or its habitats have been so drastically reduced, that it is in immediate danger of extinction. |
| Vulnerable | Within the next 25 years, the species is likely to become endangered unless the circumstances and factors threatening its abundance, survival or evolutionary development cease to operate. |
| Conservation Dependent | The species is the focus of a specific conservation program, the cessation of which would result in the species becoming vulnerable, endangered or critically endangered within a period of 5 years. |

# APPENDIX 3

Conservation categories for species listed under the BC Act

| Category | Description |
|---|---|
| Threatened Species<br>Listed by order of the Minister as Threatened in the category of critically endangered, endangered or vulnerable under section 19(1), or is a rediscovered species to be regarded as threatened species under section 26(2) of the Biodiversity Conservation Act 2016 (BC Act).<br>Threatened fauna is that subset of 'Specially Protected Fauna' listed under schedules 1 to 3 of the Wildlife Conservation (Specially Protected Fauna) Notice 2018 for Threatened Fauna.<br>Threatened flora is that subset of 'Rare Flora' listed under schedules 1 to 3 of the Wildlife Conservation (Rare Flora) Notice 2018 for Threatened Flora.<br>The assessment of the conservation status of these species is based on their national extent and ranked according to their level of threat using IUCN Red List categories and criteria as detailed below. | |
| Critically endangered (CR) | 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".<br>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.<br>Published under schedule 1 of the Wildlife Conservation (Specially Protected Fauna) Notice 2018 for critically endangered fauna or the Wildlife Conservation (Rare Flora) Notice 2018 for critically endangered flora. |
| Endangered (EN) | 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".<br>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.<br>Published under schedule 2 of the Wildlife Conservation (Specially Protected Fauna) Notice 2018 for endangered fauna or the Wildlife Conservation (Rare Flora) Notice 2018 for endangered flora. |
| Vulnerable (VU) | 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".<br>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.<br>Published under schedule 3 of the Wildlife Conservation (Specially Protected Fauna) Notice 2018 for vulnerable fauna or the Wildlife Conservation (Rare Flora) Notice 2018 for vulnerable flora. |
| Specially protected species<br>Listed by order of the Minister as specially protected under section 13(1) of the BC Act. Meeting one or more of the following categories: species of special conservation interest; migratory species; cetaceans; species subject to international agreement; or species otherwise in need of special protection.<br>Species that are listed as threatened species (critically endangered, endangered or vulnerable) or extinct species under the BC Act cannot also be listed as Specially Protected species. | |
| Migratory species (MG) | 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).<br>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.<br>Published as migratory birds protected under an international agreement under schedule 5 of the Wildlife Conservation (Specially Protected Fauna) Notice 2018. |

| Category | Description |
|---|---|
| Species of special conservation interest (conservation dependent fauna) (CD) | Fauna of special conservation need being species dependent on ongoing conservation intervention to prevent it becoming eligible for listing as threatened.<br>Published as Specially Protected under the Wildlife Conservation Act 1950, in Schedule 6 of the Wildlife Conservation (Specially Protected Fauna) Notice. |
| 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).<br>Published as other specially protected fauna under schedule 7 of the Wildlife Conservation (Specially Protected Fauna) Notice 2018. |

# APPENDIX 4

Conservation codes for Western Australian Priority flora

| Priority Species |
| --- |
| Possibly threatened species that do not meet survey criteria, or are otherwise data deficient, are added to the Priority Fauna or Priority Flora Lists under Priorities 1, 2 or 3. These three categories are ranked in order of priority for survey and evaluation of conservation status so that consideration can be given to their declaration as threatened flora or fauna.<br>Species that are adequately known, are rare but not threatened, or meet criteria for near threatened, or that have been recently removed from the threatened species or other specially protected fauna lists for other than taxonomic reasons, are placed in Priority 4. These species require regular monitoring.<br>Assessment of Priority codes is based on the Western Australian distribution of the species, unless the distribution in WA is part of a contiguous population extending into adjacent States, as defined by the known spread of locations. |
| Priority One: 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 survey requirements and appear to be under immediate threat from known threatening processes. Such species are in urgent need of further survey. |
| Priority Two: 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 adequacy of survey requirements and appear to be under threat from known threatening processes. Such species are in urgent need of further survey. |
| Priority Three: 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 adequacy of survey requirements and known threatening processes exist that could affect them. Such species are in need of further survey. |
| Priority Four: Rare, Near Threatened and other species in need of monitoring |
| (a) Rare. Species that are considered to have been adequately surveyed, 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.<br>(b) Near Threatened. Species that are considered to have been adequately surveyed and that are close to qualifying for Vulnerable, but are not listed as Conservation Dependent.<br>(c) Species that have been removed from the list of threatened species during the past five years for reasons other than taxonomy. |

# APPENDIX 5

Vegetation condition scale
(as developed by Keighery 1994)

| Condition | Code | Description |
|---|---|---|
| Pristine | 1 | Pristine or nearly so, no obvious signs of disturbance. |
| Excellent | 2 | Vegetation structure intact, disturbance affecting individual species and weeds are non-aggressive species. |
| Very Good | 3 | Vegetation structure altered; obvious signs of disturbance. |
| Good | 4 | Vegetation structure significantly altered by very obvious signs of multiple disturbances. Retains basic vegetation structure or ability to regenerate it. |
| Degraded | 5 | Basic vegetation structure severely impacted by disturbance. Scope for regeneration but not to a state approaching Very Good condition without intensive management. |
| Completely Degraded | 6 | The structure of the vegetation is no longer intact and the area is completely or almost completely without native species. |

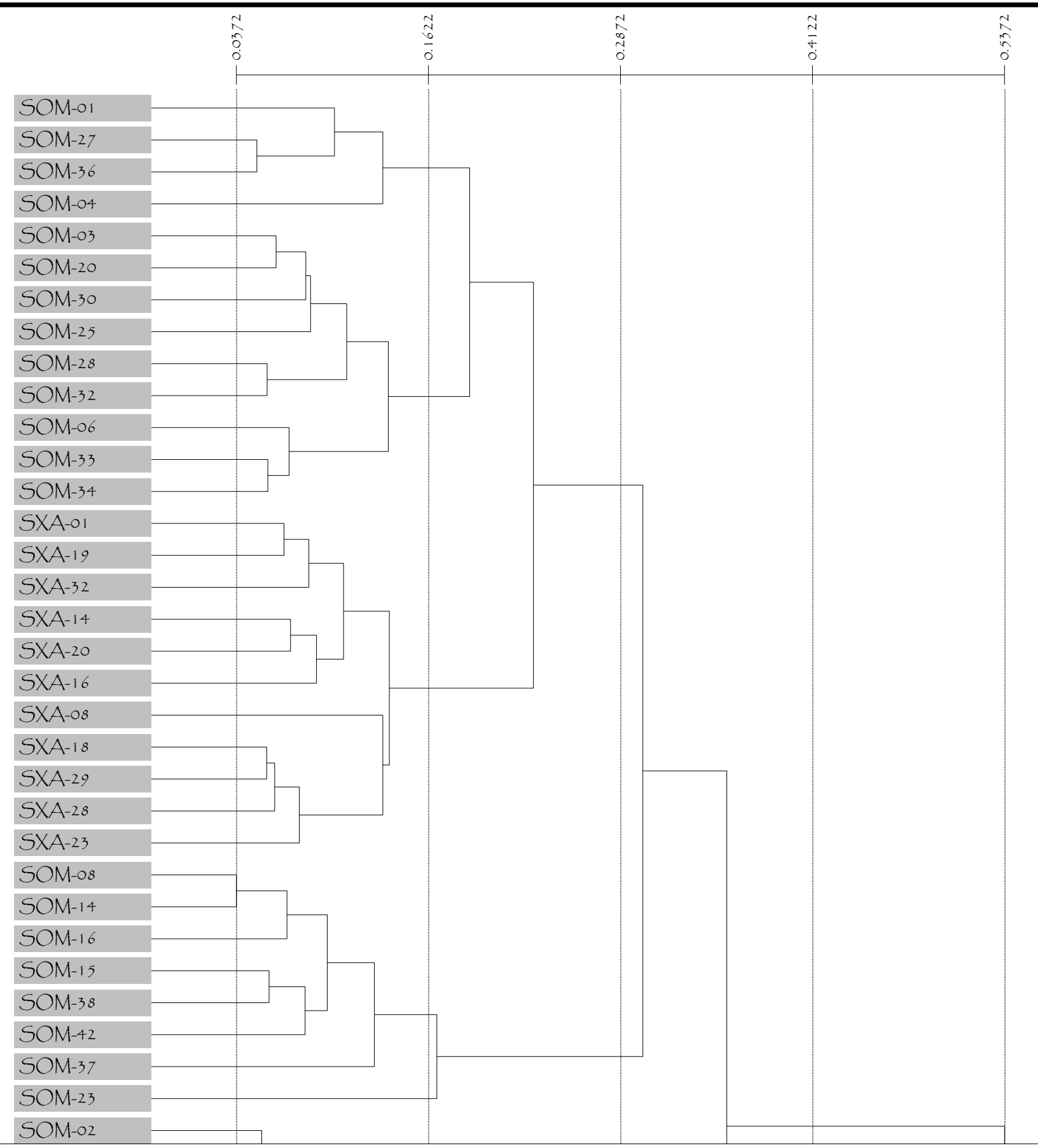
# APPENDIX 6

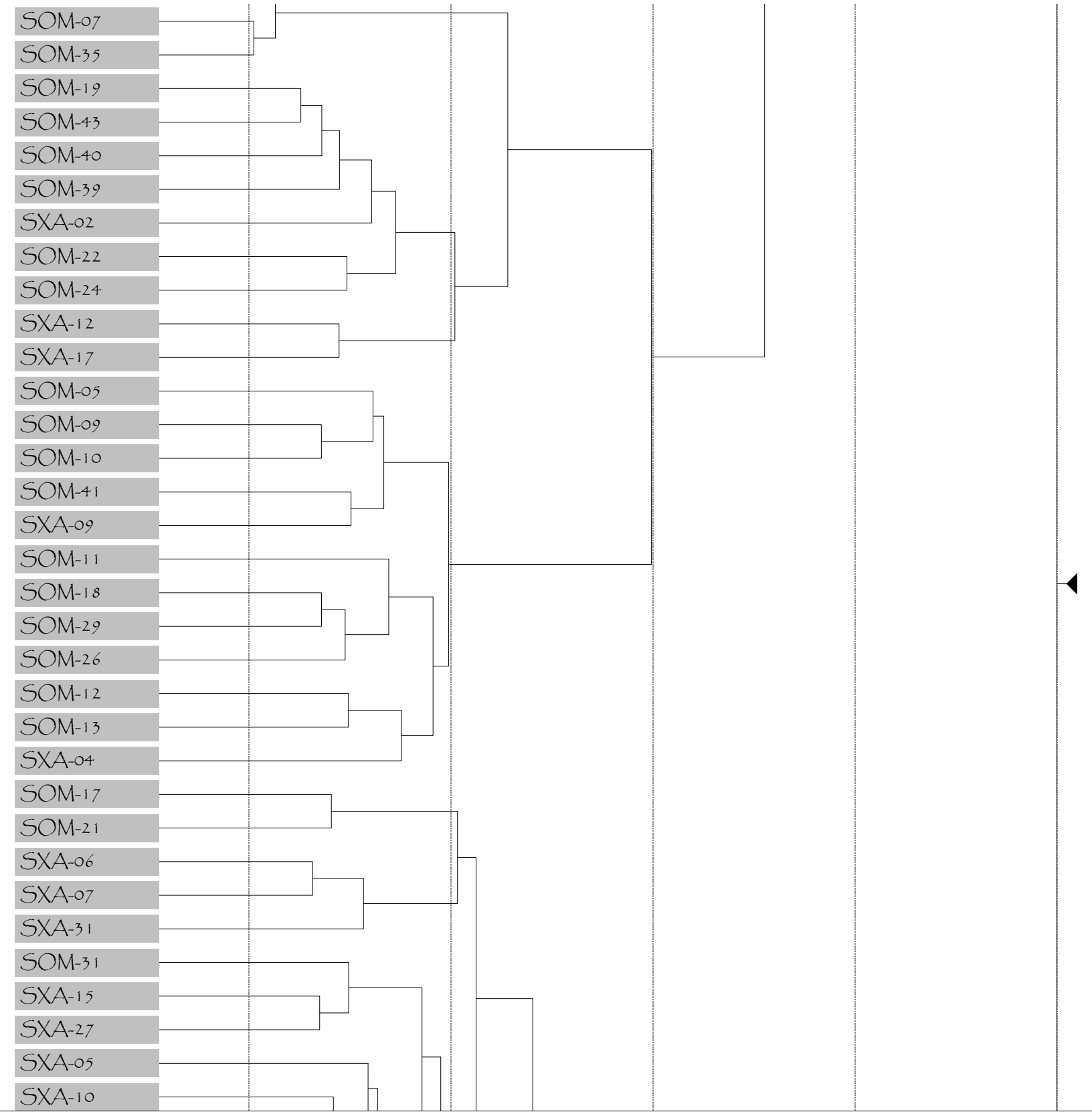
Column Fusion Dendrogram

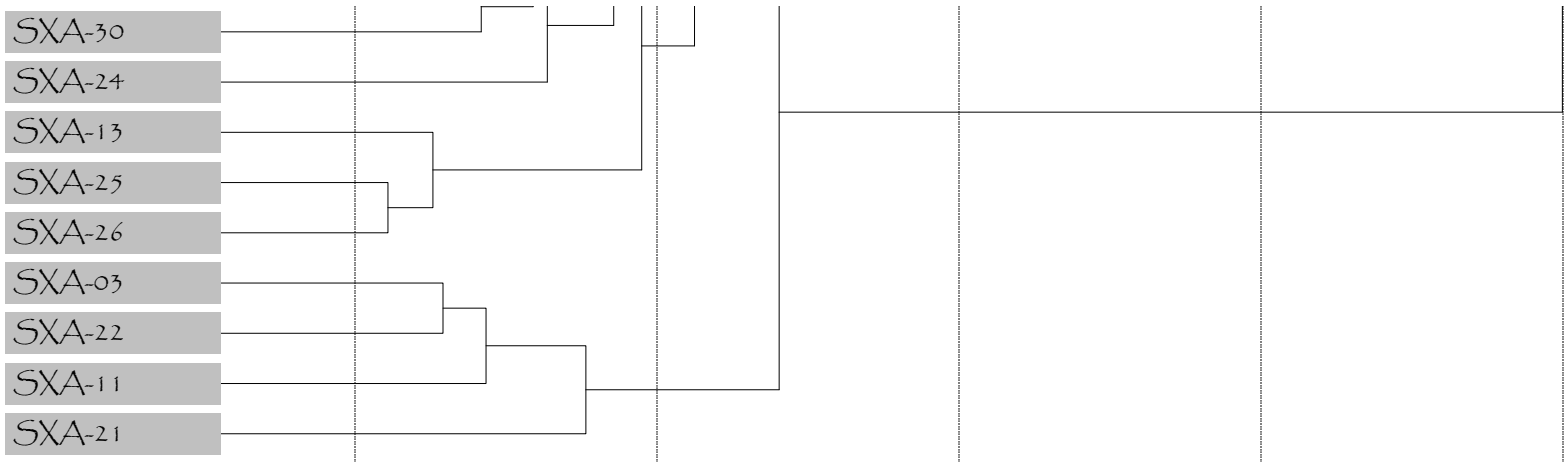
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# Column Fusion Dendrogram




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SXA-30
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SXA-13
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SXA-03
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SXA-11
SXA-21

# APPENDIX 7

Vegetation classification following Muir (1997)

| Height Class | Canopy Cover | | | | |
|---|---|---|---|---|---|
| | 100 - 70% | 70 - 30% | 30 - 10% | 10 - 2% | < 2% |
| Trees > 30 m | High Closed Forest | High Open Forest | High Woodland | High Open Woodland | Scattered Tall Trees |
| Trees 10-30m | Closed Forest | Open Forest | Woodland | Open Woodland | Scattered Trees |
| Trees < 10 m | Low Closed Woodland | Low Open Forest | Low Woodland | Low Open Woodland | Scattered Low Trees |
| Mallee | Closed Mallee | Mallee | Open Mallee | Very Open Mallee | Scattered Mallees |
| Shrubs > 2 m | Closed Scrub | Open Scrub | High Shrubland | High Open Shrubland | Scattered Tall Shrubs |
| Shrubs 1-2 m | Closed Heath | Open Heath | Shrubland | Open Shrubland | Scattered Shrubs |
| Shrubs < 1 m | Low Closed Heath | Low Open Heath | Low Shrubland | Low Open Shrubland | Low Scattered Shrubs |
| Hummock Grass | Closed Hummock Grassland | Hummock Grassland | Open Hummock Grassland | Very Open Hummock Grassland | Scattered Hummock Grass |
| Tussock Grass | Closed Tussock Grassland | Tussock Grassland | Open Tussock Grassland | Very Open Tussock Grassland | Scattered Tussock Grass |
| Bunch Grass | Closed Bunch Grassland | Bunch Grassland | Open Bunch Grassland | Very Open Bunch Grassland | Scattered Bunch Grass |
| Sedges | Closed Sedges | Sedges | Open Sedges | Very Open Sedges | Scattered Sedges |
| Herbs | Closed Herbs | Herbs | Open Herbs | Very Open Herbs | Scattered Herbs |

# APPENDIX 8

## Total flora list from the study area

* denotes introduced species

| Family | Genus | Species | Rank | Infra Name | Conservation Status |
|---|---|---|---|---|---|
| Acanthaceae | Dicladanthera | forrestii | | | |
| Acanthaceae | Dipteracanthus | australasicus | subsp. | australasicus | |
| Acanthaceae | Harnieria | | sp. | Gascoyne (J.P. Bull ONS-2721.04) | Priority 1 |
| Aizoaceae | Trianthema | triquetrum | | | |
| Amaranthaceae | Alternanthera | nana | | | |
| Amaranthaceae | Alternanthera | nodiflora | | | |
| Amaranthaceae | Amaranthus | cuspidifolius | | | |
| Amaranthaceae | Amaranthus | | sp. | indet. | |
| Amaranthaceae | Gomphrena | cunninghamii | | | |
| Amaranthaceae | Gomphrena | kanisii | | | |
| Amaranthaceae | Ptilotus | aervoides | | | |
| Amaranthaceae | Ptilotus | exaltatus | | | |
| Amaranthaceae | Ptilotus | gomphrenoides | | | |
| Amaranthaceae | Ptilotus | helipteroides | | | |
| Amaranthaceae | Ptilotus | obovatus | | | |
| Amaranthaceae | Ptilotus | polystachyus | | | |
| Apocynaceae | Leichhardtia | australis | | | |
| Apocynaceae | Vincetoxicum | lineare | | | |
| Araliaceae | Trachymene | pilbarensis | | | |
| Asparagaceae | Thysanotus | speckii | | | |
| Asphodelaceae | Asphodelus | fistulosus | | | * |
| Asphodelaceae | Bulbine | pendula | | | |
| Asteraceae | Bidens | bipinnata | | | * |
| Asteraceae | Brachyscome | | sp. | indet | |
| Asteraceae | Calocephalus | | cf. | francisii | |
| Asteraceae | Calocephalus | | cf. | knappii | |
| Asteraceae | Calotis | hispidula | | | |
| Asteraceae | Calotis | plumulifera | | | |
| Asteraceae | Centipeda | minima | subsp. | macrocephala | |
| Asteraceae | Centipeda | thespidioides | | | |
| Asteraceae | Centipeda | | sp. | indet. | |
| Asteraceae | Pluchea | dentex | | | |

| Family | Genus | Species | Rank | Infra Name | Conservation Status |
|---|---|---|---|---|---|
| Asteraceae | Pterocaulon | sphacelatum | | | |
| Asteraceae | Rhodanthe | floribunda | | | |
| Asteraceae | Rhodanthe | maryonii | | | |
| Asteraceae | Rhodanthe | stricta | | | |
| Asteraceae | Schoenia | ayersii | | | |
| Asteraceae | Streptoglossa | bubakii | | | |
| Asteraceae | Streptoglossa | decurrens | | | |
| Asteraceae | Streptoglossa | tenuiflora | | | |
| Asteraceae | Streptoglossa | | sp. | indet. | |
| Boraginaceae | Euploca | cunninghamii | | | |
| Boraginaceae | Euploca | heterantha | | | |
| Boraginaceae | Euploca | inexplicita | | | |
| Boraginaceae | Trichodesma | zeylanium | subsp. | zeylanium | |
| Brassicaceae | Lepidium | oxytrichum | | | |
| Brassicaceae | Lepidium | pholidogynum | | | |
| Brassicaceae | Lepidium | platypetalum | | | |
| Brassicaceae | Lepidium | | sp. | indet | |
| Brassicaceae | Sisymbrium | | sp. | indet. | * |
| Brassicaceae | Stenopetalum | anfractum | | | |
| Campanulaceae | Lobelia | heterophylla | subsp. | pilbarensis | |
| Campanulaceae | Wahlenbergia | tumidifructa | | | |
| Caryophyllaceae | Polycarpaea | longiflora | | | |
| Celastraceae | Stackhousia | muricata | subsp. | annual (W.R. Barker 2172) | |
| Chenopodiaceae | Atriplex | codonocarpa | | | |
| Chenopodiaceae | Atriplex | semilunaris | | | |
| Chenopodiaceae | Atriplex | | sp. | indet. | |
| Chenopodiaceae | Chenopodium | auricomum | | | |
| Chenopodiaceae | Dysphania | melanocarpa | | | |
| Chenopodiaceae | Dysphania | rhadinostachya | | | |
| Chenopodiaceae | Dysphania | | sp. | indet. | |
| Chenopodiaceae | Enchylaena | tomentosa | | | |
| Chenopodiaceae | Eremophea | spinosa | | | |

| Family | Genus | Species | Rank | Infra Name | Conservation Status |
|---|---|---|---|---|---|
| Chenopodiaceae | Maireana | georgei | | | |
| Chenopodiaceae | Maireana | melanocoma | | | |
| Chenopodiaceae | Maireana | planifolia | | | |
| Chenopodiaceae | Maireana | tomentosa | | | |
| Chenopodiaceae | Maireana | triptera | | | |
| Chenopodiaceae | Maireana | | cf. | villosa | |
| Chenopodiaceae | Maireana | | sp. | indet. | |
| Chenopodiaceae | Rhagodia | eremaea | | | |
| Chenopodiaceae | Salsola | australis | | | |
| Chenopodiaceae | Sclerolaena | costata | | | |
| Chenopodiaceae | Sclerolaena | cuneata | | | |
| Chenopodiaceae | Sclerolaena | | sp. | indet. | |
| Cleomaceae | Arivela | viscosa | | | |
| Colchicaceae | Wurmbea | inflata | | | |
| Convolvulaceae | Bonamia | pannosa | | | |
| Convolvulaceae | Bonamia | | cf. | pilbarensis | |
| Convolvulaceae | Convolvulus | clementii | | | |
| Convolvulaceae | Duperreya | commixta | | | |
| Convolvulaceae | Evolvulus | alsinoides | var. | villosicalyx | |
| Convolvulaceae | Ipomoaea | muelleri | | | |
| Convolvulaceae | Operculina | aequisepala | | | |
| Cucurbitaceae | Austrobryonia | pilbarensis | | | |
| Cucurbitaceae | Citrullus | colocynthis | | | * |
| Cucurbitaceae | Cucumis | melo | | | |
| Cucurbitaceae | Cucumis | variabilis | | | |
| Cyperaceae | Bulbostylis | barbata | | | |
| Cyperaceae | Cyperus | concinnus | | | |
| Cyperaceae | Cyperus | iria | | | |
| Cyperaceae | Eleocharis | pallens | | | |
| Cyperaceae | Schoenoplectiella | dissachantha | | | |
| Euphorbiaceae | Euphorbia | australis | var. | subtomentosa | |
| Euphorbiaceae | Euphorbia | biconvexa | | | |

| Family | Genus | Species | Rank | Infra Name | Conservation Status |
|---|---|---|---|---|---|
| Euphorbiaceae | Euphorbia | boophthona | | | |
| Euphorbiaceae | Euphorbia | inappendiculata | var. | inappendiculata | Priority 3 |
| Euphorbiaceae | Euphorbia | porcata | | | |
| Fabaceae | Acacia | aneura | | | |
| Fabaceae | Acacia | aptaneura | | | |
| Fabaceae | Acacia | citrinoviridis | | | |
| Fabaceae | Acacia | coriacea | subsp. | pendens | |
| Fabaceae | Acacia | curryana | | | Priority 1 |
| Fabaceae | Acacia | cuthbertsonii | | | |
| Fabaceae | Acacia | fuscaneura | | | |
| Fabaceae | Acacia | fuscaneura - pteraneura complex | | | |
| Fabaceae | Acacia | fuscaneura (large phyllode variant) | | | Species of Interest |
| Fabaceae | Acacia | kempeana | | | |
| Fabaceae | Acacia | macraneura | | | |
| Fabaceae | Acacia | mulganeura | | | |
| Fabaceae | Acacia | pruinocarpa | | | |
| Fabaceae | Acacia | pyrifolia | var. | pyrifolia | |
| Fabaceae | Acacia | sclerosperma | subsp. | sclerosperma | |
| Fabaceae | Acacia | subtessarogona | | | |
| Fabaceae | Acacia | synchronicia | | | |
| Fabaceae | Acacia | tetragonophylla | | | |
| Fabaceae | Acacia | xiphophylla | | | |
| Fabaceae | Acacia | | cf. | aneura | |
| Fabaceae | Acacia | | cf. | sibirica | |
| Fabaceae | Acacia | | sp. | Mulga Paraburdoo (B.R. Maslin et al. BRM 9201) | |
| Fabaceae | Acacia | | sp. | P94 (J.S. Beard 6178) | |
| Fabaceae | Aeschynomene | indica | | | |
| Fabaceae | Crotolaria | medicaginea | var. | neglecta | |
| Fabaceae | Cullen | graveolens | | | |
| Fabaceae | Glycine | canescens | | | |
| Fabaceae | Indigofera | colutea | | | |
| Fabaceae | Indigofera | decipiens | | | |

| Family | Genus | Species | Rank | Infra Name | Conservation Status |
|---|---|---|---|---|---|
| Fabaceae | Indigofera | monophylla | | | |
| Fabaceae | Lotus | cruentus | | | |
| Fabaceae | Rhynchosia | minima | | | |
| Fabaceae | Senna | artemisioides | subsp. | helmsii | |
| Fabaceae | Senna | artemisioides | subsp. | oligophylla | |
| Fabaceae | Senna | glaucifolia | | | |
| Fabaceae | Senna | glutinosa | subsp. | ×luerssenii | |
| Fabaceae | Senna | glutinosa | subsp. | glutinosa | |
| Fabaceae | Senna | stricta | | | |
| Fabaceae | Senna | | sp. | Meekatharra (E. Bailey 1-26) | |
| Fabaceae | Swainsona | incei | | | |
| Fabaceae | Swainsona | longipilosa | | | Priority 1 |
| Fabaceae | Swainsona | pterostylis | | | |
| Fabaceae | Swainsona | rotunda | | | |
| Fabaceae | Tephrosia | densa | | | |
| Fabaceae | Tephrosia | rosea | var. | Fortescue creeks (M.I.H. Brooker 2186) | |
| Fabaceae | Tephrosia | supina | | | |
| Fabaceae | Tephrosia | | sp. | clay soils (S. van Leeuwen et al. PBS 0273) | |
| Fabaceae | Tephrosia | | sp. | NW Eremaean (S. van Leeuwen et al. PBS 0356) | |
| Fabaceae | Vachellia | farnesiana | | | * |
| Gentianaceae | Schenkia | | sp. | indet. | |
| Geraniaceae | Erodium | cygnorum | | | |
| Goodeniaceae | Goodenia | berringbinensis | | | Priority 4 |
| Goodeniaceae | Goodenia | forrestii | | | |
| Goodeniaceae | Goodenia | tenuiloba | | | |
| Goodeniaceae | Goodenia | | aff. | pinnatifida | |
| Goodeniaceae | Goodenia | | sp. | indet. | |
| Goodeniaceae | Scaevola | spinescens | | | |
| Goodeniaceae | Scaevola | tomentosa | | | |
| Gyrostemonaceae | Codonocarpus | cotinifolius | | | |
| Haloragaceae | Haloragis | maierae | | | |
| Lamiaceae | Teucrium | teucriiflorum | | | |

| Family | Genus | Species | Rank | Infra Name | Conservation Status |
|---|---|---|---|---|---|
| Loranthaceae | Amyema | fitzgeraldii | | | |
| Malvaceae | Abutilon | amplum | | | |
| Malvaceae | Abutilon | fraseri | | | |
| Malvaceae | Abutilon | malvifolium | | | |
| Malvaceae | Abutilon | oxycarpum | subsp. | Prostrate (A.A. Mitchell PRP 1266) | |
| Malvaceae | Abutilon | | aff. | lepidum | Species of Interest |
| Malvaceae | Abutilon | | sp. | indet | |
| Malvaceae | Corchorus | crozophorifolius | | | |
| Malvaceae | Corchorus | tridens | | | |
| Malvaceae | Hibiscus | burtonii | | | |
| Malvaceae | Hibiscus | sturtii | var. | indet. | |
| Malvaceae | Hibiscus | | sp. | Gardneri (A.L. Payne PRP 1435) | |
| Malvaceae | Hibiscus | | sp. | indet. | |
| Malvaceae | Lawrencia | densiflora | | | |
| Malvaceae | Malvaceae | | sp. | indet. | |
| Malvaceae | Malvastrum | americanum | | | * |
| Malvaceae | Sida | brownii | | | |
| Malvaceae | Sida | fibulifera | | | |
| Malvaceae | Sida | rohlenae | subsp. | rohlenae | |
| Malvaceae | Sida | | sp. | dark green fruits (S. van Leeuwen 2260) | |
| Malvaceae | Sida | | sp. | indet. | |
| Malvaceae | Sida | | sp. | spiciform panicles (E. Leyland s.n. 14/8/90) | |
| Marsileaceae | Marsilea | costulifera | | | |
| Marsileaceae | Marsilea | hirsuta | | | |
| Montiaceae | Calandrinia | ptychosperma | | | |
| Montiaceae | Calandrinia | pumila | | | |
| Montiaceae | Calandrinia | | sp. | indet. | |
| Myrtaceae | Eucalyptus | victrix | | | |
| Nyctaginaceae | Boerhavia | coccinea | | | |
| Phrymaceae | Glossostigma | diandrum | | | |
| Phrymaceae | Mimulus | gracilis | | | |
| Phyllanthaceae | Dendrophyllanthus | erwinii | | | |

| Family | Genus | Species | Rank | Infra Name | Conservation Status |
|---|---|---|---|---|---|
| Phyllanthaceae | Nellica | maderaspatensis | | | |
| Poaceae | Aristida | contorta | | | |
| Poaceae | Bothriochloa | ewartiana | | | |
| Poaceae | Brachyachne | convergens | | | |
| Poaceae | Cenchrus | ciliaris | | | * |
| Poaceae | Cenchrus | setiger | | | * |
| Poaceae | Chloris | pectinata | | | |
| Poaceae | Chrysopogon | fallax | | | |
| Poaceae | Cymbopogon | ambiguus | | | |
| Poaceae | Dactyloctenium | radulans | | | |
| Poaceae | Dichanthium | sericeum | subsp. | humilius | |
| Poaceae | Digitaria | bicornis | | | |
| Poaceae | Digitaria | brownii | | | |
| Poaceae | Digitaria | ctenantha | | | |
| Poaceae | Diplachne | fusca | subsp. | muelleri | |
| Poaceae | Echinochloa | colona | | | * |
| Poaceae | Elytrophorus | spicatus | | | |
| Poaceae | Enneapogon | caerulescens | | | |
| Poaceae | Enneapogon | polyphyllus | | | |
| Poaceae | Enteropogon | ramosus | | | |
| Poaceae | Eragrostis | dielsii | | | |
| Poaceae | Eragrostis | leptocarpa | | | |
| Poaceae | Eragrostis | setifolia | | | |
| Poaceae | Eragrostis | speciosa | | | |
| Poaceae | Eragrostis | tenellula | | | |
| Poaceae | Eragrostis | xerophila | | | |
| Poaceae | Eriachne | aristidea | | | |
| Poaceae | Eriachne | benthamii | | | |
| Poaceae | Eriachne | mucronata | | | |
| Poaceae | Eriachne | pulchella | subsp. | dominii | |
| Poaceae | Leptochloa | digitata | | | |
| Poaceae | Panicum | laevinode | | | |

| Family | Genus | Species | Rank | Infra Name | Conservation Status |
|---|---|---|---|---|---|
| Poaceae | Paspalidium | clementii | | | |
| Poaceae | Poaceae | | sp. | indet. | |
| Poaceae | Setaria | verticillata | | | * |
| Poaceae | Sporobulus | australasicus | | | |
| Poaceae | Tragus | australianus | | | |
| Poaceae | Tripogonella | loliiformis | | | |
| Poaceae | Urochloa | holosericea | | | |
| Polygonaceae | Rumex | vesicarius | | | * |
| Portulacaceae | Portulaca | oleracea | | | |
| Proteaceae | Grevillea | berryana | | | |
| Proteaceae | Hakea | preissii | | | |
| Proteaceae | Hakea | lorea | subsp. | lorea | |
| Pteridaceae | Cheilanthes | brownii | | | |
| Pteridaceae | Cheilanthes | sieberi | | | |
| Rubiaceae | Psydrax | latifolia | | | |
| Rubiaceae | Synaptantha | tillaeacea | var. | tillaeacea | |
| Sapindaceae | Dodonaea | petiolaris | | | |
| Scrophulariaceae | Eremophila | cuneifolia | | | |
| Scrophulariaceae | Eremophila | cuneifolia x phyllopoda | | | |
| Scrophulariaceae | Eremophila | exilifolia | | | |
| Scrophulariaceae | Eremophila | forrestii | subsp. | forrestii | |
| Scrophulariaceae | Eremophila | fraseri | subsp. | fraseri | |
| Scrophulariaceae | Eremophila | latrobei | subsp. | glabra | |
| Scrophulariaceae | Eremophila | latrobei | subsp. | latrobei | |
| Scrophulariaceae | Eremophila | phyllopoda | subsp. | phyllopoda | |
| Solanaceae | Datura | leichhardtii | subsp. | leichhardtii | * |
| Solanaceae | Nicotiana | occidentalis | | | |
| Solanaceae | Solanum | cleistogamum | | | |
| Solanaceae | Solanum | gabrielae | | | |
| Solanaceae | Solanum | lasiophyllum | | | |
| Solanaceae | Solanum | | sp. | indet | |
| Surianaceae | Stylobasium | spathulatum | | | |

| Family | Genus | Species | Rank | Infra Name | Conservation Status |
|---|---|---|---|---|---|
| Violaceae | Afrohybanthus | aurantiacus | | | |
| Zygophyllaceae | Roepera | kochii | | | |
| Zygophyllaceae | Tribulus | astrocarpus | | | |
| Zygophyllaceae | Tribulus | suberosus | | | |

# APPENDIX 9

Location points for significant flora within the study area

| Sampling | Observed | Genus | Species | Rank | Infra Name | No. Plants | % Cover | Height (m) | Easting | Northing |
|---|---|---|---|---|---|---|---|---|---|---|
| Opportunistic | 5/08/2024 | Abutilon | | aff. | lepidum | 5 | + | 0.5 | 369902 | 7353807 |
| Quadrat | 7/08/2024 | Acacia | curryana | | | 1 | 0.5 | 1 | 370059 | 7354058 |
| Quadrat | 6/08/2024 | Acacia | curryana | | | 5 | 2 | 1.5 | 369868 | 7353734 |
| Quadrat | 6/08/2024 | Acacia | curryana | | | 1 | 3 | 1-2.5 | 369979 | 7353647 |
| Quadrat | 5/08/2024 | Acacia | curryana | | | 5 | 4 | 0.5-2 | 369902 | 7353807 |
| Opportunistic | 6/08/2024 | Acacia | curryana | | | 8 | 1 | 2-3 | 370246 | 7355795 |
| Opportunistic | 6/08/2024 | Acacia | curryana | | | 1 | + | 1-2 | 370086 | 7354321 |
| Opportunistic | 6/08/2024 | Acacia | curryana | | | 1 | + | 2 | 370043 | 7353871 |
| Opportunistic | 6/08/2024 | Acacia | curryana | | | 7 | 5 | 1-2 | 369949 | 7353791 |
| Opportunistic | 6/08/2024 | Acacia | curryana | | | 8 | 4 | 1-2 | 369927 | 7353839 |
| Opportunistic | 6/08/2024 | Acacia | curryana | | | 5 | 3 | 1-2 | 369988 | 7353655 |
| Opportunistic | 6/08/2024 | Acacia | curryana | | | 5 | 4 | 1-2 | 370022 | 7353689 |
| Opportunistic | 6/08/2024 | Acacia | curryana | | | 2 | 1 | 1-1.5 | 370055 | 7353742 |
| Opportunistic | 6/08/2024 | Acacia | curryana | | | 8 | 8 | 1-2 | 369868 | 7353708 |
| Opportunistic | 6/08/2024 | Acacia | curryana | | | 4 | 5 | 1-2.5 | 369887 | 7353641 |
| Opportunistic | 6/08/2024 | Acacia | curryana | | | 2 | 1 | 1-2 | 370014 | 7353719 |
| Opportunistic | 6/08/2024 | Acacia | curryana | | | 5 | 2 | 1-2 | 369838 | 7353845 |
| Opportunistic | 6/08/2024 | Acacia | curryana | | | 8 | 3 | 1-2 | 369882 | 7353899 |
| Opportunistic | 6/08/2024 | Acacia | curryana | | | 2 | 1 | 1-2 | 369924 | 7353892 |
| Opportunistic | 6/08/2024 | Acacia | curryana | | | 1 | 1 | 1-2 | 370119 | 7353754 |
| Opportunistic | 6/08/2024 | Acacia | curryana | | | 4 | 2 | 1-2 | 369941 | 7353751 |
| Opportunistic | 6/08/2024 | Acacia | curryana | | | 1 | + | 1-2 | 371017 | 7354109 |
| Opportunistic | 6/08/2024 | Acacia | curryana | | | 1 | + | 1 | 370076 | 7354063 |
| Opportunistic | 6/08/2024 | Acacia | curryana | | | 4 | 1 | 1-2 | 370040 | 7354173 |
| Opportunistic | 11/05/2025 | Acacia | fuscaneura (large phyllode variant) | | | 8 | 1 | 3-9 | 365858 | 7365390 |
| Opportunistic | 11/05/2025 | Acacia | fuscaneura (large phyllode variant) | | | 2 | + | 6.5 | 368729 | 7366804 |
| Opportunistic | 11/05/2025 | Acacia | fuscaneura (large phyllode variant) | | | 10 | 2 | 3.7 | 368993 | 7366867 |
| Opportunistic | 7/08/2024 | Acacia | fuscaneura (large phyllode variant) | | | 40 | 15 | 5-10 | 370396 | 7357972 |
| Opportunistic | 7/08/2024 | Acacia | fuscaneura (large phyllode variant) | | | 10 | 3 | 5-10 | 370393 | 7357935 |

| Sampling | Observed | Genus | Species | Rank | Infra Name | No. Plants | % Cover | Height (m) | Easting | Northing |
|---|---|---|---|---|---|---|---|---|---|---|
| Opportunistic | 7/08/2024 | Acacia | fuscaneura (large phyllode variant) | | | 4 | 2 | 5-10 | 370449 | 7357843 |
| Quadrat | 6/08/2024 | Euphorbia | inappendiculata | var. | inappendiculata | 25 | 1 | 0.05 | 374227 | 7356844 |
| Quadrat | 7/08/2024 | Goodenia | berringbinensis | | | ~150 | 0.5 | 0.05 | 374093 | 7357350 |
| Quadrat | 6/08/2024 | Goodenia | berringbinensis | | | 25 | + | 0.05 | 373952 | 7357169 |
| Quadrat | 6/08/2024 | Goodenia | berringbinensis | | | >100 | 1.5 | 0.1 | 374168 | 7357251 |
| Quadrat | 4/08/2024 | Goodenia | berringbinensis | | | 25 | + | 0.05 | 374377 | 7355392 |
| Quadrat | 4/08/2024 | Goodenia | berringbinensis | | | ~250 | 2 | 0.1 | 374117 | 7357297 |
| Quadrat | 4/08/2024 | Goodenia | berringbinensis | | | 25 | + | 0.03 | 374227 | 7356844 |
| Quadrat | 11/05/2025 | Harnieria | | sp. | Gascoyne (J.P. Bull ONS-2721.04) | ~50 | + | 0.25 | 369570 | 7365068 |
| Quadrat | 3/08/2024 | Harnieria | | sp. | Gascoyne (J.P. Bull ONS-2721.04) | 15 | + | 0.25 | 372878 | 7359362 |
| Quadrat | 7/08/2024 | Swainsona | longipilosa | | | 1 | + | 0.1 | 370059 | 7354058 |
| Opportunistic | 7/08/2024 | Swainsona | longipilosa | | | 1 | + | 0.1 | 374093 | 7357350 |
| Quadrat | 5/08/2024 | Swainsona | longipilosa | | | 1 | + | 0.05 | 369990 | 7355866 |
| Opportunistic | 5/08/2024 | Swainsona | longipilosa | | | 1 | + | 0.1 | 370287 | 7354961 |
| Quadrat | 5/08/2024 | Swainsona | longipilosa | | | 75 | 0.5 | 0.1 | 370104 | 7353854 |
| Quadrat | 5/08/2024 | Swainsona | longipilosa | | | ~100 | 5 | 0.1 | 369902 | 7353807 |
| Opportunistic | 6/08/2024 | Swainsona | longipilosa | | | 1 | + | 0.1 | 370000 | 7353782 |
| Opportunistic | 6/08/2024 | Swainsona | longipilosa | | | 1 | + | 0.1 | 370244 | 7354133 |

# APPENDIX 10

Species by site matrix for the study area

## Quadrats SOM-01 to SOM-25

| Taxon | SOM-01 | SOM-02 | SOM-03 | SOM-04 | SOM-05 | SOM-06 | SOM-07 | SOM-08 | SOM-09 | SOM-10 | SOM-11 | SOM-12 | SOM-13 | SOM-14 | SOM-15 | SOM-16 | SOM-17 | SOM-18 | SOM-19 | SOM-20 | SOM-21 | SOM-22 | SOM-23 | SOM-24 | SOM-25 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Asphodelus fistulosus | x | | | x | | | | | | | | | | | | | | | | x | | | | | |
| *Bidens bipinnata | | | | x | | | | | | | | | | | | | | | | | | | | | |
| *Cenchrus ciliaris | x | | x | x | | | | | | | | | | | | | | | | x | | | | | |
| *Cenchrus setiger | | | | | | | | | | | | | | | | | | | | | | | | | |
| *Cenchrus setiger | | | x | x | | | | x | | | | | | | | | | | | x | | | | | |
| *Datura leichhardtii subsp. leichhardtii | | | | x | | | | | | | | | | | | | | | | | | | | | |
| *Malvastrum americanum | | | | | | | | | | | | | | | | | | | | | | | | | |
| *Rumex vesicarius | | | | x | | | | | | | | | | | | | | | | | | | | | |
| *Setaria verticillata | | | | | | | | | | | | | | | | x | | | | | | | | | |
| *Vachellia farnesiana | | | | | | | | | | | | | | | x | | | | | | | | | | |
| Abutilon aff. lepidum | | | | | | | | | | | | | | | | | | | | | | | | | |
| Abutilon amplum | | | | x | | | | | | | | | | | | | | | | | | | | | |
| Abutilon fraseri | x | | | | | | | | | | | | | | | | | | | x | | | | | |
| Abutilon malvifolium | | | | | | | | | | | | | | | | | | | | | | | | | |
| Abutilon oxycarpum subsp. Prostrate | | | | | | | | | | | | | | | | | | | | | | | | | |
| Abutilon sp. indet | | | | | | x | | | | | | | | | | | | | | | | | | | |
| Abutilon sp. indet. | | | | | | | | | | x | | | | | | | | | | | | | | | |
| Acacia aneura | | | | | | | | | | | | | | | | | | | | | | | | | |
| Acacia aptaneura | x | | | | | | | | | | | | | | | | | | | | | | | | |
| Acacia cf. aneura | | | | | | | | | | | | | | | | | | | | | | | | | |
| Acacia cf. sibirica | | | | | | x | | | | | | | | | | | | | | | | | | | |
| Acacia citrinoviridis | | | x | x | | | | | | | | | | | | | | | | | | | | | |
| Acacia coriacea | | | | | | | | | | | | | | | | | | | | | | | | | |
| Acacia curryana | | | | | | | | | | | | | | | | | | | x | | | | | | |
| Acacia cuthbertsonii | | | x | | x | x | | x | x | | x | | | x | x | | | | | x | | x | | | x |
| Acacia fuscaneura | | | | | | | | | | | | | | | | | | | | | | | | | |
| Acacia fuscaneura - pteraneura complex | | | | | | | | | | | | | | | x | | | | | | | | | | x |
| Acacia fuscaneura (large phyllode variant) | | | | | | | | | | | | | | | | | | | | | | | | | x |
| Acacia kempeana | | x | | | | | | | | | | | | | | | | | | | | | | | |
| Acacia macraneura | | | | | | | | | | | x | | | x | | | | | | x | | | | | |
| Acacia mulganeura | | | | | | | | | | | | | | | | | | | | | | | | | |
| Acacia pruinocarpa | | | | | | x | | | | | | | | | | | | | | | | | | | |
| Acacia pyrifolia var. pyrifolia | | | | | | | | | | | | | | | | | | | | | | | | | |
| Acacia sclerosperma subsp. sclerosperma | | | | | | | | | | | | | | | x | | | | | | | | | | |
| Acacia sp. Mulga Paraburdoo | | | | | | | | | | | | | | | | | | | | | | | | | |
| Acacia subtessarogona | | | x | | | x | | | | | | | | | | | | | | x | | | | | x |
| Acacia synchronicia | | | x | | x | | | x | x | | x | x | x | x | x | x | | x | | | | | | | |
| Acacia tetragonophylla | x | x | x | | x | x | x | x | | x | | | x | x | x | | | | x | x | x | x | | x | x |
| Acacia xiphophylla | | | | | | | | | | | x | x | x | x | | x | | x | | x | | | | | |
| Aeschynomene indica | | | | | | | | | | | | | | | x | | | | | | | | | | |
| Afrohybanthus aurantiacus | x | | | | | | | | | | | | | | | | | | | | | | | | |
| Alternanthera nana | | | | x | | | | | | | | | | | | | | | | | | | | | |
| Alternanthera nodiflora | | | | x | | | | | | | | | | | x | | | | | | | | | | |
| Amaranthus cuspidifolius | x | | | | | | | | | | | | | | | x | | | | | | | | | |
| Amaranthus sp. indet. | x | | | | | | | | | | | | | | | | | | | | | | | | |
| Amyema fitzgeraldii | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aristida contorta | x | x | x | | x | x | x | x | x | x | | x | | x | | | x | | x | x | x | x | x | x | x |
| Arivela viscosa | | | | x | | | | | | | | | | | | | | | | x | | | | | |
| Asteraceae sp. indet. | | | x | | | | | | | x | | | | x | | | | | x | | | | x | | |
| Atriplex codonocapra | | | | | | | | | | | | | | | | | | | | | | | | | |
| Atriplex semilunaris | | | | | | | | | | | | | | | | | | | | | | | | | |
| Atriplex sp. indet. | | | | | | | | x | | | | | | | | | | | | | | | | | |
| Boerhavia coccinea | | | | | | | | | | | | | | | | | | | | x | | | x | | |
| Bonamia cf. pilbarensis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bonamia pannosa | | | | | | | | | | | | | | | | | | | | | | | | | |

| Taxon | SOM-01 | SOM-02 | SOM-03 | SOM-04 | SOM-05 | SOM-06 | SOM-07 | SOM-08 | SOM-09 | SOM-10 | SOM-11 | SOM-12 | SOM-13 | SOM-14 | SOM-15 | SOM-16 | SOM-17 | SOM-18 | SOM-19 | SOM-20 | SOM-21 | SOM-22 | SOM-23 | SOM-24 | SOM-25 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bothriochloa ewartiana | | | | x | | | | | | | | | | | | | | | | | | | | | |
| Brachyachne convergens | | | | | | | | x | | | | | | | | | | | | | | | | | |
| Brachyscome sp. indet | x | | x | | | x | | | | | | | | | | | | | | | | | | | x |
| Bulbine pendula | | | | | | | | | | | | | | | x | | | | | | | | | | |
| Calandrinia ptychosperma | | | | | | | | x | | | | | | | | | | | | | | | | | |
| Calandrinia pumila | | | | | | | | x | | | | | | x | | | | | | | | | | | |
| Calandrinia sp. indet | | | | | | | | | | | | | | x | | | | | | | | | | | |
| Calocephalus cf. francisii | x | | | | | x | | | | | | | | | | | | | | | | x | | x | x |
| Calocephalus cf. knappii | | | x | | | | | x | | | | | | | | | | | | | | | | | |
| Calotis hispidula | | | | | | | | x | | | | | | x | | | | | | | | | | | |
| Calotis plumulifera | x | | x | x | | | | x | | | | | | x | x | x | | | | | | | | | |
| Centipeda minima subsp. macrocephala | | | | | | | | | | | | | | | x | x | | | | | | | | | |
| Centipeda sp. indet. | | | | | | | | | | | | | | | | | | | | | | | | | |
| Centipeda thespidioides | | | | x | | | | | | | | | | | | | | | | | | | | | |
| Cheilanthes brownii | x | | | | | | | | | | | | | | | | | | | | | | | | |
| Cheilanthes sieberi | | | | x | | | | | | | | | | | | | | | | | | | | | |
| Chenopodium auricomum | | | | | | x | | | | | | | | | x | | | | | | | | | | |
| Chloris pectinata | | | | | | | | x | | | | | | | | x | | | | | | | | | |
| Chrysopogon fallax | | | | | | | | | | | | | | | | | | | | | | | | | |
| Citrullus colocynthis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Convolvulus clementii | x | | | x | | x | | x | | | | | | x | | | | | | x | | | | | |
| Corchorus crozophorifolius | | | x | | | | | | | | | | | | | | | | | | | | | | |
| Corchorus tridens | | | | | | | | | | | | | | | | x | | | | | | | | | |
| Crotolaria medicaginea var. neglecta | x | | | | | x | | | | | | | | | | | | | | | | | | | |
| Cucumis melo | | | | | | | | | | | | | | x | | | | | | | | | | | |
| Cucumis variabilis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cullen graveolens | | | | | | | | | | | | | | x | x | | | | | | | | | | |
| Cymbopogon ambiguus | x | | x | x | | | | | | | | | | | | | | | | | | | | | x |
| Cyperus concinnus | | | | | | | | | | | | | | | x | | | | | | | | | | |
| Cyperus iria | | | | | | | | x | | | | | | x | | x | | | | | | | | | |
| Dactyloctenium radulans | | | | | | | | | | | | | | | | x | | | | | | | | | |
| Dendrophyllanthus erwinii | x | | x | x | | x | x | | | | | | | | | | | | | x | | | | x | x |
| Dichanthium sericeum subsp. humilius | | | | | | | | x | | | | | | x | | x | | | | | | | | | |
| Digitaria brownii | | | | | | x | | | | | | | | | | | | | | x | | | | | x |
| Diplachne fusca subsp. muelleri | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dipteracanthus australasicus subsp. australasicus | | | | x | | | | | | | | | | | | | | | | | | | | | |
| Dodonaea petiolaris | | | | | | x | | | | | | | | | | | | | | | | | | | |
| Duperreya commixta | | | x | x | | | | | | | | | | | | x | | | | | | | | | |
| Dysphania melanocarpa | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dysphania rhadinostachya | x | | x | x | | x | | | | | | | | x | x | x | | | | x | | x | x | x | x |
| Dysphania sp. indet | | | | | | | | x | | | | | | | | | | | | | | | | | |
| Echinochloa colona | | | | | | | | | | | | | | | x | | | | | | | | | | |
| Eleocharis pallens | | | | | | | | | | | | | | | | | | | | | | | | | |
| Elytrophorus spicatus | | | | | | | | | | | | | | | | | | | | | | | | | |
| Enchylaena tomentosa | | | x | | | | | x | | | | | | x | | x | | x | | | | | | | |
| Enneapogon caerulescens | | | | | | | | | | | x | | | | | | | | | x | | | x | | |
| Enneapogon polyphyllus | | | | | | | | | | | | | | | | | | | | | | | | | |
| Enteropogon ramosus | | | | | | | | | | | | | x | | | | | | | | | | | | |
| Eragrostis leptocarpa | | | | | | | | x | | | | | | x | | x | | | | | | | | | |
| Eragrostis setifolia | | | | | | | | | | | | | | x | | | | | | | | | | | |
| Eragrostis speciosa | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eragrostis tenellula | | | | | | | | | | | | | | | | x | | | | | | | | | |
| Eragrostis xerophila | | | | | | | | x | | | | | | x | | x | | | | | | | | | |
| Eremophea spinosa | | | | | | | | | | x | x | | | | | | | x | | | | | | | |
| Eremophila cuneifolia | | | | | x | | | x | x | x | x | x | x | x | | x | x | x | | | x | x | x | | |
| Eremophila cuneifolia x phyllopoda | | | | | | | | | | | | | | | | | | | | | | | | x | |
| Eremophila exilifolia | | | | | | | | | | | | | | | | | | | x | | | | | x | |

| Taxon | SOM-01 | SOM-02 | SOM-03 | SOM-04 | SOM-05 | SOM-06 | SOM-07 | SOM-08 | SOM-09 | SOM-10 | SOM-11 | SOM-12 | SOM-13 | SOM-14 | SOM-15 | SOM-16 | SOM-17 | SOM-18 | SOM-19 | SOM-20 | SOM-21 | SOM-22 | SOM-23 | SOM-24 | SOM-25 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eremophila forrestii subsp. forrestii | | | | | | | | | | | | | | | | | | | | | | | | | x |
| Eremophila fraseri | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eremophila fraseri subsp. fraseri | | | | | | | | | | | | | | | | | | | x | x | | | x | x | |
| Eremophila latrobei subsp. glabra | x | | | | | x | | | | | | | | | | | | | | | | | | | |
| Eremophila latrobei subsp. latrobei | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eremophila phyllopoda subsp. phyllopoda | | x | x | | | x | x | | | | | | | x | | | | | x | x | x | x | | x | x |
| Eriachne aristidea | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eriachne benthamii | | | | | | | | x | | | | | | x | x | x | | | | | | | | | |
| Eriachne mucronata | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eriachne pulchella subsp. dominii | | | | | | | | | x | x | | | | | | | | | | | | | x | | |
| Erodium cygnorum | | | | | | | | x | | | | | | | | | | | | x | x | | x | x | |
| Eucalyptus victrix | | | | x | | | | | | | | | | | | | | | | | | | | | |
| Euphorbia australis var. subtomentosa | | | x | x | | | | | | | | | | | | | | | | x | | | | | |
| Euphorbia biconvexa | | | | x | | | | | | | | | | | | | | | | x | | | | | |
| Euphorbia boophthona | | | | | | | | x | x | | | | x | | | | | | | x | | x | | | |
| Euphorbia inappendiculata var. inappendiculata | | | | | | | | | | | | | | x | | | | | | | | | | | |
| Euphorbia porcata | | | | | | | | | | | | | | | | | | | | | | x | x | | |
| Euploca cunninghamii | | | x | | | | | | | | | | | | | | | | | x | | | | | |
| Euploca heterantha | | | | | | | | | | | | | | | | | | | | x | | | | | |
| Euploca inexplicita | | | | | | | | | | | | | | | | | | | | | | | | | |
| Evolvulus alsinoides var. villosicalyx | | | | | | | | | | | | | | | | | | | | | | | | | |
| Glossostigma diandrum | | | | | | | | | | | | | | | x | | | | | | | | | | |
| Glycine canescens | x | | | | | | | | | | | | | | | | | | | | | | | | |
| Gomphrena cunninghamii | x | | | | | | | | | | | | | | | | | | | | | | | | |
| Gomphrena kanisii | | | | | | | | | | | | | | | | | | | | | | | | | |
| Goodenia aff. pinnatifida | | | | | | | | | | | | | | x | | | | | | | | | | | |
| Goodenia berringbinensis | | | | | | | | | | | | | | x | x | x | | | | | | | | | |
| Goodenia forrestii | | | | x | | x | | | | | x | | | | | | | | x | x | | | | | |
| Goodenia sp. indet. | | | | | | | | | | | | | | x | | | | | | | | | | | |
| Goodenia tenuiloba | | | x | | | x | | | x | | | | | x | | | | | | x | x | x | | x | x |
| Grevillea berryana | x | x | | | | x | x | | | | | | | | | | | | | | | | | | |
| Hakea lorea subsp. lorea | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hakea preissii | | | | | | | | | x | x | x | x | x | | | | | | | | | | | | |
| Haloragis maierae | | | x | | | | | x | | | | | | x | x | x | | | | | | | | | x |
| Harnieria sp. Gascoyne | | | | x | | | | | | | | | | | | | | | | | | | | | |
| Hibiscus sp. Gardneri | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hibiscus sp. indet. | | | | | | | | | | | | | | | | | | | x | | | | | | |
| Hibiscus sturtii var. indet. | | | x | | | | | | | | | | | | | | | | | | | | | | |
| Indigofera colutea | | | | | | | | | | | x | | | | | | | | | x | | | | | |
| Indigofera decipiens | | | | | | x | | | | | | | | | | | | | | x | | | | | |
| Indigofera monophylla | | | | x | | | | | | | | | | | | | | | | | | | | | |
| Ipomoaea muelleri | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lawrencia densiflora | | | | | | | | | | | | | | | | | | x | | | | | | | |
| Leichhardtia australis | x | | | | | x | | | x | | x | | | | | | | x | x | x | | | | | |
| Lepidium oxytrichum | x | | x | x | | x | | | | | | | | | x | | | | | x | | | | | x |
| Lepidium pholidogynum | | | | | | | | | | | | | | | | | | x | | x | | | | | |
| Lepidium platypetalum | | | | | | | | | | | | x | | | | | | | | | | | | | |
| Lepidium sp. indet | | | | | | | | | | | | | | | | | | | | | | | | | |
| Leptochloa digitata | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lobelia heterophylla subsp. pilbarensis | x | | | | | | | | | | | | | | | | | | | | | | | | |
| Lotus cruentus | | | | | | | | x | | | | | | x | x | x | | | | | | | | | x |
| Maireana cf. villosa | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maireana georgei | | | | | | | | | | | x | | | | | | x | | | | | x | | | |
| Maireana melanocoma | | | | | | | | | | | | x | | | | | | | | | | | | | |
| Maireana planifolia | | | x | | | | | | x | | | | | | | | | | x | x | | | | | |
| Maireana sp. indet. | | | | | | x | | | | | | x | x | | | | | | | | | | | | |
| Maireana tomentosa | | | | | x | | | | | | x | x | | | | | | x | | | | | | | |

| Taxon | SOM-01 | SOM-02 | SOM-03 | SOM-04 | SOM-05 | SOM-06 | SOM-07 | SOM-08 | SOM-09 | SOM-10 | SOM-11 | SOM-12 | SOM-13 | SOM-14 | SOM-15 | SOM-16 | SOM-17 | SOM-18 | SOM-19 | SOM-20 | SOM-21 | SOM-22 | SOM-23 | SOM-24 | SOM-25 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Maireana triptera | | | | | | | | | | | | | | | | | x | | | | | | | | |
| Malvaceae sp. indet. | | | | | x | | | | | | | | | x | | | | | | | | | | | |
| Malvastrum americanum | | | | x | | | | | | | | | | | | x | | | | | | | | | |
| Marsilea hirsuta | | | | x | | | | | | | | | | x | | x | | | | | | | | | |
| Mimulus gracilis | | | | | | | | | | | | | | | x | | | | | | | | | | |
| Nellica maderaspatensis | | | | | | | | | | | | | | | | x | | | | | | | | | |
| Nicotiana occidentalis | x | | | x | | | | | | | | | | x | x | x | | | | x | | | | | x |
| Operculina aequisepala | | | | | | | | x | | | | | | x | x | | | | | | | | | | |
| Panicum laevinode | | | | | | | | | | | | | | | | | | | | | | | | | |
| Paspalidium clementii | x | x | x | | | x | x | | | | | | | | | | | | | x | | | | | x |
| Pluchea dentex | | | | x | | | | | | | | | | | | | | | | | | | | | |
| Poaceae sp. indet. | | | | | x | | x | | | | | | | | | | | | | | | | | | x |
| Polycarpaea longiflora | x | | x | | | | | | | | | | | | | | | | | | | | | | |
| Portulaca oleracea | x | | x | x | | x | | x | | | | x | | x | | | | | | x | | x | x | x | |
| Psydrax latifolia | x | x | | | | x | | | | | | | | | | | | | | | | | | | |
| Pterocaulon sphacelatum | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ptilotus aervoides | | | | | | | | x | | | | | | x | | | | | | x | | | x | | |
| Ptilotus exaltatus | x | | | | | | | | x | x | | x | | | | | | | | | | | | | x |
| Ptilotus gomphrenoides | | | | | | | | x | | | | | | x | x | x | | | | | | | | | |
| Ptilotus helipteroides | | | | | | | | | | | | | | | | | | | | | | x | x | | |
| Ptilotus obovatus | x | x | x | | x | x | x | x | x | x | x | | | | | x | x | x | x | x | x | | | | x |
| Ptilotus polystachyus | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rhagodia eremaea | | | | | | | | | | | x | | | x | | x | | x | | | | | | | |
| Rhodanthe floribunda | | | | | | | | x | | | | | | x | x | | | | | | | | | | |
| Rhodanthe maryonii | x | | | | | | | | | | | | | | | | | | | | | | | | |
| Rhodanthe stricta | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rhynchosia minima | | | | | | | | x | | | | | | x | | | | | | x | | | | | |
| Roepera kochii | | | x | | x | | | x | | | x | | x | | | | | x | | x | | | | | |
| salsola australis | | | x | | | | | x | | | | x | x | x | x | | | | | x | | x | | | |
| Scaevola spinescens | x | | | | | | | | | | | x | | x | x | x | | | | x | | | | | x |
| Scaevola tomentosa | | | | | | | | | | | x | | | | | | | | | | | | | | |
| Schoenoplectiella dissachantha | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sclerolaena costata | | | | | | | | | x | | x | | | | | | | | | x | | | | | |
| Sclerolaena cuneata | | | | | | | | | | | | x | | | | | | | | | | | | | |
| Sclerolaena sp. indet. | | | | | x | | | x | | x | | | | | | | | | | | | | | | |
| Senna artemisioides subsp. helmsii | | | x | | x | | | | x | | | | | | | x | x | x | x | x | x | x | | x | x |
| Senna artemisioides subsp. oligophylla | | | | | | | | x | x | x | x | | x | x | x | | | x | | | | | | | x |
| Senna glaucifolia | | | | | | | | | | | | | | | | | | | | | | | | x | |
| Senna glutinosa subsp. glutinosa | x | | | | | | | | | | | | | | | | | | | | | | | | |
| Senna glutinosa subsp. ×luerssenii | | x | x | | x | x | x | | x | x | | x | x | | | | x | | x | x | | | | x | x |
| Senna sp. Meekatharra | | | | | | | | | | | x | | | | | x | | | | | | x | x | | |
| Senna stricta | | | | | | | | | x | | | x | | | | | | x | | | | | | | |
| Sida brownii | | | | | | | | | | | | | | | | | | | | | | | | x | |
| Sida fibulifera | | | | | | | | x | | | | | | x | | x | | | | | | | | | |
| Sida sp. dark green fruits | | | | | | | | | | | | | x | | | | | | | | | | | | |
| Sida sp. indet. | | | | | | | | | | | | | | x | | | | | | | | | | | |
| Sida sp. spiciform panicles | | | | | | | | | | | | | | | | | | | | | | | | | |
| Solanum cleistogamum | | | | | | | | | | | | | | | | | | | | | | | | | |
| Solanum gabrielae | | | | | | | | | | | | | | | | | | | | | | | | | |
| Solanum lasiophyllum | | | | | | | | x | | | | | x | x | | x | x | | x | | x | x | | x | |
| Solanum sp. indet | | | | | | x | | | | | | | | | | | | | | | | | | | |
| Sporobulus australasicus | | | | | | | | x | | | | | | | | | | | | | | | | | |
| Stackhousia muricata subsp. annual | | | | | | | | | | | | | | | | | | | | x | | | | | |
| Stenopetalum anfractum | | x | | | | x | | | | | | | | | | | | | | | x | x | x | x | x |
| Streptoglossa bubakii | | | | | | | | x | | | | | | x | x | x | | | | | | | | | |
| Streptoglossa decurrens | | | | | | | | | | | | | | | | | | | | | | | | | |
| Streptoglossa sp. indet. | | | x | | | | | | | | | | | | | | | | | x | | | | | |

| Taxon | SOM-01 | SOM-02 | SOM-03 | SOM-04 | SOM-05 | SOM-06 | SOM-07 | SOM-08 | SOM-09 | SOM-10 | SOM-11 | SOM-12 | SOM-13 | SOM-14 | SOM-15 | SOM-16 | SOM-17 | SOM-18 | SOM-19 | SOM-20 | SOM-21 | SOM-22 | SOM-23 | SOM-24 | SOM-25 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Streptoglossa tenuiflora | | | | | | | | | | | | | | | | x | | | | | | | | | |
| Stylobasium spathulatum | | | | | | | | | | | | | | | | | | | | | | | | | |
| Swainsona incei | x | | | x | x | | | | | | | | | | | | | x | | | | | | | x |
| Swainsona longipilosa | | | | | | | | | | | | | | | | | | | x | x | | | x | | |
| Swainsona pterostylis | | | | | | | | x | | | | | | x | | | | | | | | | | | |
| Swainsona rotunda | | | x | | | | | | | | | | | | | | | | x | x | | | | | |
| Synaptantha tillaeacea var. tillaeacea | | | | | | | | x | | | | | | x | | | | | | | | | | | |
| Tephrosia densa | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tephrosia rosea var. Fortescue creeks | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tephrosia sp. clay soils | | | | | | | | | | | | | | | | | | | | x | | | | | |
| Tephrosia sp. NW Eremaean | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tephrosia supina | | | | | | | | | | | | | | | | | | | | | | | | | |
| Teucrium teucriiflorum | | | | | | x | | | | | | | | | | | | | | | | | | | |
| Thysanotus speckii | | | | | | | | | | | | | | | | | | | | | | x | | | |
| Trachymene pilbarensis | x | x | x | x | | x | x | | | | | | | | | | | | | x | | | | | |
| Tragus australianus | | | x | | | | | x | | | | | | | | | | | | x | | | | | |
| Trianthema triquetrum | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tribulus astrocarpus | | | | | | | | x | | | | | | | | x | | | | | | | x | | |
| Tribulus suberosus | x | x | | | | | x | | | | | | | | | | | | | | | | | | |
| Trichodesma zeylanium subsp. zeylanium | x | | x | x | x | x | | | | | | | | | | | | | | x | | | | | x |
| Tripogonella loliiformis | | | | | | | | | | | | | | | | | | | | | | | x | | |
| Urochloa holosericea | | | | | | | | | | | | | | x | | | | | | | | | | | |
| Wahlenbergia tumidifructa | | | | x | | | | x | | | | | | | | x | | | | | | | | | |
| Wurmbea inflata | | | | | | | | | | | | | | | | | | | | | | x | x | | |

## Quadrats SOM-26 toSA-08

| Taxon | SOM-26 | SOM-27 | SOM-28 | SOM-29 | SOM-30 | SOM-31 | SOM-32 | SOM-33 | SOM-34 | SOM-35 | SOM-36 | SOM-37 | SOM-38 | SOM-39 | SOM-40 | SOM-41 | SOM-42 | SOM-43 | SA-01 | SA-02 | SA-03 | SA-04 | SA-05 | SA-06 | SA-07 | SA-08 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Asphodelus fistulosus | | x | | | | | | | | | | | | | | | | | | | | | | | | |
| *Bidens bipinnata | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *Cenchrus ciliaris | | x | x | | x | | x | | | | x | | | | | x | | | x | | | x | | | | x |
| *Cenchrus setiger | | | | | | | | | | | | | | | | | | | | | | | | | | x |
| *Cenchrus setiger | | x | x | | x | | x | | | | x | | | | | | | | | | | | | | | |
| *Datura leichhardtii subsp. leichhardtii | | | x | | | | | | | | | x | | | | | | | | | | | | | | |
| *Malvastrum americanum | | | | | | | | | | | | | | | | | | | x | | | | | | | |
| *Rumex vesicarius | | | | | | | | | | | x | | | | | | | | | | | | | | | |
| *Setaria verticillata | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *Vachellia farnesiana | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Abutilon aff. lepidum | | | | | | | | x | x | | | | | | | | | | | | | | | | | |
| Abutilon amplum | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Abutilon fraseri | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Abutilon malvifolium | | | | | | | | | | | | x | x | | | | | | | | | | | | | |
| Abutilon oxycarpum subsp. Prostrate | | | | | | | | | | | | | x | | | | | | | | | | | | | |
| Abutilon sp. indet | | | | | | | | | | | | | | | | x | | | x | | | | | | | |
| Abutilon sp. indet. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Acacia aneura | | | | | x | | | | | | | | | | | | | | | | | | | | | |
| Acacia aptaneura | | | | | | | | | | | | | | | | | | | | | | | | | x | |
| Acacia cf. aneura | | | | | | | | | | | | | | | | | x | | | | | | | | | |
| Acacia cf. sibirica | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Acacia citrinoviridis | | x | | | | | | | | | x | | | | | | | | x | | | | | | | x |
| Acacia coriacea | | | | | | | | | | | | | | | | | | | | | | | | | | x |
| Acacia curryana | | | | | | | | | | | | | | x | x | | | x | | | | | | | | |
| Acacia cuthbertsonii | | | x | | x | | x | | | | x | | | | | | | | x | | | | | x | x | x |
| Acacia fuscaneura | | | | | | | | | | | | | | | | | | | | | | | | x | x | |
| Acacia fuscaneura - pteraneura complex | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Acacia fuscaneura (large phyllode variant) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Acacia kempeana | | | | | | | | x | x | | | | | | | | | | | | | | x | | x | |
| Acacia macraneura | | | | | x | | | | | | | | | | | | | | | | | | | | | x |
| Acacia mulganeura | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Acacia pruinocarpa | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Acacia pyrifolia var. pyrifolia | | x | | | | | | | | | x | | | | | | | | | | | | | | | |
| Acacia sclerosperma subsp. sclerosperma | | | x | | x | | x | | | | | | x | | | | | | | | | | | | | x |
| Acacia sp. Mulga Paraburdoo | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Acacia subtessarogona | | | x | | x | | x | | | x | | | | | | | x | | x | | | | | | | |
| Acacia synchronicia | x | | x | x | | | x | | | | x | x | x | | | x | | | x | | x | x | x | | | |
| Acacia tetragonophylla | x | | | | x | x | x | x | | x | | | x | | | x | x | x | x | x | x | x | x | x | x | x |
| Acacia xiphophylla | | | | x | | | | | | | | | | | | x | | | | | x | x | | | | |
| Aeschynomene indica | | | | | | | | | | | | x | x | | | | x | | | | | | | | | |
| Afrohybanthus aurantiacus | | x | | | | | | | | | x | | | | | | | | | | | | | | | |
| Alternanthera nana | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Alternanthera nodiflora | | | | | | | | | | | | x | x | | | | x | | | | | | | | | |
| Amaranthus cuspidifolius | | | | | | | | | x | | | | | | | | | | | | | | | | | |
| Amaranthus sp. indet. | | | | | | | | | | | | | | | | | | | x | | | | | | | |
| Amyema fitzgeraldii | | | x | | | | | | | | | | | | | | | | | | | | | | | |
| Aristida contorta | | | | | | x | | x | x | x | | | | | x | | | x | x | x | | | x | x | x | |
| Arivela viscosa | | x | | | | | | x | | | x | | | | | | | | x | | | | | | | |
| Asteraceae sp. indet. | x | | | | x | | | | | | | | | | | | x | | | | | | | | | |
| Atriplex codonocapra | | | | | | | | | | | | | | | | | | | | | | x | | | | |
| Atriplex semilunaris | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Atriplex sp. indet. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Boerhavia coccinea | | | x | | | | | | | | | | | | | | | | x | | | | | | | |
| Bonamia cf. pilbarensis | | | | | | | | x | | | | | | | | | | | x | | | | | | | |
| Bonamia pannosa | | x | | | | | | | | | | | | | | | | | | | | | | | | |

| Taxon | SOM-26 | SOM-27 | SOM-28 | SOM-29 | SOM-30 | SOM-31 | SOM-32 | SOM-33 | SOM-34 | SOM-35 | SOM-36 | SOM-37 | SOM-38 | SOM-39 | SOM-40 | SOM-41 | SOM-42 | SOM-43 | SA-01 | SA-02 | SA-03 | SA-04 | SA-05 | SA-06 | SA-07 | SA-08 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bothriochloa ewartiana | | x | | | | | | | | | | | | | | | | | | | | | | | | |
| Brachyachne convergens | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Brachyscome sp. indet | | x | x | | | | x | | | | | | | | | | x | | | | | | | | | |
| Bulbine pendula | | | | | | | | | | | | x | | | | | | | | | | | | | | |
| Calandrinia ptychosperma | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Calandrinia pumila | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Calandrinia sp. indet | | | | | x | | x | | | | | | | | | | | | | | | | | | | |
| Calocephalus cf. francisii | | | | | x | | x | | x | | x | | | | | | | | | | | | | | | |
| Calocephalus cf. knappii | | | | | | | x | | | | | | | | | | | | | | | | | | | |
| Calotis hispidula | | | | | | | | | x | | | | | | | | | | | | | | | | | |
| Calotis plumulifera | | x | x | | x | | x | | | | x | | x | | | | x | | | | | | | | | |
| Centipeda minima subsp. macrocephala | | | | | | | | | | | | x | | | | | | | | | | | | | | |
| Centipeda sp. indet. | | | | | | | | | | | | x | | | | | x | | | | | | | | | |
| Centipeda thespidioides | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cheilanthes brownii | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cheilanthes sieberi | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chenopodium auricomum | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chloris pectinata | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chrysopogon fallax | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Citrullus colocynthis | | | | | | | | | | | | x | | | | | | | | | | | | | | |
| Convolvulus clementii | | x | x | | | | | | | | x | | | | | | x | | | | | | | | | |
| Corchorus crozophorifolius | | x | | | | | | | | | | | | | | | | | | x | | | | | | |
| Corchorus tridens | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Crotolaria medicaginea var. neglecta | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cucumis melo | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cucumis variabilis | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cullen graveolens | | | | | | | | | | | | x | x | | | | x | | | | | | | | | |
| Cymbopogon ambiguus | | x | | | | | | | | | x | | | | | | | | | | | | | | | |
| Cyperus concinnus | | | | | | | | | | | | x | | | | | | | | | | | | | | |
| Cyperus iria | | | | | | | | | | | | x | | | | | x | | | | | | | | | |
| Dactyloctenium radulans | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dendrophyllanthus erwinii | | | | | | | | x | x | | | | | | | | | | | | | | | | | |
| Dichanthium sericeum subsp. humilius | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Digitaria brownii | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Diplachne fusca subsp. muelleri | | | | | | | | | | | | | x | | | | | | | | | | | | | |
| Dipteracanthus australasicus subsp. australasicus | | | | | | | | | | | x | | | | | | | | | | | | | | | |
| Dodonaea petiolaris | | | | | | | | x | | | | | | | | | | | | | | | | | | |
| Duperreya commixta | | x | | | | | | | | | x | | | | | x | | | | | | | | | | |
| Dysphania melanocarpa | | | | | | | x | | | | | x | x | | | | | | | | | | | | | |
| Dysphania rhadinostachya | | x | x | | x | | | x | x | | x | | | | | | x | | | | | | | | | |
| Dysphania sp. indet | | | x | | | | | | | | x | | | | | | | | | | | | | | | |
| Echinochloa colona | | | | | | | | | | | | x | | | | | | | | | | | | | | |
| Eleocharis pallens | | | | | | | | | | | | x | | | | | | | | | | | | | | |
| Elytrophorus spicatus | | | | | | | | | | | | | | | | | x | | | | | | | | | |
| Enchylaena tomentosa | | | x | | | | | | | | | | | | | | | | x | | | | | | | |
| Enneapogon caerulescens | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Enneapogon polyphyllus | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Enteropogon ramosus | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eragrostis leptocarpa | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eragrostis setifolia | | | | | | | | | | | | | | | | | x | | | | | | | | | |
| Eragrostis speciosa | | | | | | | | | | | | | x | | | | | | | | | | | | | |
| Eragrostis tenellula | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eragrostis xerophila | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eremophea spinosa | x | | | x | | | | | | | | | | | | | | | | | x | | | | | |
| Eremophila cuneifolia | x | | | x | | | x | | | | | | | x | | x | | | | x | x | x | | | | |
| Eremophila cuneifolia x phyllopoda | | | | | | | | | | | | | | | | | | x | | | | | | | | |
| Eremophila exilifolia | | | | | | | | | | | | | | x | x | | | | | | | | x | | x | |

| Taxon | SOM-26 | SOM-27 | SOM-28 | SOM-29 | SOM-30 | SOM-31 | SOM-32 | SOM-33 | SOM-34 | SOM-35 | SOM-36 | SOM-37 | SOM-38 | SOM-39 | SOM-40 | SOM-41 | SOM-42 | SOM-43 | SA-01 | SA-02 | SA-03 | SA-04 | SA-05 | SA-06 | SA-07 | SA-08 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eremophila forrestii subsp. forrestii | | | | | | x | | | | | | | | | | | | | | | x | | | | | |
| Eremophila fraseri | | | | | | | | | | | | | | | | | | | | | | | x | x | x | |
| Eremophila fraseri subsp. fraseri | | | | | | | | | | | | | | | | | | x | | | | | | | | |
| Eremophila latrobei subsp. glabra | | | | | | | | x | | | | | | | | | | | | | | | | | | |
| Eremophila latrobei subsp. latrobei | | | | | | | | | | | | | | | | | | | | x | | | | | | |
| Eremophila phyllopoda subsp. phyllopoda | | | | | x | x | | x | x | x | | | | x | x | x | | x | | x | | | | x | x | |
| Eriachne aristidea | | | | | | | | | | | | | | | | | | x | | | | | | | | |
| Eriachne benthamii | | | | | | | | | | | | x | x | | | | x | | | | | | | | | |
| Eriachne mucronata | | | | | | | | | x | | | | | | | | | | | | | | x | | | |
| Eriachne pulchella subsp. dominii | | | | | | | | x | | | | | | | x | | | | | | | | | | | |
| Erodium cygnorum | | | x | | | | | | | | | | | | | | | | | | | | | | | |
| Eucalyptus victrix | | x | | | | | | | | | x | | | | | | | | | | | | | | x | |
| Euphorbia australis var. subtomentosa | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Euphorbia biconvexa | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Euphorbia boophthona | | | | | x | | | | | | | | | | | | | | | | | | | | | |
| Euphorbia inappendiculata var. inappendiculata | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Euphorbia porcata | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Euploca cunninghamii | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Euploca heterantha | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Euploca inexplicita | | | | | | | | | | | | | | | | | | | | x | | | | | | |
| Evolvulus alsinoides var. villosicalyx | | | | | | | | | | | | | | | | | | | x | | | | | | | |
| Glossostigma diandrum | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Glycine canescens | | | | | | | | | | | | | | | | | | | x | | | | | | | |
| Gomphrena cunninghamii | | | | | | | | | x | | | | | | | | | | | | | | | | | |
| Gomphrena kanisii | | | | | | | | x | | | | | | | | | | | | x | | | | | | |
| Goodenia aff. pinnatifida | | | | | | | | | | | | x | x | | | | x | | | | | | | | | |
| Goodenia berringbinensis | | | | | | | | | | | | x | x | | | | x | | | | | | | | | |
| Goodenia forrestii | | | | | | | | | | | | | | | | | | | x | | | | | | | |
| Goodenia sp. indet. | | | | | | | | | | | | | | | | | | | x | | | | | | | |
| Goodenia tenuiloba | | | | | | | | | | | | | | | | | | x | | | | | | | | |
| Grevillea berryana | | | | | x | | | x | | x | | | | | | | | | x | x | | | | x | x | |
| Hakea lorea subsp. lorea | | | | | | | | | | | | | | | | | | | x | | | | | | | |
| Hakea preissii | | | | | | | | | | | | | | | | | | | | | | x | | | | |
| Haloragis maierae | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Harnieria sp. Gascoyne | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hibiscus sp. Gardneri | | | | | | | | | | | | | | | | x | | | | | | | | | | |
| Hibiscus sp. indet. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hibiscus sturtii var. indet. | | | | | | | | | | | | | | | | | | | | x | | | | | | |
| Indigofera colutea | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Indigofera decipiens | | | | | | | | | | | | | | | | | | | x | | | | | | | |
| Indigofera monophylla | | x | | | | | | | | | x | | | | | | | | | | | | | | | |
| Ipomoaea muelleri | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lawrencia densiflora | x | | | x | | | | | | | | | | | | | | | | | | | | | | |
| Leichhardtia australis | x | x | x | | | | x | | | | x | | | | x | x | | | | x | | | | | | |
| Lepidium oxytrichum | | x | x | | x | | x | x | x | | x | | x | | | x | x | | | | | | | | | |
| Lepidium pholidogynum | | | | | | | x | | | | | | | | | | | | | | | | | | | |
| Lepidium platypetalum | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lepidium sp. indet | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Leptochloa digitata | | | | | | | | | | | x | | | | | | | | | | | | | | | |
| Lobelia heterophylla subsp. pilbarensis | | | | | | | | x | x | | | | | | | | | | | | | | | | | |
| Lotus cruentus | | | | | | | | | | | | x | x | | | | x | | | | | | | | | |
| Maireana cf. villosa | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maireana georgei | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maireana melanocoma | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maireana planifolia | x | | | | | | | | | | | | | x | x | | | | | x | | | | | | |
| Maireana sp. indet. | | | | | | | | | | | | | | | | | | | | | x | x | | | | |
| Maireana tomentosa | x | | | x | | | | | | | | | | | | x | | | | | | | | | | |

| Taxon | SOM-26 | SOM-27 | SOM-28 | SOM-29 | SOM-30 | SOM-31 | SOM-32 | SOM-33 | SOM-34 | SOM-35 | SOM-36 | SOM-37 | SOM-38 | SOM-39 | SOM-40 | SOM-41 | SOM-42 | SOM-43 | SA-01 | SA-02 | SA-03 | SA-04 | SA-05 | SA-06 | SA-07 | SA-08 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Maireana triptera | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Malvaceae sp. indet. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Malvastrum americanum | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Marsilea hirsuta | | | | | | | | | | | | x | x | | | | x | | | | | | | | | |
| Mimulus gracilis | | | | | | | | | | | | x | x | | | | | | | | | | | | | |
| Nellica maderaspatensis | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nicotiana occidentalis | | x | x | | x | | | | x | | x | x | x | | | | | | x | | | | | | | |
| Operculina aequisepala | | | | | | | | | | | | x | | | | | x | | | | | | | | | |
| Panicum laevinode | | | | | | | | | | | | | | | | | x | | | | | | | | | |
| Paspalidium clementii | | | | | | | | x | x | x | | | | | | | x | | x | x | | | | | | |
| Pluchea dentex | | x | | | | | | | | | x | | | | | | | | | | | | | | | |
| Poaceae sp. indet. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Polycarpaea longiflora | | x | | | | | | x | | | | | | | | | | | | | | | | | | |
| Portulaca oleracea | | | x | | | | x | x | x | | | x | x | | | | | | x | | | x | | | | |
| Psydrax latifolia | | | | | | | | x | x | | | | | | | | | | x | x | | | | | | |
| Pterocaulon sphacelatum | | | | | | | | | | | | | | | | | | | | | | | | | | x |
| Ptilotus aervoides | | | | | | | | | | | | | | | | | x | | | | | | | | | |
| Ptilotus exaltatus | | | | x | | | | | | | | | | | | | | | | | | | | | | |
| Ptilotus gomphrenoides | | | | | | | | | | | | x | x | | | | x | | | | | | | | | |
| Ptilotus helipteroides | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ptilotus obovatus | x | x | x | x | | x | x | x | x | x | | | | x | x | x | | x | x | x | x | | | x | | |
| Ptilotus polystachyus | | | | | | | | | | | | | | | | | x | | | | | | | | | |
| Rhagodia eremaea | x | | x | | x | | x | | | | | | | | | | | | x | | | | | | | |
| Rhodanthe floribunda | | | | | | | | | | | | | | | | | x | | | | | | | | | |
| Rhodanthe maryonii | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rhodanthe stricta | | | | | | | | | | | | | x | | | | | | | | | | | | | |
| Rhynchosia minima | | | | | | | | | | | x | x | | | | | x | | x | | | | | | | |
| Roepera kochii | x | x | x | x | x | | | | | | x | | | | | | | | | | | | | | | |
| salsola australis | x | | x | | | | | | x | | | x | | | | x | | | x | | x | | | | | |
| Scaevola spinescens | | x | x | | x | x | | | | | x | | | | | x | | | x | | | | | | | |
| Scaevola tomentosa | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Schoenoplectiella dissachantha | | | | | | | | | | | | x | x | | | | x | | | | | | | | | |
| Sclerolaena costata | | | | x | | | | | | | | | | | | | | | | | | | | | | |
| Sclerolaena cuneata | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sclerolaena sp. indet. | | | | | | | | | | | | | | | | x | | | | | | | | | | |
| Senna artemisioides subsp. helmsii | x | x | x | x | x | x | | | | | x | | | x | x | | | x | x | | x | | x | x | x | x |
| Senna artemisioides subsp. oligophylla | | | x | x | | x | x | | | | | | x | | | x | x | | | | | x | x | x | | | x |
| Senna glaucifolia | | | | | | x | | | | | | | | x | x | | | x | x | | | | | x | | |
| Senna glutinosa subsp. glutinosa | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Senna glutinosa subsp. ×luerssenii | | | | x | | x | | x | x | x | | | | x | | x | | x | | x | x | x | x | x | x | |
| Senna sp. Meekatharra | x | | | x | | | | | | | | | | | | | | | | | | | | | | |
| Senna stricta | | | | | | | | | | | | | | | | | | | | | x | | | | | |
| Sida brownii | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sida fibulifera | | | | | | | | | | | | | x | | | | | | | | | | | | | |
| Sida sp. dark green fruits | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sida sp. indet. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sida sp. spiciform panicles | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Solanum cleistogamum | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Solanum gabrielae | | | | | | | | | | | | | | | | | | | | | | | | x | x | |
| Solanum lasiophyllum | | | | | x | | | | | | | | x | x | x | x | | x | | x | | | | | | |
| Solanum sp. indet | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sporobulus australasicus | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stackhousia muricata subsp. annual | | | | | | | | | | | | | | | | | | x | | | | | | | | |
| Stenopetalum anfractum | | | | | | | | | | | | | | x | x | | | x | | | | | | | | |
| Streptoglossa bubakii | | | | | | | | | | | | x | x | | | | x | | | | | | | | | |
| Streptoglossa decurrens | | | | | | | | | | | | | | | | | | | | x | | | | | | |
| Streptoglossa sp. indet. | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Taxon | SOM-26 | SOM-27 | SOM-28 | SOM-29 | SOM-30 | SOM-31 | SOM-32 | SOM-33 | SOM-34 | SOM-35 | SOM-36 | SOM-37 | SOM-38 | SOM-39 | SOM-40 | SOM-41 | SOM-42 | SOM-43 | SA-01 | SA-02 | SA-03 | SA-04 | SA-05 | SA-06 | SA-07 | SA-08 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Streptoglossa tenuiflora | | | | | | | | | | | | x | | | | | | | | | | | | | | |
| Stylobasium spathulatum | | | | | | | x | | | | | | | | | | | | | | | | | | | |
| Swainsona incei | | | | | | | | | x | | x | | | | | | | | | | | | | | | |
| Swainsona longipilosa | | | | | | | | | | | | | | | | | | x | | | | | | | | |
| Swainsona pterostylis | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Swainsona rotunda | | | | | | | | | | | | | | | x | | | x | | | | | | | | |
| Synaptantha tillaeacea var. tillaeacea | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tephrosia densa | | | | | | | | x | x | | | | | | | | | | | | | | | | | |
| Tephrosia rosea var. Fortescue creeks | | | | | | | | | | | x | | | | | | | | | | | | | | | |
| Tephrosia sp. clay soils | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tephrosia sp. NW Eremaean | | | | | | | | | | | | | | | | | | | x | | | | | | | |
| Tephrosia supina | | | | | | | | | | | | | | | | | | | x | | | | | | | |
| Teucrium teucriiflorum | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thysanotus speckii | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Trachymene pilbarensis | | x | | | x | | x | x | x | x | x | | | | x | | | | | | | | | | | |
| Tragus australianus | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Trianthema triquetrum | | | | | | | | | | | | | | | | | | | x | | | | | | | |
| Tribulus astrocarpus | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tribulus suberosus | | | | | | | | x | x | x | | | | | | | | | | x | | | | | | |
| Trichodesma zeylanium subsp. zeylanium | | x | x | | x | | x | x | x | | x | | | | | | | | x | | | | | | | |
| Tripogonella loliiformis | | | | | | | | | | | | | | | | | | x | | | | | | | | |
| Urochloa holosericea | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wahlenbergia tumidifructa | | | | | | | | | | | | | | | | | x | | | | | | | | | |
| Wurmbea inflata | | | | | | | | | | | | | | | | | | x | | | | | | | | |

## Quadrats SA-09 to SA-32

| Taxon | SA-09 | SA-10 | SA-11 | SA-12 | SA-13 | SA-14 | SA-15 | SA-16 | SA-17 | SA-18 | SA-19 | SA-20 | SA-21 | SA-22 | SA-23 | SA-24 | SA-25 | SA-26 | SA-27 | SA-28 | SA-29 | SA-30 | SA-31 | SA-32 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Asphodelus fistulosus | | | | | | | | x | | | | | | | | | | | | | | | | |
| *Bidens bipinnata | | | | | | | | | | | | | | | | | | | | | | | | |
| *Cenchrus ciliaris | x | | | | | | | x | x | x | | x | | | x | | | | | x | x | | | |
| *Cenchrus setiger | | | | | | | | x | | x | | | | | x | | | | | x | x | | | |
| *Cenchrus setiger | | | | | | | | | | | | | | | | | | | | | | | | |
| *Datura leichhardtii subsp. leichhardtii | | | | | | | | x | | | | | | | | | | | | | | | | |
| *Malvastrum americanum | | | | | | | | x | | x | | | | | x | | | | | x | | | | |
| *Rumex vesicarius | | | | | | | | | | | | | | | | | | | | | | | | |
| *Setaria verticillata | | | | | | | | | | | | | | | | | | | | | | | | |
| *Vachellia farnesiana | | | | | | | | | | | | | | | | | | | | | | | | |
| Abutilon aff. lepidum | | | | x | | | | | x | | | | | | | | | | | | | | | x |
| Abutilon amplum | | | | | | | | | | | | | | | | | | | | | | | | |
| Abutilon fraseri | x | | | | | x | | | | | | | | | | | | | | | | | | x |
| Abutilon malvifolium | | | | | | | | | | | | | | | | | | | | | | | | |
| Abutilon oxycarpum subsp. Prostrate | | | | | | | | | | | | | | | | | | | | | | | | |
| Abutilon sp. indet | | | | | | | | | | | x | x | | | x | | | | | | x | | | |
| Abutilon sp. indet. | | | | | | | | | | | | | | | | | | | | | | | | |
| Acacia aneura | | | | | | | | | | | | | | | | | | | | | | | | |
| Acacia aptaneura | | | x | | | | | x | | | | | | | | | | | | | | | | |
| Acacia cf. aneura | | | | | | | | | | | | | | | | | | | | | | | | |
| Acacia cf. sibirica | | | | | | | | | | | | | | | | | | | | | | | | |
| Acacia citrinoviridis | | | | | | x | | x | | x | | | | | x | | | | | x | x | | | |
| Acacia coriacea | | | | | | | | | | | | | | | | | | | | | | | | |
| Acacia curryana | | | | | | | | | | | | | | | | | | | | | | | | |
| Acacia cuthbertsonii | | x | | | x | x | | x | | x | x | x | | | x | | x | x | x | x | x | x | | x |
| Acacia fuscaneura | | | | | | | | | | | | | | | | | | | | | | | | |
| Acacia fuscaneura - pteraneura complex | | | | | | | | | | | | | | | | | | | | | | | | |
| Acacia fuscaneura (large phyllode variant) | | | | | | | | | | | | | | | | | | | | | | | | |
| Acacia kempeana | | x | | x | x | x | x | | x | | x | x | x | | x | x | | | x | | | x | x | x |
| Acacia macraneura | x | | | | x | x | | | | | x | x | | | | | x | x | | | | | | x |
| Acacia mulganeura | | | | x | | | | | | | | | | | | | | | | | | | | |
| Acacia pruinocarpa | | | | | | | | | | | | | | | | | | | | | | | | |
| Acacia pyrifolia var. pyrifolia | | | | | | | | | | | | | | | | | | | | | | | | |
| Acacia sclerosperma subsp. sclerosperma | | | | | | | | | | x | | | | | | | | | | x | x | | | |
| Acacia sp. Mulga Paraburdoo | | | | | | | | | | | | | | | x | | | | | x | x | | | |
| Acacia subtessarogona | | | | | | | | | | | | | | | | | | | | | | | | |
| Acacia synchronicia | x | x | x | | | x | x | x | | x | x | x | x | x | | | | | | | | x | | |
| Acacia tetragonophylla | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x |
| Acacia xiphophylla | x | | x | | | x | | x | | | | | | x | | | | | | | | x | | |
| Aeschynomene indica | | | | | | | | | | | | | | | | | | | | | | | | |
| Afrohybanthus aurantiacus | | | | | | | | | | x | | | | | | | | | | x | | | | |
| Alternanthera nana | | | | | | | | | | | | | | | | | | | | | | | | |
| Alternanthera nodiflora | | | | | | | | | | | | | | | | | | | | | | | | |
| Amaranthus cuspidifolius | | | | | | | | | | | | | | | | | | | | | | | | |
| Amaranthus sp. indet. | | | | | | | | | | | x | | | | | | | | | x | | | | |
| Amyema fitzgeraldii | | | | | | | | | | | | | | | | | | | | | | | | |
| Aristida contorta | | x | x | | | x | x | | x | | x | x | | | | x | x | x | x | | | x | x | |
| Arivela viscosa | | | | x | | x | | | | x | | x | | | x | | | | | x | x | | | |
| Asteraceae sp. indet. | | | | | | | | | | | | | | | | | | | | | | | | |
| Atriplex codonocapra | | | | | | | | | | | | | | | | | | | | | x | | | x |
| Atriplex semilunaris | | | | | | | | | | x | | | | | | | | | | x | x | | | |
| Atriplex sp. indet. | | | | | | | | | | | | | | | | | | | | | | | | |
| Boerhavia coccinea | | | | | | x | | | x | x | x | x | | | | | | | | x | x | | | |
| Bonamia cf. pilbarensis | | | | | | | | | | | | | | | | | | | | | | | | |
| Bonamia pannosa | | | | | | | | | x | | | | | | | | | | | | | | | |

| Taxon | SA-09 | SA-10 | SA-11 | SA-12 | SA-13 | SA-14 | SA-15 | SA-16 | SA-17 | SA-18 | SA-19 | SA-20 | SA-21 | SA-22 | SA-23 | SA-24 | SA-25 | SA-26 | SA-27 | SA-28 | SA-29 | SA-30 | SA-31 | SA-32 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bothriochloa ewartiana | | | | | | | | | | | | | | | | | | | | | | | | |
| Brachyachne convergens | | | | | | | | | | | | | | | | | | | | | | | | |
| Brachyscome sp. indet | | | | | | | | x | | | | | | | x | | | | | | | | | |
| Bulbine pendula | | | | | | | | | | | | | | | | | | | | | | | | |
| Calandrinia ptychosperma | | | | | | | | | | | | | | | | | | | | | | | | |
| Calandrinia pumila | | | | | | | | | | | | | | | | | | | | | | | | |
| Calandrinia sp. indet | | | | | | | | | | | | | | | | | | | | | | | | |
| Calocephalus cf. francisii | | | | | | | | | | | | | | | | | | | | | | | | |
| Calocephalus cf. knappii | | | | | | | | | | | | | | | | | | | | | | | | |
| Calotis hispidula | | | | | | | | | | | | | | | | | | | | | | | | |
| Calotis plumulifera | | | | | | | | | | | | | | | | | | | | | | | | |
| Centipeda minima subsp. macrocephala | | | | | | | | | | | | | | | | | | | | | | | | |
| Centipeda sp. indet. | | | | | | | | | | | | | | | | | | | | | | | | |
| Centipeda thespidioides | | | | | | | | | | | | | | | | | | | | | | | | |
| Cheilanthes brownii | | | | | | | | | | | | | | | | | | | | | | | | |
| Cheilanthes sieberi | | | | | | | | | | | | | | | | | | | | | | | | |
| Chenopodium auricomum | | | | | | | | | | | | | | | | | | | | | | | | |
| Chloris pectinata | | | | | | | | | | | | | | | | | | | | | | | | |
| Chrysopogon fallax | | | | | | | | | | | x | x | | | | | | | | | | | | |
| Citrullus colocynthis | | | | | | | | | | | | | | | | | | | | | | | | |
| Convolvulus clementii | | | | | | | | | | | | | | | | | | | | | | | | |
| Corchorus crozophorifolius | | | | | | x | | | | x | x | | | | | | | | | | | | | |
| Corchorus tridens | | | | | | | | | | | | | | | | | | | | | | | | |
| Crotolaria medicaginea var. neglecta | | | | | | | | | | x | x | | | | x | | | | | x | x | | | |
| Cucumis melo | | | | | | | | | | | | | | | | | | | | | | | | |
| Cucumis variabilis | | | | | | x | | | | | | | | | | | | | | | | | | |
| Cullen graveolens | | | | | | | | | | | | | | | | | | | | | | | | |
| Cymbopogon ambiguus | | | | | | | | | | | | | | | | | | | | | | | | |
| Cyperus concinnus | | | | | | | | | | | | | | | | | | | | | | | | |
| Cyperus iria | | | | | | | | | | | | | | | | | | | | | | | | |
| Dactyloctenium radulans | | | | | | | | | | | | | | | | | | | | | | | | |
| Dendrophyllanthus erwinii | | | | | | | | | | | | | | | | | | | | | | | | |
| Dichanthium sericeum subsp. humilius | | | | | | | | | | | | | | | | | | | | | | | | |
| Digitaria brownii | | | | | | | | | | | | | | | | | | | | | | | | |
| Diplachne fusca subsp. muelleri | | | | | | | | | | | | | | | | | | | | | | | | |
| Dipteracanthus australasicus subsp. australasicus | | | | | | | | | | | | | | | | | | | | | | | | |
| Dodonaea petiolaris | | | | | | | | | | | | | | | | | | | | | | | | |
| Duperreya commixta | | | | | | | | | | x | | | | | | | | | | x | | | | |
| Dysphania melanocarpa | | | | | | | | | | | | | | | | | | | | | | | | |
| Dysphania rhadinostachya | | | | | | | | | | | | | | | | | | | | | | | | |
| Dysphania sp. indet | | | | | | | | | | | | | | | | | | | | | | | | |
| Echinochloa colona | | | | | | | | | | | | | | | | | | | | | | | | |
| Eleocharis pallens | | | | | | | | | | | | | | | | | | | | | | | | |
| Elytrophorus spicatus | | | | | | | | | | | | | | | | | | | | | | | | |
| Enchylaena tomentosa | | | | | | | | | | | x | | | | | | | | | | | | | |
| Enneapogon caerulescens | x | | | | | | | | | | | | | | | | | | | | | | | |
| Enneapogon polyphyllus | | | | | | | | | | | | x | | | | | | | | | | | | |
| Enteropogon ramosus | | | | | | | | | | | | | | | | | | | | | | | | |
| Eragrostis leptocarpa | | | | | | | | | | | | | | | | | | | | | | | | |
| Eragrostis setifolia | | | | | | | | | | | | | | | | | | | | | | | | |
| Eragrostis speciosa | | | | | | | | | | | | | | | | | | | | | | | | |
| Eragrostis tenellula | | | | | | | | | | | | | | | | | | | | | | | | |
| Eragrostis xerophila | | | | | | | | x | | | | | | | | | | | | | | | | |
| Eremophea spinosa | | | | | | | | | | | | | | | | | | | | | | | | |
| Eremophila cuneifolia | | | x | | | x | | | | | x | | x | x | | | | | | | | x | | |
| Eremophila cuneifolia x phyllopoda | | | | | | | | | | | | | | | | | | | | | | | | |

| Taxon | SA-09 | SA-10 | SA-11 | SA-12 | SA-13 | SA-14 | SA-15 | SA-16 | SA-17 | SA-18 | SA-19 | SA-20 | SA-21 | SA-22 | SA-23 | SA-24 | SA-25 | SA-26 | SA-27 | SA-28 | SA-29 | SA-30 | SA-31 | SA-32 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eremophila exilifolia | | x | | | | | | | x | | | | | | | | | | | | | | x | |
| Eremophila forrestii subsp. forrestii | | x | | | | | | | | | | | | | | | | | | | | | | |
| Eremophila fraseri | | | | x | x | x | | x | x | | x | | | | | x | x | x | x | | x | x | x | |
| Eremophila fraseri subsp. fraseri | | | | | | | | | | | | | | | | | | | | | | | | |
| Eremophila latrobei subsp. glabra | | | | | | | | | | | | | | | | | | | | | | | | |
| Eremophila latrobei subsp. latrobei | | | | x | | | | | | | | | | | | | | | | | | | | |
| Eremophila phyllopoda subsp. phyllopoda | x | | | | | x | x | | x | | | | | | | | | | x | | | | | |
| Eriachne aristidea | | | | | | | | | | | | | | | | | | | | | | | | |
| Eriachne benthamii | | | | | | | | | | | | | | | | | | | | | | | | |
| Eriachne mucronata | | | | | | | | | x | | x | | | | | | | | | | | | | |
| Eriachne pulchella subsp. dominii | | | | | | | | | | | | | | | | | | | | | | | | |
| Erodium cygnorum | | | | | | | | | | | | | | | | | | | | | | | | |
| Eucalyptus victrix | | | | | | | | | | | | | | | | | | | | | | | | |
| Euphorbia australis var. subtomentosa | | | | | | | | | | | | | | | | | | | | | | | | |
| Euphorbia biconvexa | | | | | | | | | | | | | | | | | | | | | | | | |
| Euphorbia boophthona | | | | | | | | | | | | | | | | | | | | | | | | |
| Euphorbia inappendiculata var. inappendiculata | | | | | | | | | | | | | | | | | | | | | | | | |
| Euphorbia porcata | | | | | | | | | | | | | | | | | | | | | | | | |
| Euploca cunninghamii | | | | | | | | | | | | | | | | | | | | | | | | |
| Euploca heterantha | | | | | | | | | | | | | | | | | | | | | | | | |
| Euploca inexplicita | | | | | | | | | x | | | | | | | | | | | | | | | |
| Evolvulus alsinoides var. villosicalyx | x | | | | | | | | | x | x | x | | | | | | | | | | | | x |
| Glossostigma diandrum | | | | | | | | | | | | | | | | | | | | | | | | |
| Glycine canescens | | | | | | x | | | | | | x | | | | | | | | | | | | x |
| Gomphrena cunninghamii | | | | | | | | | | | | | | | | | | | | | | | | |
| Gomphrena kanisii | | | | | | | | | x | x | x | | | | | | | | | | | | | |
| Goodenia aff. pinnatifida | | | | | | | | | | | | | | | | | | | | | | | | |
| Goodenia berringbinensis | | | | | | | | | | | | | | | | | | | | | | | | |
| Goodenia forrestii | | | | | | | | | | | x | | | | | | | | | | | | | |
| Goodenia sp. indet. | | | | | | | | | | | | | | | | | | | | | | | | |
| Goodenia tenuiloba | | | | | | | | | | | | | | | | | | | | | | | | |
| Grevillea berryana | | | | | | | | | | | | | | | | | | | | | | | x | |
| Hakea lorea subsp. lorea | | | | | | | | | | | | | | | | | | | | | | | | |
| Hakea preissii | | | | | | | | | | | x | | | | | | | | | | | | | |
| Haloragis maierae | | | | | | | | | | | | | | | | | | | | | | | | |
| Harnieria sp. Gascoyne | | | | | | | | | | | | | | | | | | | | | | | | x |
| Hibiscus sp. Gardneri | | | | | | | | | | | | | | | | | | | | | | | | x |
| Hibiscus sp. indet. | | | | | | | | | | | | | | | | | | | | | | | | |
| Hibiscus sturtii var. indet. | | | | | | | | | | | | | | | | | | | | | | | | |
| Indigofera colutea | | | | | | | | | | | | | | | | | | | | | | | | |
| Indigofera decipiens | | | | | | x | | | | x | x | | | | | | x | x | | | | x | | x |
| Indigofera monophylla | | | | | | | | | | | | | | | | | | | | | | | | |
| Ipomoaea muelleri | | | | | | | | | | | | | | | x | | | | | | | | | |
| Lawrencia densiflora | | | | | | | | | | | | | | | | | | | | | | | | |
| Leichhardtia australis | | | | | | | | | x | | | | | | | | | | | | | | | |
| Lepidium oxytrichum | | | | | | | | | | | x | | | | | | | | | | | | | |
| Lepidium pholidogynum | | | | | | | | | | | | | | | | | | | | | | | | |
| Lepidium platypetalum | | | | | | | | | | | | | | | | | | | | | | | | |
| Lepidium sp. indet | | | | | | | | | | x | | x | | | | | | | | x | x | | | x |
| Leptochloa digitata | | | | | | | | | | | | | | | | | | | | | | | | |
| Lobelia heterophylla subsp. pilbarensis | | | | | | | | | | | | | | | | | | | | | | | | |
| Lotus cruentus | | | | | | | | | | | | | | | | | | | | | | | | |
| Maireana cf. villosa | x | | | | | | | | | | | | | | | | | | | | | | | |
| Maireana georgei | | | | | | | | | | | | | | | | | | | | | | | | |
| Maireana melanocoma | | | | | | | | | | | | | | | | | | | | | | | | |
| Maireana planifolia | | | | | | | | | | | | | | | | | | | | | | x | | |

| Taxon | SA-09 | SA-10 | SA-11 | SA-12 | SA-13 | SA-14 | SA-15 | SA-16 | SA-17 | SA-18 | SA-19 | SA-20 | SA-21 | SA-22 | SA-23 | SA-24 | SA-25 | SA-26 | SA-27 | SA-28 | SA-29 | SA-30 | SA-31 | SA-32 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Maireana sp. indet. | | | x | | | | | | | | | | | | | | | | | | | | | |
| Maireana tomentosa | x | | | | | | | | | | | | | | | | | | | | | | | |
| Maireana triptera | | | | | | | | | | | | | | | | | | | | | | | | |
| Malvaceae sp. indet. | | | | | | | | | | | | | | | | | | | | | | | | |
| Malvastrum americanum | | | | | | | | | | | | | | | | | | | | | | | | |
| Marsilea hirsuta | | | | | | | | | | | | | | | | | | | | | | | | |
| Mimulus gracilis | | | | | | | | | | | | | | | | | | | | | | | | |
| Nellica maderaspatensis | | | | | | | | | | | | | | | | | | | | | | | | |
| Nicotiana occidentalis | | | | | | | | | | | | | | | | | | | | | | | | |
| Operculina aequisepala | | | | | | | | | | | | | | | | | | | | | | | | |
| Panicum laevinode | | | | | | | | | | | | | | | | | | | | | | | | |
| Paspalidium clementii | x | | | x | | | | | x | | | | | | | | | | | | | | | x |
| Pluchea dentex | | | | | | | | | | | | | | | | | | | | | | | | |
| Poaceae sp. indet. | | | | | | x | | | | | | | | x | | | | | | | | | | |
| Polycarpaea longiflora | | | | | | | | | | | | | | | | | | | | | | | | |
| Portulaca oleracea | | | | | | | | | x | x | x | | | | | x | | | | x | x | | | |
| Psydrax latifolia | | | | | | | | | | | x | | | | | | | | | | | | | |
| Pterocaulon sphacelatum | | | | | | x | | x | | x | | x | | | x | | | | | x | | | | x |
| Ptilotus aervoides | | | | | | | | | | | | | | | | | | | | | | | | |
| Ptilotus exaltatus | | | | | | | | | | | | | | | | | | | | x | | | | |
| Ptilotus gomphrenoides | | | | | | | | | | | | | | | | | | | | | | | | |
| Ptilotus helipteroides | | | | | | | | | | | | | | | | | | | | | | | | |
| Ptilotus obovatus | x | | x | x | x | x | x | x | x | x | x | x | | | | x | x | x | | | | x | | x |
| Ptilotus polystachyus | | | | | | | | | | | | | | | | | | | | | | | | |
| Rhagodia eremaea | | | | | | | | | | | | x | | | | | | | | | | | | |
| Rhodanthe floribunda | | | | | | | | | | | | | | | | | | | | | | | | |
| Rhodanthe maryonii | | | | | | | | | | | | | | | | | | | | | | | | |
| Rhodanthe stricta | | | | | | | | | | | | | | | | | | | | | | | | |
| Rhynchosia minima | | | | | | | | | | x | | | | | | | | | | x | | | | |
| Roepera kochii | | | | | | | | | | | | | | | | | | | | | | | | |
| salsola australis | x | x | | | | x | | | | | x | | | x | x | x | | | | | x | x | | x |
| Scaevola spinescens | x | | x | | | | x | x | | x | x | | | | | | | | x | | | | | |
| Scaevola tomentosa | | | | | | | | | | | | | | | | | | | | | | | | |
| Schoenoplectiella dissachantha | | | | | | | | | | | | | | | | | | | | | | | | |
| Sclerolaena costata | | | | | | | | | | | | | | | | | | | | | | | | |
| Sclerolaena cuneata | | | | | | | | | | | | | | | | | | | | | | | | |
| Sclerolaena sp. indet. | | | | | | | | | | | | | | | | | | | | | | | | |
| Senna artemisioides subsp. helmsii | x | x | x | x | x | x | x | x | x | x | | | x | x | x | x | x | x | x | x | x | x | x | |
| Senna artemisioides subsp. oligophylla | x | | x | | | x | | | | | | | | | | | | | | x | | | | x |
| Senna glaucifolia | | | | | | | | | | | | | | | | | | | | | | | | |
| Senna glutinosa subsp. glutinosa | | | | x | | | | | | | | | | | | | | | | | | | | |
| Senna glutinosa subsp. ×luerssenii | | | | | | | x | | | | | | x | x | | | | | x | | | | | |
| Senna sp. Meekatharra | | | | | | | | | | | | | | x | | | | | | | | | | |
| Senna stricta | | | | | | | | | | | | | | | | | | | | | | | | |
| Sida brownii | | | | | | | | | | | x | | | | | x | | | | | | | | |
| Sida fibulifera | | | | | | | | | | | | | | | | | | | | | | | | x |
| Sida sp. dark green fruits | | | | | | | | | | | | | | | | | | | | | | | | |
| Sida sp. indet. | | | | | | | | | | | | | | | | | | | | | | | | |
| Sida sp. spiciform panicles | | | | | | | | | | | | | | | | | | | | | | | | x |
| Solanum cleistogamum | | | | x | | x | | | | | | | | | | | | | | | | x | | |
| Solanum gabrielae | | | | x | | | | | | | x | | | | | | x | | | | | | | |
| Solanum lasiophyllum | | | | | | | | | | | | | | | | | | | | | | | | |
| Solanum sp. indet | | | | | | | | | | | | | | | | | | | | | | | | |
| Sporobulus australasicus | | | | | | | | | | | | | | | | | | | | | | | | |
| Stackhousia muricata subsp. annual | | | | | | | | | | | | | | | | | | | | | | | | |
| Stenopetalum anfractum | | | | | | | | | | | | | | | | | | | | | | | | |
| Streptoglossa bubakii | | | | | | | | | | | | | | | | | | | | | | | | |

| Taxon | SA-09 | SA-10 | SA-11 | SA-12 | SA-13 | SA-14 | SA-15 | SA-16 | SA-17 | SA-18 | SA-19 | SA-20 | SA-21 | SA-22 | SA-23 | SA-24 | SA-25 | SA-26 | SA-27 | SA-28 | SA-29 | SA-30 | SA-31 | SA-32 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Streptoglossa decurrens | | | | | | x | | | | x | | | | | | | | | | x | | | | |
| Streptoglossa sp. indet. | | | | | | | | | | | | | | | | | | | | | | | | |
| Streptoglossa tenuiflora | | | | | | | | | | | | | | | | | | | | | | | | |
| Stylobasium spathulatum | | | | | | | | | | | | | | | | | | | | | | | | |
| Swainsona incei | | | | | | | | | | | | | | | | | | | | | | | | |
| Swainsona longipilosa | | | | | | | | | | | | | | | | | | | | | | | | |
| Swainsona pterostylis | | | | | | | | | | | | | | | | | | | | | | | | |
| Swainsona rotunda | | | | | | | | | | | | | | | | | | | | | | | | |
| Synaptantha tillaeacea var. tillaeacea | | | | | | | | | | | | | | | | | | | | | | | | |
| Tephrosia densa | | | x | x | | | | | | | | | | | | | | | | x | | | | |
| Tephrosia rosea var. Fortescue creeks | | | | | | | | | | | | | | | | | | | | | | | | |
| Tephrosia sp. clay soils | | | | | | | | | | | | | | | | | | | | | | | | |
| Tephrosia sp. NW Eremaean | x | | | | | | | | | | | | | | | | | | | | | | | |
| Tephrosia supina | | | | | | | | | | | | | | | | | | | | | | | | |
| Teucrium teucriiflorum | | | | | | | | | | | | | | | | | | | | | | | | |
| Thysanotus speckii | | | | | | | | | | | | | | | | | | | | | | | | |
| Trachymene pilbarensis | | | | | | | | | | | | | | | | | | | | | | | | |
| Tragus australianus | | | | | | | | | | | | | | | | | | | | | | | | |
| Trianthema triquetrum | | | | | | | | | | x | | | | | | | | | | | x | | | |
| Tribulus astrocarpus | | | | | | | | | | | | | | | | | | | | | | | | |
| Tribulus suberosus | | | | | | | | | | | | | | | | | | | | | | | | |
| Trichodesma zeylanium subsp. zeylanium | | | | | | x | | x | | x | x | | | | x | | | | | x | x | | | x |
| Tripogonella loliiformis | | | | | | | | | | | | | | | | | | | | | | | | |
| Urochloa holosericea | | | | | | | | | | | | | | | | | | | | | | | | |
| Wahlenbergia tumidifructa | | | | | | | | | | | | | | | | | | | | | | | | |
| Wurmbea inflata | | | | | | | | | | | | | | | | | | | | | | | | |

# APPENDIX 11

Representative photographs, raw data and total flora spreadsheets recorded for the 75 quadrats assessed within the study area

STUDY SITES

| Site | Landform | Vegetation type | Condition | Aspect | Slope | Soil Colour | Soil Type | Last Fire | Disturbance | Comments | Easting | Northing |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOM-01 | Hillcrest/ Upper Hillslope | Scattered Low Trees of Acacia aptaneura and Grevillea berryana over High Open Shrubland of Acacia tetragonophylla and Psydrax latifolia over Low Open Shrubland of Ptilotus obovatus and Tribulus suberosus over Very Open Herbs of Trachymene pilbarensis, Lepidium oxytrichum and Trichodesma zeylanicum over Very Open Tussock Grassland of Paspalidium clementii | Very Good | South | Moderate | Silty Loam | Brown | Old (6+ yr) | Rubbish/ Litter | Rock Outcropping: orthogneiss + paragneiss, other Disturbances: Weeds | 372323 | 7359989 |
| SOM-02 | Undulating Low Hills | Open Shrubland of Eremophila phyllopoda subsp. phyllopoda and Acacia kempeana over Low Open Shrubland of Eremophila phyllopoda subsp. phyllopoda and Ptilotus obovatus over Very Open Tussock Grassland of Aristida contorta | Very Good | East | Low | Silty Loam | Orange | Old (6+ yr) | Road/ Access Track | Rock Outcropping: Gneiss - Micah Rich | 372532 | 7360106 |
| SOM-03 | Drainage Area/ Floodplain | Low Open Woodland of Acacia citrinoviridus over High Open Shrubland of Acacia cuthbertsonii, Acacia tetragonphylla and Acacia synchronicia (Acacia subtessarogona) over Open Shrubland of Senna artemisioides subsp. helmsii and Eremophila phyllopoda subsp. phyllopoda over Low Open Shrubland of Ptilotus obovatus over Very Open Tussock Grassland of *Cenchrus ciliaris, Aristida contorta and Paspalidium clementii | Very Good | South/ East | Low | Loamy Sand | Orange | Old (6+ yr) | Weed Invasion | Rock Outcropping: Alluvial deposits - cobs/pebs common, other Disturbances: Cattle Grazing | 372817 | 7360270 |
| SOM-04 | Major Drainage Line | Woodland of Eucalyptus victrix over Low Woodland of Acacia citrinoviridus over Open Tussock Grassland of *Cenchrus setigera (*Cenchrus ciliaris) over Very Open Herbs of Alternanthera nodiflora, Centipeda thespidioides and Marsilea hirsuta | Poor | South | Low | Loamy Sand | Brown | Old (6+ yr) | Cattle Grazing | Occasional cobs/pebs, riverbanks are consolidated clay-loam, other Disturbances: Road/Access Track and Weeds | 372878 | 7359362 |
| SOM-05 | Undulating Low Hills | Scattered Tall Shrubs of Acacia synchronicia and Acacia cuthbertsonii over Shrubland of Senna artemisioides subsp. helmsii and Senna glutinosa subsp. x luerssenii over Open Low Shrubland of Eremophila cuneifolia and Senna artemisioides subsp. helmsii over Very Open Tussock Grassland of Aristida contorta and Poaceae sp. indet | Very Good | North | Low | Silty Loam | Red | Old (6+ yr) | Rubbish/ Litter | Rock Outcropping: Dolerite, cobbles common on surface | 372605 | 7359227 |
| SOM-06 | Minor Drainage Line | Low Woodland of Acacia subtessarogona, Acacia pruinocarpa and Acacia cf. sibirica (Grevillea berryana) over High Open Shrubland of Acacia cuthbertsonii, Psydrax latifolia, Senna glutinosa subsp. x luerssenii (Acacia tetragonphylla) over Low Open Shrubland of Ptilotus obovatus | Very Good | South | Low | Silty Loam | Orange | Old (6+ yr) | Mining Exploration | Rock Outcropping: Gneiss - Micah Rich | 372073 | 7359271 |
| SOM-07 | Undulating Low Hills | Tall Scattered Shrubs of Grevillea berryana over Shrubland of Eremophila phyllopoda subsp. phyllopoda and Senna glutinosa subsp. x luerssenii over Low Scattered Shrubs of Tribulus suberosus, Ptilotus obovatus and Eremophila phyllopoda subsp. phyllopoda over Very Open Tussock Grassland of Aristida contorta | Very Good | North | Low | Silty Loam | Orange | Old (6+ yr) | Mining Exploration | Rock Outcropping: Gneiss - Micah Rich, other Disturbances: Road/Access Track | 372131 | 7359533 |
| SOM-08 | Stony Plain | Scattered Tall Shrubs of Acacia tetragonphylla and Acacia synchronicia over Low Open Shrubland of Eremophila cuneifolia and Senna artemisioides subsp. oligophylla over Open Tussock Grassland of Eragrostis setifolia, Eragrostis xerophila and Aristida contorta over Open Herbs of Ptilotus gomphrenoides, Calotis hispidula and Lotus cruentus | Very Good | North/ West | Flat | Silty Clay Loam | Brown | Old (6+ yr) | Road/ Access Track | Landform: with Gilgai sumps and drainage zones, Outcropping: mixed alluvial/collovium cobs/pebs common on surface | 374215 | 7357700 |
| SOM-09 | Stony Plain | Scattered Tall Shrubs of Hakea preissii over Open Shrubland of Senna glutinosa subsp. x luerssenii and Eremophila cuneifolia over Low Open Shrubland of Eremophila cuneifolia and Senna artemisioides subsp. oligophylla over Scattered Tussock Grass of Aristida contorta | Very Good | West | Low | Clay Loam | Orange | Old (6+ yr) | Cattle Grazing | Other Distrubance: Road/Access Track, Outcropping: cobs and pebs common | 374381 | 7354172 |
| SOM-10 | Stony Plain | High Open Shrubland of Hakea preissii over Scattered Shrubs of Senna glutinosa subsp. x luerssenii over Low Open Shrubland of Eremophila cuneifolia (Scaevola spinescens) over Scattered Tussock Grass of Aristida contorta | Very Good | West | Flat | Sandy Clay Loam | Orange | Old (6+ yr) | Cattle Grazing | Other Distrubance: Road/Access Track, Outcropping: cobs and pebs common, mixed metam. | 374434 | 7354505 |
| SOM-11 | Calcrete Plain | High Open Shrubland of Acacia xiphophylla and Acacia macraneura over Open Shrubland of Senna artemisioides subsp. oligophylla and Eremophila cuneifolia over Low Shrubland of Eremophea spinosa, Senna sp. Meekatharra (E. Bailey 1-26) and Roepera kochii | Good | South | Low | Silty Loam | Brown | Old (6+ yr) | Rubbish/ Litter | Rock Outcropping: Calcrete, other Disturbances: Road/Access Track | 374260 | 7354862 |
| SOM-12 | Stony Plain | High Open Shrubland of Hakea preissii (Acacia xiphophylla) over Shrubland of Eremophila cuneifolia, Scaevola spinescens and Acacia synchronicia (Senna glutinosa subsp. x luerssenii) over Low Shrubland of Maireana tomentosa | Very Good | North/ West | Low | Silty Loam | Orange | Old (6+ yr) | Cattle Grazing | Other Distrubance: Road/Access Track, Outcropping: cobs and pebs common | 373708 | 7358781 |
| SOM-13 | Stony Plain | High Open Shrubland of Acacia xiphophylla and Acacia synchronicia (Hakea preissii) over Scattered Shrubs of Senna glutinosa subsp. x luerssenii over Low Open Shrubland of Eremophila cuneifolia | Very Good | Flat | Flat | Silty Loam | Orange | Old (6+ yr) | Cattle Grazing | Other Distrubance: Road/Access Track, Outcropping: cobs and pebs common | 373886 | 7358289 |

| Site | Landform | Vegetation type | Condition | Aspect | Slope | Soil Colour | Soil Type | Last Fire | Disturbance | Comments | Easting | Northing |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOM-14 | Gilgai Plain | Low Open Woodland of Acacia macraneura and Acacia xiphophylla over Scattered Tall Shrubs of Acacia tetragonphylla and Acacia synchronicia over Scattered Shrubs of Eremophila cuneifolia over Low Scattered Shrubs of Senna artemisioides subsp. oligophylla and Eremophila cuneifolia over Open Tussock Grassland of Eriachne benthamii, Eragrostis xerophila and Eragrostis setifolia over Open Herbs of Ptilotus gomphrenoides, Cullen graveolens and Stretoglossa bubakii | Very Good | Flat | Flat | Light Clay | Brown | Old (6+ yr) | Cattle Grazing | Other Distrubance: Road/Access Track, Outcropping: cobs and pebs common, Landform: lumpy drainage zones | 374227 | 7356844 |
| SOM-15 | Wetland | Low Open Woodland of Acacia fuscaneura - pteraneura complex over High Open Shrubland of Acacia tetragonophylla and Acacia synchronica over Tussock Grassland of Eriachne benthamii over Open Herbs of Centipeda minima subsp. macrocephala, Marsilea costulifera and Goodenia berryana | Very Good | Flat | Flat | Light Medium Clay | Brown | Old (6+ yr) | Weed Invasion | Other Distrubance: Road/Access Track and Cattle grazing, Outcropping: stone cobs in lake, Soil Typer: Yellow-Brown | 374117 | 7357297 |
| SOM-16 | Gilgai Plain | Low Open Woodland of Acacia xiphophylla over High Open Shrubland of Acacia synchronicia over Open Shrubland of Eremophila cuneifolia over Open Tussock Grassland of Eriachne benthamii, Eragrostis xerophila and Dichanthium sericeum over Open Herbs of Marsilea hirsuta, Ptilotus gomphrenoides and Streptoglossa tenuiflora | Very Good | Flat | Flat | Light Clay | Brown | Old (6+ yr) | Cattle Grazing | Other Distrubance: Road/Access Track, Outcropping: cobs and pebs on edges, Aspect: Flat but with undulating gilgai depressions | 374377 | 7355392 |
| SOM-17 | Stony Plain | Low Open Shrubland of Eremophila cuneifolia (Maireana georgei) over Scattered Tussock Grass of Aristida contorta | Very Good | Flat | Flat | Silty Loam | Red | Old (6+ yr) | Road/ Access Track | Rock Outcropping: Quartz gibber plain (Quartz & Granite) | 374173 | 7356503 |
| SOM-18 | Hillslope | High Open Shrubland of Acacia xiphophylla and Acacia synchronicia over Open Shrubland of Senna artemisioides subsp. oligophylla and Senna artemisioides subsp. x luerssenii (Acacia xiphophylla) over Low Scattered Shrubs of Maireana villosa and Ptilotus obovatus | Very Good | West | Low | Silty Loam | Brown | Old (6+ yr) | Rubbish/ Litter | Rock Outcropping: Calcrete & unknown rock (photos 183-717 & 720), other Disturbances: Cattle Grazing & Road/Access Track | 371713 | 7358800 |
| SOM-19 | Stony Plain | Open Shrubland of ^Acacia curryana over Very Open Tussock Grassland of Aristida contorta | Very Good | South/ East | Low | Sandy Loam | Red | Old (6+ yr) | Road/ Access Track | Rock Outcropping: Granite + Quartz cobs on surface, Soil Type: Gritty sand on surface | 369902 | 7353807 |
| SOM-20 | Minor Drainage Line | Woodland of Acacia subtessarogona (Acacia xiphophylla, Acacia macraneura) over High Open Shrubland of Acacia cuthbertsonii, Eremophila fraseri subsp. fraseri and Acacia tetragonophylla over Open Shrubland of Scaevola spinescens, Senna artemisioides subsp. helmsii and Eremophila fraseri subsp. fraseri over Open Herbs of Trachymene pilbarensis, Lepidium oxytrichum and Roepera kochii | Good | East | Low | Loamy Sand | Red | Old (6+ yr) | Weed Invasion | Rock Outcropping: Quartz & Granite cobs, Landform: Minor DL through granite/quartz plains, other Disturbances: Road/Access Track and Cattle Grazing | 370104 | 7353854 |
| SOM-21 | Stony Plain | Open Shrubland of Eremophila phyllopoda subsp. phyllopoda over Low Shrubland of Eremophila phyllopoda subsp. phyllopoda, Senna artemisioides subsp. helmsii and Ptilotus obovatus over Very Open Tussock Grassland of Aristida contorta | Very Good | South/ West | Low | Sandy Loam | Red | Old (6+ yr) | Cattle Grazing | Other Disturbances: Road/Access Track | 370168 | 7354274 |
| SOM-22 | Stony Plain | Scattered Tall Shrubs of Acacia tetragonophylla, Acacia kempeana and Acacia synchronicia over Low Open Shrubland of Eremophila cuneifolia (Eremopila phyllopoda subsp. phyllopoda, Senna artemisioides subsp. helmsii) over Very Open Tussock Grassland of Aristida contorta | Very Good | South | Low | Silty Loam | Orange | Old (6+ yr) | Road/ Access Track | Rock Outcropping: Quartz & Granite | 370287 | 7354961 |
| SOM-23 | Stony Plain | Scattered Shrubs of Eremophila cuneifolia over Low Scattered Shrubs of Eremophila cuneifolia (Senna artemisioides subsp. helmsii) over Very Open Tussock Grassland of Aristida contorta | Very Good | South | Low | Silty Loam | Orange | Old (6+ yr) | None Discernible | Rock Outcropping: Quartz & Granite, Landform: Quartz Gibber Plain | 369990 | 7355866 |
| SOM-24 | Undulating Low Hills | Open Shrubland of Eremophila phyllopoda subsp. phyllopoda, Senna artemisioides subsp. helmsii and Eremophila fraseri subsp. fraseri over Low Open Shrubland of Senna artemisioides subsp. helmsii and Eremophila phyllopoda subsp. phyllopoda over Very Open Tussock Grassland of Aristida contorta | Very Good | South | Low | Silty Loam | Orange | Old (6+ yr) | None Discernible | Rock Outcropping: Granite Vertical Strata, Landform: Low rocky hill, gentle slopes | 370029 | 7356534 |
| SOM-25 | Minor Drainage Line | Low Woodland of Acacia aptaneura, Acacia cf. fuscaneura (large phyllode variant) and Acacia subtessarogona over High Shrubland of Acacia cuthbertsonii, Acacia tetragonophylla and Eremophila phyllopoda subsp. phyllopoda over Shrubland of Eremophila phyllopoda subsp. phyllopoda and Senna glutinosa subsp. x luerssenii (Scaevola spinescens) over Open Tussock Grassland of Aristida contorta, Poaceae sp. indet and Digitaria brownii | Excellent | East | Low | Silty Loam | Red | Old (6+ yr) | Cattle Grazing | Other Disturbances: Drought? Some plant death that is not fire, Landform: Minor DL through granitic slopes | 370501 | 7357861 |
| SOM-26 | Calcrete Plain | High Open Shrubland of Acacia synchronicia over Open Shrubland of Senna artemisioides subsp. helmsii, Eremophila cuneifolia and Senna sp. Meekatharra (E. Bailey 1-26) over Low Open Heath of Eremophea spinosa and Lawrencia densiflora | Very Good | East | Low | Silty Loam | Brown | Old (6+ yr) | Road/ Access Track | Rock Outcropping: Calcrete, other Disturbances: Rubbish | 371411 | 7358645 |
| SOM-27 | Major Drainage Line | Woodland of Eucalyptus victrix and Acacia citrinoviridus over Low Wodoland of Acacia citrinoviridus over Open Shrubland of Acacia pyrifolia var. pyrifolia over Low Open Shrubland of Indigofera monophylla and Afrohybanthus aurantiacus over Very Open Tussock Grassland of *Cenchrus ciliaris, *Cenchrus setiger and Bothriochloa ewartiana | Good | South | Low | Sand | Brown | Old (6+ yr) | Weed Invasion | Rock Outcropping: Micah rich - lots of rocks in drainage line, other Disturbnaces: Road/Access Track | 372861 | 7359179 |

| Site | Landform | Vegetation type | Condition | Aspect | Slope | Soil Colour | Soil Type | Last Fire | Disturbance | Comments | Easting | Northing |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOM-28 | Medium Drainage Line | Low Woodland of Acacia subtessarogona (Hakea lorea subsp. lorea) over Open Scrub of Acacia sclerosperma subsp. sclerosperma and Acacia cuthbertsonii over Open Shrubland of Senna artemisioides subsp. helmsii, Scaevola spinescens and Rhagodia eremaea over Tussock Grassland of *Cenchrus ciliaris and *Cenchrus setiger | Poor | South/ East | Low | Clayey Sand | Orange | Old (6+ yr) | Weed Invasion | Veg Condition: Large amount of weeds, with braided sandy channels, other Disturbances: Road/Access Track | 371692 | 7358651 |
| SOM-29 | Calcrete Plain | Scattered Tall Shrubs of Acacia xiphophylla and Acacia synchroniciaover Open Shrubland of Acacia sychnronicia, Senna artemisioides subsp. oligophylla and Senna sp. Meekatharra (E. Bailey 1-26) over Open Low Shrubland of Eremophila cuneifolia, Eremophea spinosa and Lawrencia densifolia | Very Good | South | Low | Silty Loam | Orange | Old (6+ yr) | Road/ Access Track | Rock Outcropping: Calcrete - some calc + quartz cobs | 371222 | 7358646 |
| SOM-30 | Medium Drainage Line | Low Open Forest of Acacia subtessarogona, Acacia aneura and Acacia cf. macraneura over High Shrubland of Acacia sclerosperma subsp. sclerosperma, Acacia cuthbertsonii and Acacia tetragonphylla over Open Shrubland of Scaevola spinescens over Open Tussock Grassland of *Cenchrus ciliaris and *Cenchrus setiger | Good | South/ East | Low | Loamy Sand | Orange | Old (6+ yr) | Cattle Grazing | Landform: sandy braided channels, other Disturbance: Weeds | 370964 | 7358398 |
| SOM-31 | Undulating Low Hills | Open Shrubland of Eremophila phyllopoda subsp. phyllopoda over Low Open Shrubland of Eremophila phyllopoda subsp. phyllopoda, Senna artemisioides subsp. helmsii and Ptilotus obovatus over Very Open Tussock Grassland of Aristida contorta | Very Good | South/ East | Low | Silty Loam | Red | Old (6+ yr) | None Discernible | Rock Outcropping: Gneiss with Granite | 370848 | 7358162 |
| SOM-32 | Medium Drainage Line | Low Woodland of Acacia subtessarogona over High Shrubland of Acacia cuthbertsonii Acacia sclerosperma subsp. sclerosperma and Acacia synchronicia over Open Tussock Grassland of *Cenchrus ciliaris and *Cenchrus setiger | Good | South/ East | Low | Loamy Sand | Red | Old (6+ yr) | Weed Invasion | Landform: Multiple braided sandy channels, other Disturbances: Donkey Grazing | 371117 | 7358361 |
| SOM-33 | Granite Outcrops/ Domes | Scattered Tall Shrubs of Psydrax latifolia, Acacia kempeana and Grevillea berryana over Open Shrubland of Eremophila phyllopoda subsp. phyllopoda, Eremophila latrobei subsp. latrobei and Senna glutinosa subsp. x leurssenii over Low Open Shrubland of Ptilotus obovatus and Tribulus suberosus over Open Tussock Grassland of Paspalidium clementii and Aristida contorta over Very Open Herbs of Trachymene pilbarensis, Trichodesma zeylanicum and Lepidium oxythrichum | Very Good | North/ East | Moderate | Silty Loam | Red | Old (6+ yr) | Weed Invasion | Rock Outcropping: Mixture of Paragneiss and Orthogneiss | 372214 | 7360237 |
| SOM-34 | Granite Outcrops/ Domes | High Open Shrubland of Acacia kempeana, Pysdrax latifolia and Eremophila phyllopoda subsp. phyllopoda over Open Shrubland of Eremophila phyllopoda subsp. phyllopoda and Eremophila latrobei subsp. latrobei over Low Open Shrubland of Ptilotus obovatus, Tribulus suberosus and Tephrosia densa over Very Open Tussock Grassland of Paspalidium clementii and Aristida contorta over Very Open Herbs of Dysphania rhadinostachya, Trachymene pilbarensis and Trichodesma zeylanicum | Very Good | South/ West | Moderate | Silty Loam | Red | Old (6+ yr) | Weed Invasion | Lots of death over the study area - ?drought | 372275 | 7360045 |
| SOM-35 | Undulating Low Hills | Scattered Low Trees of Grevillea berryana (Acacia subtessarogona) over Open Shrubland of Eremophila phyllopoda subsp. phyllopoda and Senna glutinosa subsp. x luerssenii over Low Open Shrubland of Ptilotus obovatus, Tribulus suberosus and Eremophila phyllopoda subsp. phyllopoda over Very Open Tussock Grassland of Aristida contorta | Very Good | North | Low | Silty Loam | Red | Old (6+ yr) | Mining Exploration | Rock Outcropping: ?Gneiss, other Disturbances: Cattle Grazing, Road/Access Track and Rubbish/Litter | 372537 | 7359640 |
| SOM-36 | Major Drainage Line | Open Woodland of Eucalyptus victrix and Acacia citrinovirids over Low Woodland of Eucalyptus victrix and Acacia citrinoviridus over High Open Shrubland of Acacia pyrifolia var. pyrifolia, Scaevola spinescens and Acacia cuthbertsonii over Low Open Shrubland of Indigofera monophylla. Pluchea dentex and Tephrosia rosea var. Fortescue Creeks (M.I.H.Brooker 2186 over Open Tussock Grassland of *Cenchrus setiger and *Cenchrus ciliaris | Good | South | Low | Loamy Sand | Brown | Old (6+ yr) | Road/ Access Track | Rock Outcropping: Major alluvial deposits of cobbles, other Disturbances: Weeds | 372865 | 7359266 |
| SOM-37 | Wetland | Scattered Tall Shrubs of Acacia synchronicia over Low Open Shrubland of Aeschynomene indica over Tussock Grassland of Eriachne benthamii over Open Herbs of Marsilea costulifera, Centipeda minima subsp. macrocephala and Alternanthera nodiflora | Very Good | Flat | Flat | Medium Clay | Brown | Old (6+ yr) | Cattle Grazing | Rock Outcropping: scattered cobs & pebs, other Disturbances: Road/Access Track | 374168 | 7357251 |
| SOM-38 | Wetland | Scattered Tall Shrubs of Acacia synchronicia, Acacia tetragonophylla and Acacia sclerosperma subsp. sclerosperma over Low Scattered Shrubs of Senna artemisioides subsp. oligophylla over Open Tussock Grassland of Eriachne benthamii (Diplachne fusca subsp. muelleri, Eragrostis speciosa) over Very Open Herbs of Altenanthera nodiflora, Cullen graveolens and Ptilotus gomphrenoides | Very Good | Flat | Flat | Medium Clay | Brown | Old (6+ yr) | Cattle Grazing | Rock Outcropping: scattered cobs & pebs, other Disturbances: Weeds, Ph. 183-887 - of cracking clay plains in lake bed (nothing grows here due to inundation) WP 8475 | 373952 | 7357169 |
| SOM-39 | Stony Plain | Scattered Tall Shrubs of ^Acacia curryana over Open Shrubland of ^Acacia curryana, Eremophila exilifolia and Senna artemisioides subsp. helsmii over Low Open Shrubland of Eremophila exilifolia and Eremophila cuneifolia over Very Open Tussock Grassland of Aristida contorta | Very Good | West | Low | Silty Loam | Red | Old (6+ yr) | Cattle Grazing | Other Disturbances: Road/Access Track and Rubbish/Litter | 369979 | 7353647 |
| SOM-40 | Stony Plain | Open Shrubland of ^Acacia curryana (Eremophila exilifolia) over Low Scattered Shrubs of Eremophila exilifolia and Ptilotus obovatus over Very Open Tussock Grassland of Aristida contorta | Very Good | South/ East | Low | Sandy Loam | Red | Old (6+ yr) | Cattle Grazing | Other Disturbances: Road/Access Track | 369868 | 7353734 |

| Site | Landform | Vegetation type | Condition | Aspect | Slope | Soil Colour | Soil Type | Last Fire | Disturbance | Comments | Easting | Northing |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOM-41 | Stony Plain | Low Open Woodland of Acacia xiphophylla over High Open Shrubland of Acacia synchronicia and Acacia tetragonophylla over Low Open Shrubland of Eremophila cuneifolia, Acacia synchronicia and Scaevola spinescens | Very Good | North/ East | Low | Sandy Clay Loam | Brown | Old (6+ yr) | Cattle Grazing | Other Disturbances: Road/Access Track and Rubbish/Litter, Rock Outcropping: Mixed cobbles on surface | 373062 | 7359362 |
| SOM-42 | Wetland | Scattered Low Trees of Acacia cf. aneura and Acacia subtessarogona over Scattered Tall Shrubs of Acacia tetragonophylla and Acacia synchronicia over Tussock Grassland of Eriachne benthamii over Open Herbs of Marsilea costulifera, Centipeda sp. indet and Alternanthera nodiflora | Very Good | Flat | Flat | Light Medium Clay | Brown | Old (6+ yr) | Weed Invasion | Other Disturbances: Road/Access Track and Cattle Grazing, mulga groves on edge of wetland | 374093 | 7357350 |
| SOM-43 | Stony Plain | Scattered Tall Shrubs of Acacia tetragonophylla (Eremophila fraseri subsp. fraseri, Acacia synchronicia) over Open Shrubland of Eremophila fraseri subsp. fraseri, Senna artemisioides subsp. helmsii and Eremophila phyllopoda subsp. phyllopoda over Low Scattered Shrubs of Ptilotus obovatus (Eremophila fraseri subsp. fraseri, Senna artemisioides subsp. helmsii) over Very Open Tussock Grassland of Aristida contorta | Very Good | North/ East | Low | Silty Loam | Red | Old (6+ yr) | Road/ Access Track | Rock Outcropping: Gneiss - quartz gibber with gneiss outcrop, A curry unit has E fras scattered through it | 370059 | 7354058 |
| SA-01 | Medium Drainage Line | Open Scrub of Acacia cuthbertsonii (Acacia synchronicia, Acacia tetragonophylla) with Low Open Woodland of Acacia subtessarogona (Grevillea berryana, Acacia citrinoviridis) over Open Shrubland of Senna artemisioides subsp. helmsii and Scaevola spinescens over Low Open Shrubland of Ptilotus obovatus and Indigofera decipiens over Very Open Herbs of Arivela viscosa, Boerhavia coccinea and *Portulaca oleracea | Very Good | South | Low | Loamy Sand | Red | Old (6+ yr) | Cattle Grazing | Other Disturbance: Mining Exploration, Road/ Access Track, Weed Invasion | 371457 | 7359926 |
| SA-02 | Hillslope | Open Shrubland of Eremophila phyllopoda subsp. phyllopoda, Senna glutinosa subsp. x luerssenii (Acacia tetragonophylla) over Low Open Shrubland of Eremophila phyllopoda subsp. phyllopoda, Ptilotus obovatus and Tribulus suberosus over Very Open Bunch Grass of Aristida contorta (Paspalidium sp. indet) | Excellent | South/ East | Low | Sandy Loam | Red | Old (6+ yr) | Road/ Access Track | Rock: Schist? - mica enriched: Soil Colour: Red/ Brown | 371498 | 7360570 |
| SA-03 | Hillslope | Low Shrubland of Senna artemisioides subsp. helmsii, Eremophila cuneifolia and Ptilotus obovatus with High Open Shrubland of Acacia xiphophylla and Acacia synchronicia over Open Shrubland of Senna artemisioides subsp. helmsii and Senna stricta over Very Open Herbs of Eremophea spinosa | Very Good | North/ West | Low | Sandy Loam | Other | Old (6+ yr) | Mining Exploration | Soil Colour: Light Cream/ Brown: Outcrops: Granite? "Schist layes and Calcrete: Other Disturbance: Road/ Access Track | 371615 | 7360926 |
| SA-04 | Stony Plain | Low Open Shrubland of Eremophila cuneifolia with Scattered Tall Shrubs of Acacia synchronicia (Acacia xiphophylla) over Scattered Shrubs of Acacia synchronicia and Senna glutinosa subsp. x luerssenii | Very Good | East | Low | Sandy Loam | Red | Old (6+ yr) | Cattle Grazing | Other Disturbance: Road/ Access Track | 371333 | 7361486 |
| SA-05 | Stony Plain | Open Shrubland of Senna artemisioides subsp. helmsii and Eremophila exilifolia over Low Open Shrubland of Senna artemisioides subsp. helmsii and Eremophila exilifolia with Scattered Tall Shrubs of Acacia kempeana, Acacia synchronicia and Acacia tetragonophylla | Excellent | North/ West | Low | Sandy Loam | Brown | Old (6+ yr) | Cattle Grazing | Other Disturbance: Road/ Access Track | 368649 | 7366730 |
| SA-06 | Stony Plain | Open Shrubland of Eremophila phyllopoda over Low Open Shrubland of Eremophila phyllopoda, Senna artemisioides subp. helmsii and Ptilotus obovatus over Very Open Bunch Grassland of Aristida contorta with Scattered Low Trees of Grevillea berryana and Acacia fuscaneura over Scattered Tall Shrubs of Acacia tetragonophylla | Very Good | South/ East | Low | Silty Loam | Red | Old (6+ yr) | Cattle Grazing | Soil Colour: Red/ Brown: Other Disturbance: Mining Exploration, Road/ Access Track, Rubbish | 365680 | 7365548 |
| SA-07 | Hillslope | Shrubland of Eremophila fraseri, Eremophila phyllopoda and Senna glutinosa subsp. x luerssenii with High Open Shrubland of Acacia kempeana, Acacia tetragonophylla and Eremophila phyllopoda over Low Open Shrubland of Eremophila phyllopoda over Very Open Bunch Grassland of Aristida contorta with Scattered Low Trees of Grevillea berryana and Acacia fuscaneura | Very Good | South | Low | Silty Loam | Brown | Old (6+ yr) | Cattle Grazing | | 366040 | 7365235 |
| SA-08 | Medium Drainage Line | Woodland of Eucalyptus victrix, Acacia citrinoviridis (Acacia coriacea) over High Shrubland of Acacia macraneura, Acacia cuthbertsonii and Acacia sclerosperma over Open Tussock Grassland of *Cenchrus ciliaris and *Cenchrus setiger with Scattered Low Shrubs of Pterocaulon sphacelatum | Good | South/ East | Low | Loamy Sand | Brown | Old (6+ yr) | Cattle Grazing | Veg Cond: Poor | 365838 | 7365767 |
| SA-09 | Hillslope | Low Open Woodland of Acacia xiphophylla (Acacia macraneura) over High Open Shrubland of Acacia synchronicia (Acacia macraneura, Acacia xiphophylla) over Open Shrubland of Acacia xiphophylla, Senna artemisioides subsp. helmsii and Acacia synchronicia over Low Open Shruland of Ptilotus obovatus and Senna artemisioides subsp. oligophylla | Very Good | South/ West | Low | Sandy Loam | Brown | Old (6+ yr) | Road/ Access Track | Outcropping: Grey Voltanic, Quartz | 371314 | 7362547 |
| SA-10 | Hillslope | High Open Shrubland of Acacia kempeana, Acacia synchronicia and Acacia tetragonophylla over Open Shrubland of Eremophila forrestii and Acacia tetragonophylla over Low Open Shrubland of Senna artemisioides subsp. helmsii and Eremophila exilifolia over Scattered Bunch Grass Aristida contorta | Very Good | East | Low | Sandy Loam | Brown | Old (6+ yr) | Road/ Access Track | | 371194 | 7363025 |

| Site | Landform | Vegetation type | Condition | Aspect | Slope | Soil Colour | Soil Type | Last Fire | Disturbance | Comments | Easting | Northing |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA-11 | Stony Plain | Low Open Shrubland of Eremophila cuneifolia, Senna artemisioides subsp. helmsii and Ptilotus obovatus with Scattered Low Trees of Acacia xiphophylla over Scattered Shrubs of Acacia tetragonophylla, Senna artemisioides subp. helmsii and Acacia synchroncia | Very Good | South/ East | Low | Sandy Loam | Red | Old (6+ yr) | Road/ Access Track | Outcropping: Quartz | 369348 | 7365443 |
| SA-12 | Boulders/ Rockpiles | High Open Shrubland of Acacia kempeana and Acacia tetragonophylla over Open Shrubland of Eremophila fraseri and Acacia tetragonophylla over Low Open Shrubland of Eremophila latrobei subsp. Latrobei, Ptilotus obovatus and Senna artemisioides subsp. helmsii | Very Good | South/ East | Moderate | Silty Loam | Brown | Old (6+ yr) | Mining Exploration | Outcropping: Quartz: Other Disturbance: Road/ Access Track, Rubbish: Soil is Skeletal | 367693 | 7366575 |
| SA-13 | Drainage Area/ Floodplain | Low Open Woodland of Acacia macraneura over High Open Shrubland of Eremophila fraseri and Acacia cuthbertsonii over Scattered Shrubs of Senna artemisioides subp. Helmsii | Degraded | South/ West | Low | Loamy Sand | Red | Old (6+ yr) | Cattle Grazing | Other Disturbance: Mining Exploration, Rubbish: Soil Colour: Red/ Brown | 367427 | 7366985 |
| SA-14 | Minor Drainage Line | High Shrubland of Acacia cuthbertsonii, Acacia kempeana and Acacia tetragonophylla with Low Open Woodland of Acacia macraneura over Open Shrubland of Senna artemisioides subp. helmsii, Eremophila phyllopoda and Eremophila fraseri over Low Open Shrubland of Ptilotus obovatus, Abutilon sp. indet and Indigofera decipiens | Very Good | South/ East | Low | Loamy Sand | Brown | Old (6+ yr) | Cattle Grazing | Other Disturbance: Road/ Access Track, Weed Invasion: Outcropping; Quartz | 367730 | 7365951 |
| SA-15 | Hillslope | High Open Shrubland of Acacia kempeana, Acacia tetragonophylla and Acacia synchronicia over Open Shrubland of Eremophila phyllopoda and Senna glutinosa subsp. x luerssenii over Low Open Shrubland of Eremophila phyllopoda, Senna artemisioides subsp. helmsii and Ptilotus obovatus over Scattered Bunch Grass of Aristida contorta | Excellent | South | Low | Silty Loam | Brown | Old (6+ yr) | Road/ Access Track | | 366692 | 7365911 |
| SA-16 | Medium Drainage Line | Woodland of Acacia mulganeura and Acacia citrinoviridis over Open Tussock Grassland of *Cenchrus ciliaris (*Cenchrus setiger) with High Open Shrubland of Acacia synchronicia, Acacia cuthbertsonii and Acacia tetragonophylla over Open Shrubland of Eremophila fraseri and Senna artmeisioides subp. helmsii over Very Open Herbs of Pterocaulon sphacelatum | Good | South | Low | Loamy Sand | Brown | Old (6+ yr) | Cattle Grazing | Other Disturbance; Road/ Access Track, Weed Invasion: Veg Condition: Poor | 367082 | 7365642 |
| SA-17 | Hillslope | High Open Shrubland of Acacia tetragonophylla and Eremophila fraseri over Open Shrubland of Eremophila fraseri over Low Open Shrubland of Eremophila exilifolia, Senna artemisioides subsp. helmsii and Ptilotus obovatus over Very Open Bunch Grass of Aristida contorta, *Cenchrus ciliaris and Eriachne mucronata over Scattered Herbs of Gomphrena anisii and *Portulaca oleracea | Very Good | North/ East | Low | Sandy Loam | Brown | Old (6+ yr) | Cattle Grazing | Landform: Hillslope/ Boulders/Rockpiles, Footslope | 371471 | 7361941 |
| SA-18 | Medium Drainage Line | Low Open Forest of Acacia citrinoviridis over Bunch Grassland of *Cenchrus ciliaris and *Cenchrus setiger with High Shrubland of Acacia cuthbertsonii, Acacia sclerosperma and Acacia tetragonophylla over Open Shrubland of Senna artemisioides subsp. helmsii over Very Open Herbs of Trichodesma zeylanicum, Crotalaria medicaginea and Ptersocaulon spacelatum | Good | South | Low | Loamy Sand | Brown | Old (6+ yr) | Cattle Grazing | Other Disturbance: Road/ Access Track, Weed Invasion | 371303 | 7362203 |
| SA-19 | Minor Drainage Line | Open Scrub of Acacia kempeana, Acacia tetragonophylla and Acacia synchronicia with Low Open Woodland of Acacia macraneura over Open Shrubland of Eremophila fraseri over Low Open Shrubland of Ptilotus obovatus | Very Good | South/ West | Low | Silty Loam | Red | Old (6+ yr) | Cattle Grazing | Other Disturbance: Road/ Access Track: Soil Colour Red/ Brown | 370992 | 7363178 |
| SA-20 | Medium Drainage Line | Open Scrub of Acacia kempeana, Acacia cuthbertsonii and Acacia tetragonophylla with Low Woodland of Acacia macraneura over Open Tussock Grassland of *Cenchrus ciliaris, Chrysopogon fallax and Aristida contorta over Very Open Herbs of Evolvulus alsinoides var. villosicalyx and Pterocaulon sphacelatum over Very Open Climber of Gylcine canescens | Good | East | Low | Loamy Sand | Brown | Old (6+ yr) | Cattle Grazing | Other Disturbance: Road/ Access Track, Weed Invasion | 309907 | 7364207 |
| SA-21 | Stony Plain | Low Open Shrubland of Eremophila cuneifolia (Acacia synchronicia) with Scattered Tall Shrubs of Acacia synchronicia (Acacia xiphophylla) | Very Good | Flat | Flat | Sandy Loam | Red | Old (6+ yr) | Road/ Access Track | Soil Colour: Red/ Brown | 369906 | 7364784 |
| SA-22 | Stony Plain | Woodland of Acacia xiphophylla over High Open Shrubland of Acacia synchronicia over Low Open Shrubland of Eremophila cuneifolia and Senna sp. Meekatharra (E. Bailey 1-26) | Very Good | East | Low | Sandy Loam | Red | Old (6+ yr) | Road/ Access Track | Soil Colour: Red/ Brown | 369369 | 7366497 |
| SA-23 | Medium Drainage Line | Open Scrub of Acacia kempeana, Acacia cuthbertsonii and Acacia tetragonophylla with Low Woodland of Acacia sp. Mulga Paraburdoo (B.R. Maslin et al. BRM 9201) over Open Tussock Grassland of *Cenchrus ciliaris and *Cenchrus setiger over Very Open Herbs of Pterocaulon spahcelatum, Trichodesma zeylanicum and Crotalaria medicaginea | Good | South | Low | Loamy Sand | Brown | Old (6+ yr) | Cattle Grazing | Other Disturbance: Weed Invasion | 368098 | 7366087 |
| SA-24 | Hillslope | High Open Shrubland of Acacia kempeana and Acacia tetragonophylla over Open Shrubland of Eremophila fraseri and Senna artmisioides subsp. helmsii over Low Open Shrubland of Senna artemisioides subsp. helmsii and Ptilotus obovatus | Good | South/ East | Low | Sandy Loam | Brown | Old (6+ yr) | Cattle Grazing | Other Disturbance: Road/ Access Track | 367688 | 7366299 |
| SA-25 | Drainage Area/ Floodplain | Low Open Woodland of Acacia macraneura over High Open Shrubland of Acacia cuthbertsonii and Acacia tetragonophylla over Low Open Shrubland of Eremophila fraserii and Senna artemisioides subsp. helmsii | Degraded | South/ West | Low | Loamy Sand | Red | Old (6+ yr) | Cattle Grazing | Other Disturbance: Mining Exploration, Rubbish: Soil Colour: Red/ Brown | 367403 | 7366922 |

| Site | Landform | Vegetation type | Condition | Aspect | Slope | Soil Colour | Soil Type | Last Fire | Disturbance | Comments | Easting | Northing |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SA-26 | Drainage Area/ Floodplain | High Open Shrubland of Acacia cuthbertsonii and Acacia tetragonophylla over Open Shrubland of Senna artemisioides subsp. helmsii, Eremophila fraseri and Acacia cuthbertsonii with Scattered Low Trees of Acacia macraneura over Scattered Low Shrubs of Ptilotus obovatus | Good | South/ West | Low | Loamy Sand | Brown | Old (6+ yr) | Cattle Grazing | Other Disturbance: Mining Exploration, Accress road/ Track: Soil Colour: Red/ Brown | 367594 | 7367253 |
| SA-27 | Hillslope | Open Shrubland of Eremophila fraseri, Acacia kempeana and Eremophila phyllopoda over Open Low Shrubland of Senna artemisiodes subsp. helmsii and Acacia cuthbertsonii with Scattered Tall Shruba of Acacia kempeana and Acacia tetragonophylla over Scattered Bunch Grass of Aristida contorta | Very Good | South/ East | Low | Loamy Sand | Brown | Old (6+ yr) | Cattle Grazing | Other DIsturbance: Road/ Access Track | 366226 | 7365930 |
| SA-28 | Medium Drainage Line | Low Woodland of Acacia citrinoviridis and Acacia sp. Mulga Paraburdoo (B.R. Maslin et al. BRM 9201) over High Shrubland of Acacia cuthbertsonii, Acacia tetragonophylla and Acacia sclerosperma over Open Herbs of Trichodesma zeylanicum, Pterocaulon sphacelatum and Crotalaria medicaginea over Open Tussock Grassland of *Cenchrus ciliaris and *Cenchrus setiger | Good | South/ East | Low | Loamy Sand | Brown | Old (6+ yr) | Cattle Grazing | Other Disturbance: Road/ Access Track, Weed Invasion | 371451 | 7362019 |
| SA-29 | Medium Drainage Line | Low Woodland of Acacia citrinoviridis and Acacia sp. Mulga Paraburdoo (B.R. Maslin et al. BRM 9201) over High Shrubland of Acacia tetragonophylla, Acacia cuthbertsonii and Acacia sclerosperma over Open Tussock Grassland of *Cenchrus ciliaris and *Cenchrus setiger over Very Open Herbs of Boerhavia coccinea and Trichodesma zeylanicum | Good | South/ East | Low | Loamy Sand | Brown | Old (6+ yr) | Cattle Grazing | Other Disturbance: Road/ Access Track, Weed Invasion | 371358 | 7362102 |
| SA-30 | Stony Plain | High Open Shrubland of Acacia kempeana, Acacia cuthbertsonii and Acacia tetragonophylla over Open Shrubland of Eremophila fraseri and Senna artemisioides subsp. helmsii over Low Open Shrubland of Eremophila cuneifolia, Senna artemisioides subsp. helmsii and Ptilotus obovatus over Very Open Bunch Grassland of Aristida contorta | Very Good | East | Low | Sandy Loam | Red | Old (6+ yr) | Cattle Grazing | Other Disturbance: Road/ Access Track: Soil Colour: Red/ Brown | 370213 | 7363631 |
| SA-31 | Stony Plain | Low Open Shrubland of Senna artemisioides subsp. helmsii, Eremophila exilifolia and Eremophila fraseri with Scattered Tall Shrubs of Acacia kempeana and Grevillea berryana over Scattered Shrubs of Eremophila fraseri and Senna artemisioides subsp. helmsii | Very Good | South | Low | Sandy Loam | Brown | Old (6+ yr) | Cattle Grazing | Other Disturbance: Road/ Access Track | 370147 | 7363895 |
| SA-32 | Minor Drainage Line | Open Scrub of Acacia cuthbertsonii, Acacia kempeana and Acacia tetragonophylla over Open Herbs of Abutilon sp. indet, Pterocaulon sphacelatum and Trichodesma zeylanicum with Low Open Woodland of Acacia macraneura over Very Open Climber of Glycine canescens | Very Good | South/ East | Low | Sandy Loam | Red | Old (6+ yr) | Road/ Access Track | Other Disturbance: Weed Invasion | 369570 | 7365068 |

## FLORISTICS

| Site | Sampling | Observed | Genus | Species | Rank | Infra Name | Significant | Native / Introduced | % Cover | Height (m) |
|---|---|---|---|---|---|---|---|---|---|---|
| SOM-01 | Quadrat | 3/08/2024 | Abutilon | fraseri | | | No | Native | 0.5 | 0.1 |
| SOM-01 | Quadrat | 3/08/2024 | Acacia | aptaneura | | | No | Native | 1.5 | 2-6 |
| SOM-01 | Quadrat | 3/08/2024 | Acacia | tetragonophylla | | | No | Native | 2 | 1.5-3 |
| SOM-01 | Quadrat | 3/08/2024 | Afrohybanthus | aurantiacus | | | No | Native | + | 0.5 |
| SOM-01 | Quadrat | 3/08/2024 | Amaranthus | cuspidifolius | | | No | Native | 0.5 | 0.6 |
| SOM-01 | Quadrat | 3/08/2024 | Amaranthus | | sp. | indet. | No | Native | + | 0.1 |
| SOM-01 | Quadrat | 3/08/2024 | Aristida | contorta | | | No | Native | 1.5 | 0.2 |
| SOM-01 | Quadrat | 3/08/2024 | Asphodelus | fistulosus | | | No | Introduced | + | 0.2 |
| SOM-01 | Quadrat | 3/08/2024 | Brachyscome | | sp. | indet | No | Native | (+) | 0.1 |
| SOM-01 | Quadrat | 3/08/2024 | Calocephalus | | cf. | francisii | No | Native | + | 0.1 |
| SOM-01 | Quadrat | 3/08/2024 | Calotis | plumulifera | | | No | Native | + | 0.1 |
| SOM-01 | Quadrat | 3/08/2024 | Cenchrus | ciliaris | | | No | Introduced | 1 | 0.2 |
| SOM-01 | Quadrat | 3/08/2024 | Cheilanthes | brownii | | | No | Native | 0.5 | 0.1 |
| SOM-01 | Quadrat | 3/08/2024 | Convolvulus | clementii | | | No | Native | + | cr |
| SOM-01 | Quadrat | 3/08/2024 | Crotolaria | medicaginea | var. | neglecta | No | Native | + | 0.1 |
| SOM-01 | Quadrat | 3/08/2024 | Cymbopogon | ambiguus | | | No | Native | + | 0.7 |
| SOM-01 | Quadrat | 3/08/2024 | Dendrophyllanthus | erwinii | | | No | Native | + | 0.1 |
| SOM-01 | Quadrat | 3/08/2024 | Dysphania | rhadinostachya | | | No | Native | 0.5 | 0.1 |
| SOM-01 | Quadrat | 3/08/2024 | Eremophila | latrobei | subsp. | glabra | No | Native | 0.5 | 0.5-1.5 |
| SOM-01 | Opportunistic | 3/08/2024 | Eremophila | phyllopoda | subsp. | phyllopoda | No | Native | | |
| SOM-01 | Quadrat | 3/08/2024 | Glycine | canescens | | | No | Native | 0.5 | cl |
| SOM-01 | Quadrat | 3/08/2024 | Gomphrena | cunninghamii | | | No | Native | + | 0.1 |
| SOM-01 | Quadrat | 3/08/2024 | Grevillea | berryana | | | No | Native | 0.5 | 2-4 |
| SOM-01 | Quadrat | 3/08/2024 | Leichhardtia | australis | | | No | Native | + | cr |
| SOM-01 | Quadrat | 3/08/2024 | Lepidium | oxytrichum | | | No | Native | 1 | 0.15 |
| SOM-01 | Quadrat | 3/08/2024 | Lobelia | heterophylla | subsp. | pilbarensis | No | Native | 0.5 | 0.1 |
| SOM-01 | Quadrat | 3/08/2024 | Nicotiana | occidentalis | | | No | Native | + | 0.15 |
| SOM-01 | Quadrat | 3/08/2024 | Paspalidium | clementii | | | No | Native | 4 | 0.25 |
| SOM-01 | Quadrat | 3/08/2024 | Polycarpaea | longiflora | | | No | Native | + | 0.2 |
| SOM-01 | Quadrat | 3/08/2024 | Portulaca | oleracea | | | No | Native | 1 | 0.05 |
| SOM-01 | Quadrat | 3/08/2024 | Psydrax | latifolia | | | No | Native | 1.5 | 3-4 |
| SOM-01 | Quadrat | 3/08/2024 | Ptilotus | exaltatus | | | No | Native | + | 0.1 |
| SOM-01 | Quadrat | 3/08/2024 | Ptilotus | obovatus | | | No | Native | 10 | 0.7 |
| SOM-01 | Quadrat | 3/08/2024 | Rhodanthe | maryonii | | | No | Native | + | 0.1 |
| SOM-01 | Quadrat | 3/08/2024 | Scaevola | spinescens | | | No | Native | 0.5 | 1-2 |
| SOM-01 | Quadrat | 3/08/2024 | Senna | glutinosa | subsp. | glutinosa | No | Native | 0.5 | 2 |
| SOM-01 | Quadrat | 3/08/2024 | Swainsona | incei | | | No | Native | 0.5 | 0.7 |
| SOM-01 | Quadrat | 3/08/2024 | Trachymene | pilbarensis | | | No | Native | 4 | 0.5 |
| SOM-01 | Quadrat | 3/08/2024 | Tribulus | suberosus | | | No | Native | 1 | 1 |
| SOM-01 | Quadrat | 3/08/2024 | Trichodesma | zeylanium | subsp. | zeylanium | No | Native | 0.5 | 0.3 |
| SOM-02 | Quadrat | 3/08/2024 | Acacia | kempeana | | | No | Native | 1 | 1-2.5 |
| SOM-02 | Quadrat | 3/08/2024 | Acacia | tetragonophylla | | | No | Native | + | 1-2 |
| SOM-02 | Quadrat | 3/08/2024 | Aristida | contorta | | | No | Native | 4 | 0.3 |
| SOM-02 | Quadrat | 3/08/2024 | Eremophila | phyllopoda | subsp. | phyllopoda | No | Native | 3 | 1-2 |
| SOM-02 | Quadrat | 3/08/2024 | Grevillea | berryana | | | No | Native | + | 3 |
| SOM-02 | Quadrat | 3/08/2024 | Paspalidium | clementii | | | No | Native | 0.5 | 0.3 |
| SOM-02 | Quadrat | 3/08/2024 | Psydrax | latifolia | | | No | Native | + | 2 |
| SOM-02 | Quadrat | 3/08/2024 | Ptilotus | obovatus | | | No | Native | 0.5 | 0.5 |

| Site | Sampling | Observed | Genus | Species | Rank | Infra Name | Significant | Native / Introduced | % Cover | Height (m) |
|---|---|---|---|---|---|---|---|---|---|---|
| SOM-02 | Quadrat | 3/08/2024 | Senna | glutinosa | subsp. | ×luerssenii | No | Native | + | 1-2 |
| SOM-02 | Quadrat | 7/08/2024 | Stenopetalum | anfractum | | | No | Native | | |
| SOM-02 | Quadrat | 3/08/2024 | Stenopetalum | anfractum | | | No | Native | + | 0.15 |
| SOM-02 | Quadrat | 3/08/2024 | Trachymene | pilbarensis | | | No | Native | + | 0.2 |
| SOM-02 | Quadrat | 3/08/2024 | Tribulus | suberosus | | | No | Native | + | 0.5 |
| SOM-03 | Quadrat | 3/08/2024 | Acacia | citrinoviridis | | | No | Native | 6 | 4-8 |
| SOM-03 | Quadrat | 3/08/2024 | Acacia | cuthbertsonii | | | No | Native | 3 | 1.5-3 |
| SOM-03 | Quadrat | 3/08/2024 | Acacia | subtessarogona | | | No | Native | 2 | 3-5 |
| SOM-03 | Quadrat | 3/08/2024 | Acacia | synchronicia | | | No | Native | 2 | 2-4 |
| SOM-03 | Quadrat | 3/08/2024 | Acacia | tetragonophylla | | | No | Native | 1.5 | 2 |
| SOM-03 | Quadrat | 3/08/2024 | Aristida | contorta | | | No | Native | 3 | 0.2 |
| SOM-03 | Quadrat | 3/08/2024 | Asteraceae | | sp. | indet. | No | Native | + | 0.5 |
| SOM-03 | Quadrat | 3/08/2024 | Brachyscome | | sp. | indet | No | Native | + | 0.1 |
| SOM-03 | Quadrat | 3/08/2024 | Calocephalus | | cf. | knappii | No | Native | + | 0.05 |
| SOM-03 | Quadrat | 3/08/2024 | Calotis | plumulifera | | | No | Native | + | 0.1 |
| SOM-03 | Quadrat | 3/08/2024 | Cenchrus | ciliaris | | | No | Introduced | 2 | 0.5 |
| SOM-03 | Quadrat | 3/08/2024 | Cenchrus | setiger | | | No | Introduced | + | 0.3 |
| SOM-03 | Quadrat | 3/08/2024 | Corchorus | crozophorifolius | | | No | Native | + | 0.5 |
| SOM-03 | Quadrat | 3/08/2024 | Cymbopogon | ambiguus | | | No | Native | + | 1 |
| SOM-03 | Quadrat | 3/08/2024 | Dendrophyllanthus | erwinii | | | No | Native | + | 0.02 |
| SOM-03 | Quadrat | 3/08/2024 | Duperreya | commixta | | | No | Native | + | cl |
| SOM-03 | Quadrat | 3/08/2024 | Dysphania | rhadinostachya | | | No | Native | + | 0.1 |
| SOM-03 | Quadrat | 3/08/2024 | Enchylaena | tomentosa | | | No | Native | 0.5 | 0.5-1 |
| SOM-03 | Quadrat | 3/08/2024 | Eremophila | phyllopoda | subsp. | phyllopoda | No | Native | 1 | 1.5 |
| SOM-03 | Quadrat | 3/08/2024 | Euphorbia | australis | var. | subtomentosa | No | Native | + | 0.05 |
| SOM-03 | Quadrat | 3/08/2024 | Euploca | cunninghamii | | | No | Native | + | 0.1 |
| SOM-03 | Quadrat | 3/08/2024 | Goodenia | tenuiloba | | | No | Native | + | 0.05 |
| SOM-03 | Quadrat | 3/08/2024 | Haloragis | maierae | | | No | Native | + | 0.05 |
| SOM-03 | Quadrat | 3/08/2024 | Hibiscus | sturtii | var. | indet. | No | Native | + | 0.15 |
| SOM-03 | Quadrat | 3/08/2024 | Lepidium | oxytrichum | | | No | Native | 1 | 0.1 |
| SOM-03 | Quadrat | 3/08/2024 | Maireana | planifolia | | | No | Native | + | 0.65 |
| SOM-03 | Quadrat | 3/08/2024 | Paspalidium | clementii | | | No | Native | 0.5 | 0.2 |
| SOM-03 | Quadrat | 3/08/2024 | Polycarpaea | longiflora | | | No | Native | + | 0.3 |
| SOM-03 | Quadrat | 3/08/2024 | Portulaca | oleracea | | | No | Native | 1 | 0.02 |
| SOM-03 | Quadrat | 3/08/2024 | Ptilotus | obovatus | | | No | Native | 8 | 0.5 |
| SOM-03 | Quadrat | 3/08/2024 | Roepera | kochii | | | No | Native | + | 0.1 |
| SOM-03 | Quadrat | 3/08/2024 | Salsola | australis | | | No | Native | + | 0.1 |
| SOM-03 | Quadrat | 3/08/2024 | Senna | artemisioides | subsp. | helmsii | No | Native | 1.5 | 1-2 |
| SOM-03 | Quadrat | 3/08/2024 | Senna | glutinosa | subsp. | ×luerssenii | No | Native | 0.5 | 1-2 |
| SOM-03 | Quadrat | 3/08/2024 | Streptoglossa | | sp. | indet. | No | Native | + | 0.3 |
| SOM-03 | Quadrat | 3/08/2024 | Swainsona | rotunda | | | No | Native | + | 0.3 |
| SOM-03 | Quadrat | 3/08/2024 | Trachymene | pilbarensis | | | No | Native | 0.5 | 0.5 |
| SOM-03 | Quadrat | 3/08/2024 | Tragus | australianus | | | No | Native | 0.5 | 0.1 |
| SOM-03 | Quadrat | 3/08/2024 | Trichodesma | zeylanium | subsp. | zeylanium | No | Native | + | 0.1 |
| SOM-04 | Quadrat | 3/08/2024 | Abutilon | amplum | | | No | Native | + | 2 |
| SOM-04 | Quadrat | 3/08/2024 | Acacia | citrinoviridis | | | No | Native | 12 | 8-15 |
| SOM-04 | Quadrat | 3/08/2024 | Alternanthera | nana | | | No | Native | | |
| SOM-04 | Quadrat | 3/08/2024 | Alternanthera | nodiflora | | | No | Native | 2 | 0.1 |
| SOM-04 | Quadrat | 3/08/2024 | Arivela | viscosa | | | No | Native | + | 0.1 |
| SOM-04 | Quadrat | 3/08/2024 | Asphodelus | fistulosus | | | No | Introduced | + | 0.2 |

| Site | Sampling | Observed | Genus | Species | Rank | Infra Name | Significant | Native / Introduced | % Cover | Height (m) |
|---|---|---|---|---|---|---|---|---|---|---|
| SOM-04 | Quadrat | 3/08/2024 | Bidens | bipinnata | | | No | Introduced | | |
| SOM-04 | Quadrat | 3/08/2024 | Bidens | bipinnata | | | No | Introduced | + | 0.15 |
| SOM-04 | Quadrat | 3/08/2024 | Bothriochloa | ewartiana | | | No | Native | 1 | 0.5-1 |
| SOM-04 | Quadrat | 3/08/2024 | Calotis | plumulifera | | | No | Native | + | 0.1 |
| SOM-04 | Quadrat | 3/08/2024 | Cenchrus | ciliaris | | | No | Introduced | 1 | 0.4 |
| SOM-04 | Quadrat | 3/08/2024 | Cenchrus | setiger | | | No | Introduced | 15 | 0.5-1 |
| SOM-04 | Quadrat | 3/08/2024 | Centipeda | thespidioides | | | No | Native | 1 | 0.05 |
| SOM-04 | Quadrat | 3/08/2024 | Cheilanthes | sieberi | | | No | Native | + | 0.1 |
| SOM-04 | Quadrat | 3/08/2024 | Convolvulus | clementii | | | No | Native | + | cl |
| SOM-04 | Quadrat | 3/08/2024 | Cymbopogon | ambiguus | | | No | Native | + | 1 |
| SOM-04 | Quadrat | 3/08/2024 | Datura | leichhardtii | subsp. | leichhardtii | No | Introduced | + | 0.2 |
| SOM-04 | Quadrat | 3/08/2024 | Dendrophyllanthus | erwinii | | | No | Native | + | 0.03 |
| SOM-04 | Quadrat | 3/08/2024 | Dipteracanthus | australasicus | subsp. | australasicus | No | Native | + | 0.15 |
| SOM-04 | Quadrat | 3/08/2024 | Duperreya | commixta | | | No | Native | + | cl |
| SOM-04 | Quadrat | 3/08/2024 | Dysphania | rhadinostachya | | | No | Native | + | 0.1 |
| SOM-04 | Quadrat | 3/08/2024 | Eucalyptus | victrix | | | No | Native | 15 | 15-25 |
| SOM-04 | Quadrat | 3/08/2024 | Euphorbia | australis | var. | subtomentosa | No | Native | + | 0.01 |
| SOM-04 | Quadrat | 3/08/2024 | Euphorbia | biconvexa | | | No | Native | + | 0.05 |
| SOM-04 | Quadrat | 3/08/2024 | Goodenia | forrestii | | | No | Native | | |
| SOM-04 | Opportunistic | 3/08/2024 | Goodenia | forrestii | | | No | Native | | |
| SOM-04 | Opportunistic | 3/08/2024 | Haloragis | maierae | | | No | Native | | |
| SOM-04 | Quadrat | 3/08/2024 | Harnieria | | sp. | Gascoyne (J.P. Bull ONS-2721.04) | Yes | Native | + | 0.25 |
| SOM-04 | Quadrat | 3/08/2024 | Indigofera | monophylla | | | No | Native | + | 0.5 |
| SOM-04 | Quadrat | 3/08/2024 | Lepidium | oxytrichum | | | No | Native | + | 0.1 |
| SOM-04 | Quadrat | 3/08/2024 | Malvastrum | americanum | | | No | Introduced | 0.5 | 0.15 |
| SOM-04 | Quadrat | 3/08/2024 | Marsilea | hirsuta | | | No | Native | 0.5 | 0.15 |
| SOM-04 | Quadrat | 3/08/2024 | Nicotiana | occidentalis | | | No | Native | + | 0.15 |
| SOM-04 | Quadrat | 3/08/2024 | Pluchea | dentex | | | No | Native | 1.5 | 0.7 |
| SOM-04 | Quadrat | 3/08/2024 | Portulaca | oleracea | | | No | Native | + | 0.05 |
| SOM-04 | Quadrat | 3/08/2024 | Rumex | vesicarius | | | No | Introduced | + | 0.2 |
| SOM-04 | Quadrat | 3/08/2024 | Swainsona | incei | | | No | Native | | |
| SOM-04 | Opportunistic | 3/08/2024 | Swainsona | incei | | | No | Native | | |
| SOM-04 | Quadrat | 3/08/2024 | Trachymene | pilbarensis | | | No | Native | 0.5 | 0.1 |
| SOM-04 | Quadrat | 3/08/2024 | Trichodesma | zeylanium | subsp. | zeylanium | No | Native | + | 0.1 |
| SOM-04 | Quadrat | 3/08/2024 | Wahlenbergia | tumidifructa | | | No | Native | | |
| SOM-04 | Quadrat | 3/08/2024 | Wahlenbergia | tumidifructa | | | No | Native | 0.5 | 0.1 |
| SOM-05 | Quadrat | 3/08/2024 | Acacia | cuthbertsonii | | | No | Native | 1 | 1-2 |
| SOM-05 | Quadrat | 3/08/2024 | Acacia | synchronicia | | | No | Native | + | 2 |
| SOM-05 | Quadrat | 3/08/2024 | Acacia | tetragonophylla | | | No | Native | + | 1 |
| SOM-05 | Quadrat | 3/08/2024 | Aristida | contorta | | | No | Native | 2.5 | 0.2 |
| SOM-05 | Opportunistic | 3/08/2024 | Crotolaria | medicaginea | var. | neglecta | No | Native | | |
| SOM-05 | Opportunistic | 3/08/2024 | Cymbopogon | ambiguus | | | No | Native | | |
| SOM-05 | Quadrat | 3/08/2024 | Eremophila | cuneifolia | | | No | Native | 2 | 0.5-1 |
| SOM-05 | Opportunistic | 3/08/2024 | Eremophila | phyllopoda | subsp. | phyllopoda | No | Native | | |
| SOM-05 | Opportunistic | 3/08/2024 | Glycine | canescens | | | No | Native | | |
| SOM-05 | Opportunistic | 3/08/2024 | Leichhardtia | australis | | | No | Native | | |
| SOM-05 | Quadrat | 3/08/2024 | Maireana | tomentosa | | | No | Native | + | 0.7 |
| SOM-05 | Quadrat | 3/08/2024 | Malvaceae | | sp. | indet. | No | Native | + | 0.02 |
| SOM-05 | Quadrat | 3/08/2024 | Poaceae | | sp. | indet. | No | Native | 2 | 0.2 |
| SOM-05 | Quadrat | 3/08/2024 | Ptilotus | obovatus | | | No | Native | + | 0.3 |

| Site | Sampling | Observed | Genus | Species | Rank | Infra Name | Significant | Native / Introduced | % Cover | Height (m) |
|---|---|---|---|---|---|---|---|---|---|---|
| SOM-05 | Quadrat | 3/08/2024 | Roepera | kochii | | | No | Native | 0.5 | 0.1 |
| SOM-05 | Quadrat | 3/08/2024 | Sclerolaena | | sp. | indet. | No | Native | + | 0.05 |
| SOM-05 | Quadrat | 3/08/2024 | Senna | artemisioides | subsp. | helmsii | No | Native | 8 | 0.5-1.8 |
| SOM-05 | Quadrat | 3/08/2024 | Senna | glutinosa | subsp. | ×luerssenii | No | Native | 1 | 2 |
| SOM-05 | Quadrat | 3/08/2024 | Swainsona | incei | | | No | Native | 1 | 0.1 |
| SOM-05 | Quadrat | 3/08/2024 | Trichodesma | zeylanium | subsp. | zeylanium | No | Native | + | 0.1 |
| SOM-06 | Quadrat | 3/08/2024 | Abutilon | | sp. | indet | No | Native | + | 0.1 |
| SOM-06 | Quadrat | 3/08/2024 | Acacia | cuthbertsonii | | | No | Native | 1.5 | 2-2.5 |
| SOM-06 | Quadrat | 3/08/2024 | Acacia | pruinocarpa | | | No | Native | 1.5 | 6-7 |
| SOM-06 | Opportunistic | 3/08/2024 | Acacia | sclerosperma | subsp. | sclerosperma | No | Native | | |
| SOM-06 | Quadrat | 3/08/2024 | Acacia | subtessarogona | | | No | Native | 6 | 5-7 |
| SOM-06 | Quadrat | 3/08/2024 | Acacia | tetragonophylla | | | No | Native | 1.5 | 2-3 |
| SOM-06 | Quadrat | 3/08/2024 | Acacia | | cf. | sibirica | No | Native | 1.5 | 6 |
| SOM-06 | Quadrat | 3/08/2024 | Aristida | contorta | | | No | Native | 2 | 0.2 |
| SOM-06 | Quadrat | 3/08/2024 | Brachyscome | | sp. | indet | No | Native | + | 0.1 |
| SOM-06 | Quadrat | 3/08/2024 | Calocephalus | | cf. | francisii | No | Native | + | 0.5 |
| SOM-06 | Quadrat | 3/08/2024 | Chenopodium | auricomum | | | No | Native | + | 0.1 |
| SOM-06 | Quadrat | 3/08/2024 | Convolvulus | clementii | | | No | Native | + | cl |
| SOM-06 | Quadrat | 3/08/2024 | Crotolaria | medicaginea | var. | neglecta | No | Native | + | 0.1 |
| SOM-06 | Quadrat | 3/08/2024 | Dendrophyllanthus | erwinii | | | No | Native | + | 0.02 |
| SOM-06 | Quadrat | 3/08/2024 | Digitaria | brownii | | | No | Native | + | 0.7 |
| SOM-06 | Quadrat | 3/08/2024 | Dodonaea | petiolaris | | | No | Native | 0.5 | 1 |
| SOM-06 | Quadrat | 3/08/2024 | Dysphania | rhadinostachya | | | No | Native | 0.5 | 0.1 |
| SOM-06 | Quadrat | 3/08/2024 | Eremophila | latrobei | subsp. | glabra | No | Native | + | 2 |
| SOM-06 | Quadrat | 3/08/2024 | Eremophila | phyllopoda | subsp. | phyllopoda | No | Native | 5 | 1.5-3 |
| SOM-06 | Quadrat | 3/08/2024 | Goodenia | forrestii | | | No | Native | + | 0.2 |
| SOM-06 | Quadrat | 3/08/2024 | Goodenia | tenuiloba | | | No | Native | 0.5 | 0.1 |
| SOM-06 | Quadrat | 3/08/2024 | Grevillea | berryana | | | No | Native | 1 | 2-5 |
| SOM-06 | Quadrat | 3/08/2024 | Indigofera | decipiens | | | No | Native | + | 0.2 |
| SOM-06 | Quadrat | 3/08/2024 | Leichhardtia | australis | | | No | Native | + | cl |
| SOM-06 | Quadrat | 3/08/2024 | Lepidium | oxytrichum | | | No | Native | + | 0.1 |
| SOM-06 | Quadrat | 3/08/2024 | Maireana | | sp. | indet. | No | Native | + | 0.05 |
| SOM-06 | Quadrat | 3/08/2024 | Paspalidium | clementii | | | No | Native | + | 0.15 |
| SOM-06 | Quadrat | 3/08/2024 | Portulaca | oleracea | | | No | Native | 0.5 | 0.05 |
| SOM-06 | Quadrat | 3/08/2024 | Psydrax | latifolia | | | No | Native | 1.5 | 4-6 |
| SOM-06 | Quadrat | 3/08/2024 | Ptilotus | obovatus | | | No | Native | 4 | 0.5 |
| SOM-06 | Quadrat | 3/08/2024 | Senna | glutinosa | subsp. | ×luerssenii | No | Native | 0.5 | 1-2 |
| SOM-06 | Quadrat | 3/08/2024 | Solanum | | sp. | indet | No | Native | + | 0.05 |
| SOM-06 | Quadrat | 3/08/2024 | Stenopetalum | anfractum | | | No | Native | + | 0.2 |
| SOM-06 | Quadrat | 3/08/2024 | Teucrium | teucriiflorum | | | No | Native | + | 1 |
| SOM-06 | Quadrat | 3/08/2024 | Trachymene | pilbarensis | | | No | Native | + | 0.2 |
| SOM-06 | Quadrat | 3/08/2024 | Trichodesma | zeylanium | subsp. | zeylanium | No | Native | + | 0.1 |
| SOM-07 | Quadrat | 3/08/2024 | Acacia | tetragonophylla | | | No | Native | + | 1 |
| SOM-07 | Quadrat | 3/08/2024 | Aristida | contorta | | | No | Native | 4 | 0.2 |
| SOM-07 | Quadrat | 3/08/2024 | Dendrophyllanthus | erwinii | | | No | Native | + | 0.03 |
| SOM-07 | Quadrat | 3/08/2024 | Eremophila | phyllopoda | subsp. | phyllopoda | No | Native | 3.5 | 1-2.5 |
| SOM-07 | Quadrat | 3/08/2024 | Grevillea | berryana | | | No | Native | 0.5 | 2-4 |
| SOM-07 | Quadrat | 3/08/2024 | Paspalidium | clementii | | | No | Native | + | 0.1 |
| SOM-07 | Quadrat | 3/08/2024 | Poaceae | | sp. | indet. | No | Native | + | 0.4 |
| SOM-07 | Quadrat | 3/08/2024 | Ptilotus | obovatus | | | No | Native | 0.5 | 0.4 |

| Site | Sampling | Observed | Genus | Species | Rank | Infra Name | Significant | Native / Introduced | % Cover | Height (m) |
|---|---|---|---|---|---|---|---|---|---|---|
| SOM-07 | Quadrat | 3/08/2024 | Senna | glutinosa | subsp. | ×luerssenii | No | Native | 1 | 1-2 |
| SOM-07 | Quadrat | 3/08/2024 | Trachymene | pilbarensis | | | No | Native | + | 0.1 |
| SOM-07 | Quadrat | 3/08/2024 | Tribulus | suberosus | | | No | Native | 0.5 | 0.5 |
| SOM-08 | Quadrat | 3/08/2024 | Acacia | cuthbertsonii | | | No | Native | 0.5 | 1 |
| SOM-08 | Quadrat | 3/08/2024 | Acacia | synchronicia | | | No | Native | 0.5 | 1-2 |
| SOM-08 | Quadrat | 3/08/2024 | Acacia | tetragonophylla | | | No | Native | 1 | 2 |
| SOM-08 | Quadrat | 3/08/2024 | Aristida | contorta | | | No | Native | 0.5 | 0.25 |
| SOM-08 | Quadrat | 3/08/2024 | Atriplex | | sp. | indet. | No | Native | + | 0.5 |
| SOM-08 | Quadrat | 3/08/2024 | Brachyachne | convergens | | | No | Native | + | 0.1 |
| SOM-08 | Opportunistic | 6/08/2024 | Bulbostylis | barbata | | | No | Native | | |
| SOM-08 | Quadrat | 3/08/2024 | Calandrinia | ptychosperma | | | No | Native | 0.5 | 0.03 |
| SOM-08 | Quadrat | 3/08/2024 | Calandrinia | pumila | | | No | Native | + | 0.02 |
| SOM-08 | Quadrat | 3/08/2024 | Calocephalus | | cf. | knappii | No | Native | + | 0.1 |
| SOM-08 | Quadrat | 3/08/2024 | Calocephalus | | cf. | knappii | No | Native | 0.5 | 0.1 |
| SOM-08 | Quadrat | 3/08/2024 | Calotis | hispidula | | | No | Native | 2 | 0.1 |
| SOM-08 | Quadrat | 3/08/2024 | Calotis | plumulifera | | | No | Native | 0.5 | 0.1 |
| SOM-08 | Quadrat | 3/08/2024 | Cenchrus | setiger | | | No | Introduced | + | 0.2 |
| SOM-08 | Quadrat | 3/08/2024 | Chloris | pectinata | | | No | Native | + | 0.1 |
| SOM-08 | Quadrat | 3/08/2024 | Convolvulus | clementii | | | No | Native | + | cr |
| SOM-08 | Quadrat | 3/08/2024 | Cyperus | iria | | | No | Native | + | 0.05 |
| SOM-08 | Quadrat | 3/08/2024 | Dichanthium | sericeum | subsp. | humilius | No | Native | 0.5 | 0.25 |
| SOM-08 | Quadrat | 3/08/2024 | Dysphania | | sp. | indet | No | Native | 0.5 | 0.1 |
| SOM-08 | Quadrat | 3/08/2024 | Enchylaena | tomentosa | | | No | Native | + | 0.7 |
| SOM-08 | Quadrat | 3/08/2024 | Eragrostis | leptocarpa | | | No | Native | + | 0.25 |
| SOM-08 | Quadrat | 3/08/2024 | Eragrostis | xerophila | | | No | Native | 1 | 0.3 |
| SOM-08 | Quadrat | 3/08/2024 | Eragrostis | xerophila | | | No | Native | 5 | 0.35 |
| SOM-08 | Quadrat | 3/08/2024 | Eragrostis | xerophila | | | No | Native | | |
| SOM-08 | Quadrat | 3/08/2024 | Eremophila | cuneifolia | | | No | Native | 2 | 1.5 |
| SOM-08 | Quadrat | 3/08/2024 | Eriachne | benthamii | | | No | Native | 2 | 0.3 |
| SOM-08 | Quadrat | 3/08/2024 | Eriachne | benthamii | | | No | Native | + | 0.4 |
| SOM-08 | Quadrat | 3/08/2024 | Erodium | cygnorum | | | No | Native | + | 0.1 |
| SOM-08 | Quadrat | 3/08/2024 | Euphorbia | boophthona | | | No | Native | 0.25 | 0.1 |
| SOM-08 | Opportunistic | 3/08/2024 | Euphorbia | porcata | | | No | Native | | |
| SOM-08 | Opportunistic | 3/08/2024 | Goodenia | tenuiloba | | | No | Native | | |
| SOM-08 | Quadrat | 3/08/2024 | Haloragis | maierae | | | No | Native | + | 0.1 |
| SOM-08 | Quadrat | 3/08/2024 | Lotus | cruentus | | | No | Native | 0.5 | 0.1 |
| SOM-08 | Quadrat | 3/08/2024 | Operculina | aequisepala | | | No | Native | + | 0.2 |
| SOM-08 | Quadrat | 3/08/2024 | Portulaca | oleracea | | | No | Native | + | 0.05 |
| SOM-08 | Quadrat | 3/08/2024 | Ptilotus | aervoides | | | No | Native | 0.5 | 0.05 |
| SOM-08 | Opportunistic | 3/08/2024 | Ptilotus | aervoides | | | No | Native | | |
| SOM-08 | Quadrat | 3/08/2024 | Ptilotus | gomphrenoides | | | No | Native | 7 | 0.1 |
| SOM-08 | Quadrat | 3/08/2024 | Ptilotus | obovatus | | | No | Native | 0.5 | 0.5 |
| SOM-08 | Quadrat | 3/08/2024 | Rhodanthe | floribunda | | | No | Native | + | 0.1 |
| SOM-08 | Quadrat | 3/08/2024 | Rhynchosia | minima | | | No | Native | 0.5 | 0.3 |
| SOM-08 | Quadrat | 3/08/2024 | Roepera | kochii | | | No | Native | + | 0.5 |
| SOM-08 | Quadrat | 3/08/2024 | Salsola | australis | | | No | Native | + | 0.1 |
| SOM-08 | Quadrat | 3/08/2024 | Sclerolaena | | sp. | indet. | No | Native | + | 0.05 |
| SOM-08 | Quadrat | 3/08/2024 | Senna | artemisioides | subsp. | oligophylla | No | Native | 2 | 0.5 |
| SOM-08 | Quadrat | 3/08/2024 | Sida | fibulifera | | | No | Native | 0.5 | 0.1 |
| SOM-08 | Quadrat | 3/08/2024 | Solanum | lasiophyllum | | | No | Native | + | 0.5 |

| Site | Sampling | Observed | Genus | Species | Rank | Infra Name | Significant | Native / Introduced | % Cover | Height (m) |
|---|---|---|---|---|---|---|---|---|---|---|
| SOM-08 | Quadrat | 3/08/2024 | Sporobulus | australasicus | | | No | Native | + | 0.02 |
| SOM-08 | Opportunistic | 3/08/2024 | Stenopetalum | anfractum | | | No | Native | | |
| SOM-08 | Quadrat | 3/08/2024 | Streptoglossa | bubakii | | | No | Native | + | 0.2 |
| SOM-08 | Quadrat | 3/08/2024 | Streptoglossa | bubakii | | | No | Native | 0.5 | 0.15 |
| SOM-08 | Quadrat | 3/08/2024 | Swainsona | pterostylis | | | No | Native | + | 0.2 |
| SOM-08 | Quadrat | 3/08/2024 | Synaptantha | tillaeacea | var. | tillaeacea | No | Native | + | 0.02 |
| SOM-08 | Quadrat | 3/08/2024 | Tragus | australianus | | | No | Native | + | 0.2 |
| SOM-08 | Quadrat | 3/08/2024 | Tribulus | astrocarpus | | | No | Native | + | 0.01 |
| SOM-08 | Quadrat | 3/08/2024 | Wahlenbergia | tumidifructa | | | No | Native | + | 0.3 |
| SOM-09 | Quadrat | 4/08/2024 | Acacia | cuthbertsonii | | | No | Native | + | 0.5 |
| SOM-09 | Quadrat | 4/08/2024 | Acacia | synchronicia | | | No | Native | + | 1 |
| SOM-09 | Quadrat | 4/08/2024 | Aristida | contorta | | | No | Native | 0.5 | 0.2 |
| SOM-09 | Opportunistic | 4/08/2024 | Eremophea | spinosa | | | No | Native | | |
| SOM-09 | Quadrat | 4/08/2024 | Eremophila | cuneifolia | | | No | Native | 2 | 0.5-1.5 |
| SOM-09 | Quadrat | 4/08/2024 | Eriachne | pulchella | subsp. | dominii | No | Native | + | 0.1 |
| SOM-09 | Quadrat | 4/08/2024 | Euphorbia | boophthona | | | No | Native | + | 0.1 |
| SOM-09 | Quadrat | 4/08/2024 | Goodenia | tenuiloba | | | No | Native | + | 0.1 |
| SOM-09 | Quadrat | 4/08/2024 | Hakea | preissii | | | No | Native | 1.5 | 1.5-2.5 |
| SOM-09 | Quadrat | 4/08/2024 | Leichhardtia | australis | | | No | Native | + | cl |
| SOM-09 | Quadrat | 4/08/2024 | Maireana | planifolia | | | No | Native | + | 0.5 |
| SOM-09 | Quadrat | 4/08/2024 | Ptilotus | exaltatus | | | No | Native | + | 0.1 |
| SOM-09 | Quadrat | 4/08/2024 | Ptilotus | obovatus | | | No | Native | + | 0.5 |
| SOM-09 | Quadrat | 4/08/2024 | Sclerolaena | costata | | | No | Native | + | 0.1 |
| SOM-09 | Quadrat | 4/08/2024 | Senna | artemisioides | subsp. | helmsii | No | Native | + | 1-2 |
| SOM-09 | Quadrat | 4/08/2024 | Senna | artemisioides | subsp. | oligophylla | No | Native | 0.5 | 0.5-1.5 |
| SOM-09 | Quadrat | 4/08/2024 | Senna | glutinosa | subsp. | ×luerssenii | No | Native | 0.5 | 1-1.5 |
| SOM-09 | Quadrat | 4/08/2024 | Senna | stricta | | | No | Native | + | 1 |
| SOM-09 | Opportunistic | 4/08/2024 | Stylobasium | spathulatum | | | No | Native | | |
| SOM-10 | Quadrat | 4/08/2024 | Abutilon | | sp. | indet. | No | Native | + | 0.1 |
| SOM-10 | Quadrat | 4/08/2024 | Acacia | tetragonophylla | | | No | Native | + | 0.5-1 |
| SOM-10 | Quadrat | 4/08/2024 | Aristida | contorta | | | No | Native | 1.5 | 0.2 |
| SOM-10 | Quadrat | 4/08/2024 | Asteraceae | | sp. | indet. | No | Native | + | 0.1 |
| SOM-10 | Quadrat | 4/08/2024 | Eremophea | spinosa | | | No | Native | 0.5 | 1 |
| SOM-10 | Quadrat | 4/08/2024 | Eremophila | cuneifolia | | | No | Native | 3 | 0.5-1 |
| SOM-10 | Quadrat | 4/08/2024 | Eriachne | pulchella | subsp. | dominii | No | Native | + | 0.1 |
| SOM-10 | Quadrat | 4/08/2024 | Hakea | preissii | | | No | Native | 2 | 2-4 |
| SOM-10 | Quadrat | 4/08/2024 | Ptilotus | exaltatus | | | No | Native | + | 0.1 |
| SOM-10 | Quadrat | 4/08/2024 | Ptilotus | obovatus | | | No | Native | + | 0.3 |
| SOM-10 | Quadrat | 4/08/2024 | Sclerolaena | | sp. | indet. | No | Native | 0.5 | 0.01 |
| SOM-10 | Quadrat | 4/08/2024 | Senna | artemisioides | subsp. | oligophylla | No | Native | + | 0.5 |
| SOM-10 | Quadrat | 4/08/2024 | Senna | glutinosa | subsp. | ×luerssenii | No | Native | 0.5 | 1-2 |
| SOM-11 | Quadrat | 4/08/2024 | Acacia | cuthbertsonii | | | No | Native | + | 2 |
| SOM-11 | Quadrat | 4/08/2024 | Acacia | macraneura | | | No | Native | 2 | 2-4 |
| SOM-11 | Quadrat | 4/08/2024 | Acacia | synchronicia | | | No | Native | 0.5 | 0.5 |
| SOM-11 | Quadrat | 4/08/2024 | Acacia | xiphophylla | | | No | Native | 2 | 1-5 |
| SOM-11 | Quadrat | 4/08/2024 | Enneapogon | caerulescens | | | No | Native | + | 0.2 |
| SOM-11 | Quadrat | 4/08/2024 | Eremophea | spinosa | | | No | Native | 10 | 0.2 |
| SOM-11 | Quadrat | 4/08/2024 | Eremophila | cuneifolia | | | No | Native | 1 | 1 |
| SOM-11 | Quadrat | 4/08/2024 | Goodenia | forrestii | | | No | Native | + | 0.05 |
| SOM-11 | Quadrat | 4/08/2024 | Hakea | preissii | | | No | Native | 0.5 | 2-4 |

| Site | Sampling | Observed | Genus | Species | Rank | Infra Name | Significant | Native / Introduced | % Cover | Height (m) |
|---|---|---|---|---|---|---|---|---|---|---|
| SOM-11 | Quadrat | 4/08/2024 | Indigofera | colutea | | | No | Native | + | 0.05 |
| SOM-11 | Quadrat | 4/08/2024 | Leichhardtia | australis | | | No | Native | + | cl |
| SOM-11 | Quadrat | 4/08/2024 | Maireana | georgei | | | No | Native | + | 0.25 |
| SOM-11 | Quadrat | 4/08/2024 | Maireana | tomentosa | | | No | Native | + | 0.4 |
| SOM-11 | Quadrat | 4/08/2024 | Ptilotus | obovatus | | | No | Native | 0.5 | 0.5 |
| SOM-11 | Quadrat | 4/08/2024 | Rhagodia | eremaea | | | No | Native | + | 1.5 |
| SOM-11 | Quadrat | 4/08/2024 | Roepera | kochii | | | No | Native | 0.5 | 0.1 |
| SOM-11 | Quadrat | 4/08/2024 | Scaevola | tomentosa | | | No | Native | + | 0.6 |
| SOM-11 | Quadrat | 4/08/2024 | Sclerolaena | costata | | | No | Native | + | 0.2 |
| SOM-11 | Quadrat | 4/08/2024 | Senna | artemisioides | subsp. | oligophylla | No | Native | 1.5 | 1 |
| SOM-11 | Quadrat | 4/08/2024 | Senna | | sp. | Meekatharra (E. Bailey 1-26) | No | Native | 0.5 | 0.7 |
| SOM-11 | Opportunistic | 4/08/2024 | Eremophea | spinosa | | | No | Native | | |
| SOM-12 | Quadrat | 4/08/2024 | Acacia | synchronicia | | | No | Native | 0.5 | 0.5 |
| SOM-12 | Quadrat | 4/08/2024 | Acacia | xiphophylla | | | No | Native | + | 2-4 |
| SOM-12 | Quadrat | 4/08/2024 | Aristida | contorta | | | No | Native | + | 0.2 |
| SOM-12 | Quadrat | 4/08/2024 | Eremophila | cuneifolia | | | No | Native | 4 | 0.5-1 |
| SOM-12 | Quadrat | 4/08/2024 | Hakea | preissii | | | No | Native | 5 | 1.5-3 |
| SOM-12 | Opportunistic | 4/08/2024 | Hibiscus | | sp. | Gardneri (A.L. Payne PRP 1435) | No | Native | | |
| SOM-12 | Quadrat | 4/08/2024 | Lepidium | platypetalum | | | No | Native | 0.5 | 0.5 |
| SOM-12 | Quadrat | 4/08/2024 | Maireana | melanocoma | | | No | Native | 0.5 | 0.3 |
| SOM-12 | Quadrat | 4/08/2024 | Maireana | tomentosa | | | No | Native | + | 0.5 |
| SOM-12 | Quadrat | 4/08/2024 | Maireana | | sp. | indet. | No | Native | 8 | 0.02 |
| SOM-12 | Quadrat | 4/08/2024 | Portulaca | oleracea | | | No | Native | + | 0.05 |
| SOM-12 | Quadrat | 4/08/2024 | Ptilotus | exaltatus | | | No | Native | + | 0.1 |
| SOM-12 | Quadrat | 4/08/2024 | Salsola | australis | | | No | Native | + | 0.1 |
| SOM-12 | Quadrat | 4/08/2024 | Scaevola | spinescens | | | No | Native | 2 | 0.5 |
| SOM-12 | Quadrat | 4/08/2024 | Sclerolaena | cuneata | | | No | Native | + | 0.2 |
| SOM-12 | Quadrat | 4/08/2024 | Senna | glutinosa | subsp. | ×luerssenii | No | Native | 2 | 1-2 |
| SOM-12 | Quadrat | 4/08/2024 | Senna | stricta | | | No | Native | + | 0.5-1 |
| SOM-13 | Quadrat | 4/08/2024 | Acacia | synchronicia | | | No | Native | 1.5 | 0.5-1.8 |
| SOM-13 | Quadrat | 4/08/2024 | Acacia | tetragonophylla | | | No | Native | + | 0.8 |
| SOM-13 | Quadrat | 4/08/2024 | Acacia | xiphophylla | | | No | Native | 2 | 3-5 |
| SOM-13 | Quadrat | 4/08/2024 | Enteropogon | ramosus | | | No | Native | 0.5 | 0.3 |
| SOM-13 | Quadrat | 4/08/2024 | Eremophila | cuneifolia | | | No | Native | 1.5 | 0.5 |
| SOM-13 | Quadrat | 4/08/2024 | Euphorbia | boophthona | | | No | Native | + | 0.1 |
| SOM-13 | Quadrat | 4/08/2024 | Hakea | preissii | | | No | Native | + | 2 |
| SOM-13 | Opportunistic | 4/08/2024 | Hibiscus | | sp. | indet. | No | Native | | |
| SOM-13 | Quadrat | 4/08/2024 | Maireana | | sp. | indet. | No | Native | 2 | 0.05 |
| SOM-13 | Quadrat | 4/08/2024 | Roepera | kochii | | | No | Native | + | 0.1 |
| SOM-13 | Quadrat | 4/08/2024 | Salsola | australis | | | No | Native | + | 0.1 |
| SOM-13 | Quadrat | 4/08/2024 | Senna | artemisioides | subsp. | oligophylla | No | Native | + | 0.5 |
| SOM-13 | Quadrat | 4/08/2024 | Senna | glutinosa | subsp. | ×luerssenii | No | Native | 0.5 | 1 |
| SOM-13 | Quadrat | 4/08/2024 | Sida | | sp. | dark green fruits (S. van Leeuwen 2260) | No | Native | + | 0.5 |
| SOM-13 | Quadrat | 4/08/2024 | Solanum | lasiophyllum | | | No | Native | + | 0.2 |
| SOM-14 | Quadrat | 4/08/2024 | Acacia | cuthbertsonii | | | No | Native | 0.5 | 2-3 |
| SOM-14 | Quadrat | 4/08/2024 | Acacia | macraneura | | | No | Native | 1.5 | 3-5 |
| SOM-14 | Quadrat | 4/08/2024 | Acacia | synchronicia | | | No | Native | 2 | 2-4 |
| SOM-14 | Quadrat | 4/08/2024 | Acacia | tetragonophylla | | | No | Native | 5 | 2-4 |
| SOM-14 | Quadrat | 4/08/2024 | Acacia | xiphophylla | | | No | Native | 1.5 | 3-4 |
| SOM-14 | Quadrat | 4/08/2024 | Aristida | contorta | | | No | Native | + | 0.2 |

| Site | Sampling | Observed | Genus | Species | Rank | Infra Name | Significant | Native / Introduced | % Cover | Height (m) |
|---|---|---|---|---|---|---|---|---|---|---|
| SOM-14 | Quadrat | 6/08/2024 | Asteraceae | | sp. | indet. | No | Native | | |
| SOM-14 | Quadrat | 6/08/2024 | Calandrinia | pumila | | | No | Native | | |
| SOM-14 | Quadrat | 4/08/2024 | Calandrinia | | sp. | indet | No | Native | + | 0.05 |
| SOM-14 | Quadrat | 4/08/2024 | Calotis | hispidula | | | No | Native | + | 0.1 |
| SOM-14 | Opportunistic | 6/08/2024 | Calotis | plumulifera | | | No | Native | | |
| SOM-14 | Quadrat | 4/08/2024 | Calotis | plumulifera | | | No | Native | 0.5 | 0.1 |
| SOM-14 | Quadrat | 4/08/2024 | Convolvulus | clementii | | | No | Native | + | cl |
| SOM-14 | Quadrat | 4/08/2024 | Cucumis | melo | | | No | Native | + | cr |
| SOM-14 | Quadrat | 6/08/2024 | Cullen | graveolens | | | No | Native | | |
| SOM-14 | Quadrat | 4/08/2024 | Cullen | graveolens | | | No | Native | 2 | 0.1 |
| SOM-14 | Quadrat | 4/08/2024 | Cyperus | iria | | | No | Native | 0.5 | 0.05 |
| SOM-14 | Quadrat | 4/08/2024 | Dichanthium | sericeum | subsp. | humilius | No | Native | 0.5 | 0.2 |
| SOM-14 | Quadrat | 4/08/2024 | Dysphania | rhadinostachya | | | No | Native | + | 0.2 |
| SOM-14 | Quadrat | 4/08/2024 | Enchylaena | tomentosa | | | No | Native | + | 0.5 |
| SOM-14 | Quadrat | 4/08/2024 | Eragrostis | leptocarpa | | | No | Native | + | 0.2 |
| SOM-14 | Quadrat | 4/08/2024 | Eragrostis | setifolia | | | No | Native | 1 | 0.3 |
| SOM-14 | Quadrat | 4/08/2024 | Eragrostis | xerophila | | | No | Native | 4 | 0.3 |
| SOM-14 | Quadrat | 4/08/2024 | Eremophila | cuneifolia | | | No | Native | 3 | 0.5-1.5 |
| SOM-14 | Quadrat | 4/08/2024 | Eremophila | phyllopoda | subsp. | phyllopoda | No | Native | + | 1 |
| SOM-14 | Quadrat | 4/08/2024 | Eriachne | benthamii | | | No | Native | 4 | 0.4 |
| SOM-14 | Quadrat | 6/08/2024 | Euphorbia | inappendiculata | var. | inappendiculata | Yes | Native | 1 | 0.05 |
| SOM-14 | Quadrat | 4/08/2024 | Goodenia | berringbinensis | | | Yes | Native | + | 0.03 |
| SOM-14 | Quadrat | 4/08/2024 | Goodenia | tenuiloba | | | No | Native | + | 0.2 |
| SOM-14 | Quadrat | 6/08/2024 | Goodenia | | aff. | pinnatifida | No | Native | | |
| SOM-14 | Quadrat | 4/08/2024 | Goodenia | | sp. | indet. | No | Native | + | 0.15 |
| SOM-14 | Opportunistic | 4/08/2024 | Hakea | preissii | | | No | Native | | |
| SOM-14 | Quadrat | 4/08/2024 | Haloragis | maierae | | | No | Native | + | 0.1 |
| SOM-14 | Quadrat | 4/08/2024 | Lotus | cruentus | | | No | Native | 0.5 | 0.1 |
| SOM-14 | Quadrat | 4/08/2024 | Malvaceae | | sp. | indet. | No | Native | 0.5 | 0.1 |
| SOM-14 | Quadrat | 4/08/2024 | Marsilea | hirsuta | | | No | Native | 0.5 | 0.03 |
| SOM-14 | Quadrat | 6/08/2024 | Marsilea | hirsuta | | | No | Native | | |
| SOM-14 | Quadrat | 4/08/2024 | Nicotiana | occidentalis | | | No | Native | + | 0.2 |
| SOM-14 | Quadrat | 4/08/2024 | Operculina | aequisepala | | | No | Native | + | 0.1 |
| SOM-14 | Quadrat | 4/08/2024 | Portulaca | oleracea | | | No | Native | + | 0.05 |
| SOM-14 | Quadrat | 4/08/2024 | Ptilotus | aervoides | | | No | Native | + | 0.1 |
| SOM-14 | Quadrat | 4/08/2024 | Ptilotus | gomphrenoides | | | No | Native | 10 | 0.1 |
| SOM-14 | Quadrat | 4/08/2024 | Rhagodia | eremaea | | | No | Native | + | 1.5 |
| SOM-14 | Quadrat | 4/08/2024 | Rhodanthe | floribunda | | | No | Native | + | 0.1 |
| SOM-14 | Quadrat | 4/08/2024 | Rhynchosia | minima | | | No | Native | + | 0.2 |
| SOM-14 | Quadrat | 4/08/2024 | Salsola | australis | | | No | Native | + | 0.2 |
| SOM-14 | Quadrat | 4/08/2024 | Scaevola | spinescens | | | No | Native | + | 1-2 |
| SOM-14 | Quadrat | 4/08/2024 | Senna | artemisioides | subsp. | oligophylla | No | Native | 5 | 0.5-1 |
| SOM-14 | Quadrat | 4/08/2024 | Sida | fibulifera | | | No | Native | + | 0.1 |
| SOM-14 | Quadrat | 6/08/2024 | Sida | | sp. | indet. | No | Native | + | 0.1 |
| SOM-14 | Quadrat | 4/08/2024 | Solanum | lasiophyllum | | | No | Native | + | 0.5 |
| SOM-14 | Quadrat | 4/08/2024 | Streptoglossa | bubakii | | | No | Native | 2 | 0.1 |
| SOM-14 | Opportunistic | 6/08/2024 | Streptoglossa | tenuiflora | | | No | Native | | |
| SOM-14 | Opportunistic | 6/08/2024 | Swainsona | pterostylis | | | No | Native | | |
| SOM-14 | Quadrat | 4/08/2024 | Swainsona | pterostylis | | | No | Native | 0.5 | 0.2 |
| SOM-14 | Quadrat | 4/08/2024 | Synaptantha | tillaeacea | var. | tillaeacea | No | Native | + | 0.02 |

| Site | Sampling | Observed | Genus | Species | Rank | Infra Name | Significant | Native / Introduced | % Cover | Height (m) |
|---|---|---|---|---|---|---|---|---|---|---|
| SOM-14 | Quadrat | 4/08/2024 | Urochloa | holosericea | | | No | Native | + | 0.2 |
| SOM-14 | Quadrat | 6/08/2024 | Urochloa | holosericea | | | No | Native | | |
| SOM-15 | Quadrat | 4/08/2024 | Acacia | cuthbertsonii | | | No | Native | 1 | 2-3 |
| SOM-15 | Quadrat | 4/08/2024 | Acacia | fuscaneura - pteraneura complex | | | No | Native | 2 | 3-8 |
| SOM-15 | Quadrat | 4/08/2024 | Acacia | sclerosperma | subsp. | sclerosperma | No | Native | + | 2 |
| SOM-15 | Opportunistic | 4/08/2024 | Acacia | subtessarogona | | | No | Native | | |
| SOM-15 | Quadrat | 4/08/2024 | Acacia | synchronicia | | | No | Native | 1.5 | 2-3 |
| SOM-15 | Quadrat | 4/08/2024 | Acacia | tetragonophylla | | | No | Native | 1 | 2-4 |
| SOM-15 | Quadrat | 4/08/2024 | Aeschynomene | indica | | | No | Native | 1 | 0.4 |
| SOM-15 | Quadrat | 4/08/2024 | Alternanthera | nodiflora | | | No | Native | 2 | 0.1 |
| SOM-15 | Quadrat | 4/08/2024 | Bulbine | pendula | | | No | Native | + | 0.2 |
| SOM-15 | Quadrat | 4/08/2024 | Calotis | plumulifera | | | No | Native | + | 0.1 |
| SOM-15 | Quadrat | 4/08/2024 | Centipeda | minima | subsp. | macrocephala | No | Native | 4 | 0.1 |
| SOM-15 | Quadrat | 4/08/2024 | Chenopodium | auricomum | | | No | Native | + | 1 |
| SOM-15 | Quadrat | 4/08/2024 | Cullen | graveolens | | | No | Native | + | 0.1 |
| SOM-15 | Quadrat | 4/08/2024 | Cyperus | concinnus | | | No | Native | + | 0.35 |
| SOM-15 | Quadrat | 4/08/2024 | Dysphania | rhadinostachya | | | No | Native | 0.5 | 0.1 |
| SOM-15 | Quadrat | 4/08/2024 | Echinochloa | colona | | | No | Introduced | + | 0.2 |
| SOM-15 | Opportunistic | 4/08/2024 | Eragrostis | setifolia | | | No | Native | | |
| SOM-15 | Quadrat | 4/08/2024 | Eriachne | benthamii | | | No | Native | 40 | 0.4 |
| SOM-15 | Quadrat | 4/08/2024 | Glossostigma | diandrum | | | No | Native | + | 0.01 |
| SOM-15 | Quadrat | 4/08/2024 | Goodenia | berringbinensis | | | Yes | Native | 2 | 0.1 |
| SOM-15 | Quadrat | 4/08/2024 | Haloragis | maierae | | | No | Native | + | 0.1 |
| SOM-15 | Quadrat | 4/08/2024 | Lepidium | oxytrichum | | | No | Native | + | 0.1 |
| SOM-15 | Quadrat | 4/08/2024 | Lotus | cruentus | | | No | Native | + | 0.1 |
| SOM-15 | Quadrat | 4/08/2024 | Mimulus | gracilis | | | No | Native | + | 0.1 |
| SOM-15 | Quadrat | 4/08/2024 | Nicotiana | occidentalis | | | No | Native | + | 0.2 |
| SOM-15 | Quadrat | 4/08/2024 | Operculina | aequisepala | | | No | Native | + | 0.1 |
| SOM-15 | Quadrat | 4/08/2024 | Ptilotus | gomphrenoides | | | No | Native | 1 | 0.1 |
| SOM-15 | Quadrat | 4/08/2024 | Rhodanthe | floribunda | | | No | Native | + | 0.15 |
| SOM-15 | Quadrat | 4/08/2024 | Rhodanthe | floribunda | | | No | Native | 4 | 0.05 |
| SOM-15 | Quadrat | 4/08/2024 | Salsola | australis | | | No | Native | + | 0.1 |
| SOM-15 | Quadrat | 4/08/2024 | Scaevola | spinescens | | | No | Native | 0.5 | 1-2 |
| SOM-15 | Quadrat | 4/08/2024 | Senna | artermisioides | subsp. | oligophylla | No | Native | 0.4 | 0.5 |
| SOM-15 | Quadrat | 4/08/2024 | Streptoglossa | bubakii | | | No | Native | + | 0.2 |
| SOM-15 | Quadrat | 4/08/2024 | Vachellia | farnesiana | | | No | Introduced | + | 1-2 |
| SOM-15 | Opportunistic | 4/08/2024 | Wahlenbergia | tumidifructa | | | No | Native | | |
| SOM-16 | Quadrat | 4/08/2024 | Acacia | synchronicia | | | No | Native | 2.5 | 2-4 |
| SOM-16 | Quadrat | 4/08/2024 | Acacia | xiphophylla | | | No | Native | 4 | 3-6 |
| SOM-16 | Quadrat | 4/08/2024 | Amaranthus | cuspidifolius | | | No | Native | + | 0.2 |
| SOM-16 | Quadrat | 4/08/2024 | Calotis | plumulifera | | | No | Native | + | 0.2 |
| SOM-16 | Quadrat | 4/08/2024 | Centipeda | minima | subsp. | macrocephala | No | Native | 0.5 | 0.15 |
| SOM-16 | Quadrat | 4/08/2024 | Chloris | pectinata | | | No | Native | 0.5 | 0.15 |
| SOM-16 | Quadrat | 4/08/2024 | Corchorus | tridens | | | No | Native | + | 0.1 |
| SOM-16 | Quadrat | 4/08/2024 | Cyperus | iria | | | No | Native | + | 0.2 |
| SOM-16 | Quadrat | 4/08/2024 | Dactyloctenium | radulans | | | No | Native | + | 0.1 |
| SOM-16 | Quadrat | 4/08/2024 | Dichanthium | sericeum | subsp. | humilius | No | Native | 0.5 | 0.3 |
| SOM-16 | Quadrat | 4/08/2024 | Duperreya | commixta | | | No | Native | + | cl |
| SOM-16 | Quadrat | 4/08/2024 | Dysphania | rhadinostachya | | | No | Native | 0.5 | 0.2 |
| SOM-16 | Quadrat | 4/08/2024 | Enchylaena | tomentosa | | | No | Native | + | 0.5-1 |

| Site | Sampling | Observed | Genus | Species | Rank | Infra Name | Significant | Native / Introduced | % Cover | Height (m) |
|---|---|---|---|---|---|---|---|---|---|---|
| SOM-16 | Quadrat | 4/08/2024 | Eragrostis | leptocarpa | | | No | Native | 0.5 | 0.2 |
| SOM-16 | Quadrat | 4/08/2024 | Eragrostis | tenellula | | | No | Native | 0.5 | 0.1 |
| SOM-16 | Quadrat | 4/08/2024 | Eragrostis | xerophila | | | No | Native | 4 | 0.3 |
| SOM-16 | Quadrat | 4/08/2024 | Eremophila | cuneifolia | | | No | Native | 3 | 0.5-1 |
| SOM-16 | Quadrat | 4/08/2024 | Eriachne | benthamii | | | No | Native | 1 | 0.3 |
| SOM-16 | Quadrat | 4/08/2024 | Eriachne | benthamii | | | No | Native | 25 | 0.4 |
| SOM-16 | Quadrat | 4/08/2024 | Goodenia | berringbinensis | | | Yes | Native | + | 0.05 |
| SOM-16 | Quadrat | 4/08/2024 | Haloragis | maierae | | | No | Native | + | 0.2 |
| SOM-16 | Quadrat | 4/08/2024 | Lotus | cruentus | | | No | Native | 0.5 | 0.2 |
| SOM-16 | Quadrat | 4/08/2024 | Malvastrum | americanum | | | No | Introduced | 1 | 0.3 |
| SOM-16 | Quadrat | 4/08/2024 | Marsilea | hirsuta | | | No | Native | 5 | 0.1 |
| SOM-16 | Quadrat | 4/08/2024 | Nellica | maderaspatensis | | | No | Native | + | 0.2 |
| SOM-16 | Quadrat | 4/08/2024 | Nicotiana | occidentalis | | | No | Native | + | 0.5 |
| SOM-16 | Quadrat | 4/08/2024 | Ptilotus | gomphrenoides | | | No | Native | 2.5 | 0.1 |
| SOM-16 | Quadrat | 4/08/2024 | Ptilotus | obovatus | | | No | Native | 0.5 | 0.5 |
| SOM-16 | Quadrat | 4/08/2024 | Rhagodia | eremaea | | | No | Native | + | 0.5-1 |
| SOM-16 | Quadrat | 4/08/2024 | Scaevola | spinescens | | | No | Native | 0.5 | 0.5-1 |
| SOM-16 | Quadrat | 4/08/2024 | Senna | artermisioides | subsp. | helmsii | No | Native | + | 0.5 |
| SOM-16 | Quadrat | 4/08/2024 | Senna | | sp. | Meekatharra (E. Bailey 1-26) | No | Native | 1 | 0.5-1 |
| SOM-16 | Quadrat | 4/08/2024 | Setaria | verticillata | | | No | Introduced | + | 0.3 |
| SOM-16 | Quadrat | 4/08/2024 | Sida | fibulifera | | | No | Native | + | 0.2 |
| SOM-16 | Quadrat | 4/08/2024 | Solanum | lasiophyllum | | | No | Native | + | 0.5 |
| SOM-16 | Quadrat | 4/08/2024 | Streptoglossa | bubakii | | | No | Native | 0.5 | 0.2 |
| SOM-16 | Quadrat | 4/08/2024 | Streptoglossa | tenuiflora | | | No | Native | 1.5 | 0.15 |
| SOM-16 | Quadrat | 4/08/2024 | Tribulus | astrocarpus | | | No | Native | + | 0.05 |
| SOM-16 | Quadrat | 4/08/2024 | Wahlenbergia | tumidifructa | | | No | Native | + | 0.2 |
| SOM-17 | Quadrat | 4/08/2024 | Aristida | contorta | | | No | Native | 1 | 0.2 |
| SOM-17 | Quadrat | 4/08/2024 | Eremophila | cuneifolia | | | No | Native | 4 | 0.5 |
| SOM-17 | Opportunistic | 4/08/2024 | Goodenia | forrestii | | | No | Native | | |
| SOM-17 | Quadrat | 4/08/2024 | Maireana | georgei | | | No | Native | 0.5 | 0.3 |
| SOM-17 | Opportunistic | 4/08/2024 | Maireana | tomentosa | | | No | Native | | |
| SOM-17 | Quadrat | 4/08/2024 | Maireana | triptera | | | No | Native | + | 0.2 |
| SOM-17 | Quadrat | 4/08/2024 | Ptilotus | obovatus | | | No | Native | + | 0.3 |
| SOM-17 | Quadrat | 4/08/2024 | Senna | artermisioides | subsp. | helmsii | No | Native | + | 0.3 |
| SOM-17 | Quadrat | 4/08/2024 | Senna | glutinosa | subsp. | ×luerssenii | No | Native | + | 1 |
| SOM-17 | Quadrat | 4/08/2024 | Solanum | lasiophyllum | | | No | Native | + | 0.3 |
| SOM-18 | Quadrat | 5/08/2024 | Acacia | synchronicia | | | No | Native | 3 | 2-4 |
| SOM-18 | Quadrat | 5/08/2024 | Acacia | xiphophylla | | | No | Native | 5 | 2-4 |
| SOM-18 | Quadrat | 5/08/2024 | Enchylaena | tomentosa | | | No | Native | + | 0.5 |
| SOM-18 | Quadrat | 5/08/2024 | Eremophea | spinosa | | | No | Native | + | 0.2 |
| SOM-18 | Quadrat | 5/08/2024 | Eremophila | cuneifolia | | | No | Native | + | 0.5-1 |
| SOM-18 | Opportunistic | 5/08/2024 | Eremophila | forrestii | subsp. | forrestii | No | Native | | |
| SOM-18 | Quadrat | 5/08/2024 | Lawrencia | densiflora | | | No | Native | 0.5 | 0.05 |
| SOM-18 | Quadrat | 5/08/2024 | Leichhardtia | australis | | | No | Native | + | cl |
| SOM-18 | Quadrat | 5/08/2024 | Lepidium | pholidogynum | | | No | Native | + | 0.05 |
| SOM-18 | Quadrat | 5/08/2024 | Maireana | tomentosa | | | No | Native | 0.5 | 0.3 |
| SOM-18 | Quadrat | 5/08/2024 | Ptilotus | obovatus | | | No | Native | + | 0.5 |
| SOM-18 | Quadrat | 5/08/2024 | Rhagodia | eremaea | | | No | Native | + | 1 |
| SOM-18 | Quadrat | 5/08/2024 | Roepera | kochii | | | No | Native | + | 0.05 |
| SOM-18 | Quadrat | 5/08/2024 | Senna | artermisioides | subsp. | helmsii | No | Native | 0.5 | 0.5-1 |

| Site | Sampling | Observed | Genus | Species | Rank | Infra Name | Significant | Native / Introduced | % Cover | Height (m) |
|---|---|---|---|---|---|---|---|---|---|---|
| SOM-18 | Quadrat | 5/08/2024 | Senna | artemisioides | subsp. | oligophylla | No | Native | 2 | 1-2.5 |
| SOM-18 | Quadrat | 5/08/2024 | Senna | stricta | | | No | Native | 0.5 | 1 |
| SOM-18 | Quadrat | 5/08/2024 | Swainsona | incei | | | No | Native | + | 0.1 |
| SOM-19 | Opportunistic | 5/08/2024 | Abutilon | | aff. | lepidum | Yes | Native | + | 0.5 |
| SOM-19 | Quadrat | 5/08/2024 | Acacia | curryana | | | Yes | Native | 4 | 0.5-2 |
| SOM-19 | Quadrat | 5/08/2024 | Acacia | tetragonophylla | | | No | Native | + | 1.5 |
| SOM-19 | Quadrat | 5/08/2024 | Aristida | contorta | | | No | Native | 5 | 0.2 |
| SOM-19 | Quadrat | 5/08/2024 | Asteraceae | | sp. | indet. | No | Native | + | 0.02 |
| SOM-19 | Quadrat | 5/08/2024 | Eremophila | exilifolia | | | No | Native | 1.5 | 0.5-1.5 |
| SOM-19 | Quadrat | 5/08/2024 | Eremophila | fraseri | subsp. | fraseri | No | Native | + | 0.5-1.5 |
| SOM-19 | Quadrat | 5/08/2024 | Eremophila | phyllopoda | subsp. | phyllopoda | No | Native | 1 | 0.5-1.5 |
| SOM-19 | Opportunistic | 5/08/2024 | Gomphrena | kanisii | | | No | Native | | |
| SOM-19 | Quadrat | 5/08/2024 | Goodenia | forrestii | | | No | Native | + | 0.1 |
| SOM-19 | Quadrat | 5/08/2024 | Hibiscus | | sp. | indet. | No | Native | + | 0.2 |
| SOM-19 | Quadrat | 5/08/2024 | Leichhardtia | australis | | | No | Native | + | cl |
| SOM-19 | Quadrat | 5/08/2024 | Maireana | planifolia | | | No | Native | + | 0.7 |
| SOM-19 | Quadrat | 5/08/2024 | Ptilotus | obovatus | | | No | Native | + | 0.5 |
| SOM-19 | Quadrat | 5/08/2024 | Senna | artemisioides | subsp. | helmsii | No | Native | 1 | 0.5-1.5 |
| SOM-19 | Quadrat | 5/08/2024 | Senna | glutinosa | subsp. | ×luerssenii | No | Native | + | 1 |
| SOM-19 | Opportunistic | 5/08/2024 | Sida | rohlenae | subsp. | rohlenae | No | Native | | |
| SOM-19 | Quadrat | 5/08/2024 | Solanum | lasiophyllum | | | No | Native | + | 0.3 |
| SOM-19 | Opportunistic | 5/08/2024 | Stackhousia | muricata | subsp. | annual (W.R. Barker 2172) | No | Native | | |
| SOM-19 | Quadrat | 5/08/2024 | Swainsona | longipilosa | | | Yes | Native | | 0.1 |
| SOM-19 | Quadrat | 5/08/2024 | Swainsona | rotunda | | | No | Native | | 0.1 |
| SOM-19 | Opportunistic | 5/08/2024 | Tephrosia | densa | | | No | Native | | |
| SOM-20 | Quadrat | 5/08/2024 | Abutilon | fraseri | | | No | Native | + | 0.4 |
| SOM-20 | Quadrat | 5/08/2024 | Acacia | cuthbertsonii | | | No | Native | 2 | 1-2 |
| SOM-20 | Quadrat | 5/08/2024 | Acacia | macraneura | | | No | Native | 1 | 2-3 |
| SOM-20 | Quadrat | 5/08/2024 | Acacia | subtessarogona | | | No | Native | 25 | 6-7 |
| SOM-20 | Quadrat | 5/08/2024 | Acacia | tetragonophylla | | | No | Native | 1 | 2 |
| SOM-20 | Quadrat | 5/08/2024 | Acacia | xiphophylla | | | No | Native | 4 | 6 |
| SOM-20 | Quadrat | 5/08/2024 | Aristida | contorta | | | No | Native | + | 0.2 |
| SOM-20 | Quadrat | 5/08/2024 | Arivela | viscosa | | | No | Native | + | 0.2 |
| SOM-20 | Quadrat | 5/08/2024 | Asphodelus | fistulosus | | | No | Introduced | + | 0.2 |
| SOM-20 | Quadrat | 5/08/2024 | Boerhavia | | sp. | indet. | No | Native | + | 0.1 |
| SOM-20 | Quadrat | 5/08/2024 | Cenchrus | ciliaris | | | No | Introduced | + | 0.2 |
| SOM-20 | Quadrat | 5/08/2024 | Cenchrus | setiger | | | No | Introduced | + | 0.2 |
| SOM-20 | Quadrat | 5/08/2024 | Convolvulus | clementii | | | No | Native | + | cl |
| SOM-20 | Quadrat | 5/08/2024 | Dendrophyllanthus | erwinii | | | No | Native | + | 0.1 |
| SOM-20 | Quadrat | 5/08/2024 | Digitaria | brownii | | | No | Native | + | 0.2 |
| SOM-20 | Quadrat | 5/08/2024 | Dysphania | rhadinostachya | | | No | Native | + | 0.2 |
| SOM-20 | Quadrat | 5/08/2024 | Enneapogon | caerulescens | | | No | Native | + | 0.1 |
| SOM-20 | Quadrat | 5/08/2024 | Eremophila | fraseri | subsp. | fraseri | No | Native | 4 | 1.5-2.5 |
| SOM-20 | Quadrat | 5/08/2024 | Eremophila | phyllopoda | subsp. | phyllopoda | No | Native | + | 1-2 |
| SOM-20 | Quadrat | 5/08/2024 | Erodium | cygnorum | | | No | Native | + | 0.1 |
| SOM-20 | Quadrat | 5/08/2024 | Euphorbia | australis | var. | subtomentosa | No | Native | 0.5 | 0.1 |
| SOM-20 | Quadrat | 5/08/2024 | Euphorbia | biconvexa | | | No | Native | 0.5 | 0.2 |
| SOM-20 | Quadrat | 5/08/2024 | Euphorbia | boophthona | | | No | Native | + | 0.1 |
| SOM-20 | Quadrat | 5/08/2024 | Euploca | cunninghamii | | | No | Native | + | 0.1 |
| SOM-20 | Quadrat | 5/08/2024 | Euploca | heterantha | | | No | Native | + | 0.02 |

| Site | Sampling | Observed | Genus | Species | Rank | Infra Name | Significant | Native / Introduced | % Cover | Height (m) |
|---|---|---|---|---|---|---|---|---|---|---|
| SOM-20 | Quadrat | 5/08/2024 | Goodenia | forrestii | | | No | Native | + | 0.1 |
| SOM-20 | Quadrat | 5/08/2024 | Goodenia | tenuiloba | | | No | Native | 0.5 | 0.2 |
| SOM-20 | Quadrat | 5/08/2024 | Indigofera | colutea | | | No | Native | 0.5 | 0.1 |
| SOM-20 | Quadrat | 5/08/2024 | Indigofera | decipiens | | | No | Native | 0.5 | 0.3 |
| SOM-20 | Quadrat | 5/08/2024 | Leichhardtia | australis | | | No | Native | + | cl |
| SOM-20 | Quadrat | 5/08/2024 | Lepidium | oxytrichum | | | No | Native | 1.5 | 0.1 |
| SOM-20 | Quadrat | 5/08/2024 | Lepidium | pholidogynum | | | No | Native | + | 0.1 |
| SOM-20 | Quadrat | 5/08/2024 | Maireana | planifolia | | | No | Native | 0.5 | 0.6 |
| SOM-20 | Quadrat | 5/08/2024 | Nicotiana | occidentalis | | | No | Native | 0.5 | 0.2 |
| SOM-20 | Quadrat | 5/08/2024 | Paspalidium | clementii | | | No | Native | + | 0.1 |
| SOM-20 | Quadrat | 5/08/2024 | Portulaca | oleracea | | | No | Native | 0.5 | 0.1 |
| SOM-20 | Quadrat | 5/08/2024 | Ptilotus | aervoides | | | No | Native | + | 0.1 |
| SOM-20 | Quadrat | 5/08/2024 | Ptilotus | obovatus | | | No | Native | 1 | 0.5 |
| SOM-20 | Quadrat | 5/08/2024 | Rhynchosia | minima | | | No | Native | + | 0.2 |
| SOM-20 | Quadrat | 5/08/2024 | Roepera | kochii | | | No | Native | 1.5 | 0.1 |
| SOM-20 | Quadrat | 5/08/2024 | Salsola | australis | | | No | Native | + | 0.1 |
| SOM-20 | Quadrat | 5/08/2024 | Scaevola | spinescens | | | No | Native | 1.5 | 1-2 |
| SOM-20 | Quadrat | 5/08/2024 | Sclerolaena | costata | | | No | Native | + | 0.2 |
| SOM-20 | Quadrat | 5/08/2024 | Senna | artemisioides | subsp. | helmsii | No | Native | + | 0.5-1 |
| SOM-20 | Quadrat | 5/08/2024 | Senna | glutinosa | subsp. | ×luerssenii | No | Native | 0.5 | 1-2 |
| SOM-20 | Quadrat | 5/08/2024 | Stackhousia | muricata | subsp. | annual (W.R. Barker 2172) | No | Native | 0.5 | 0.2 |
| SOM-20 | Quadrat | 5/08/2024 | Streptoglossa | | sp. | indet. | No | Native | + | 0.1 |
| SOM-20 | Quadrat | 5/08/2024 | Swainsona | longipilosa | | | Yes | Native | 0.5 | 0.1 |
| SOM-20 | Quadrat | 5/08/2024 | Swainsona | rotunda | | | No | Native | 0.5 | 0.1 |
| SOM-20 | Quadrat | 5/08/2024 | Tephrosia | | sp. | clay soils (S. van Leeuwen et al. PBS 0273) | No | Native | + | 0.1 |
| SOM-20 | Quadrat | 5/08/2024 | Trachymene | pilbarensis | | | No | Native | 2 | 0.4 |
| SOM-20 | Quadrat | 5/08/2024 | Tragus | australianus | | | No | Native | 0.5 | 0.1 |
| SOM-20 | Quadrat | 5/08/2024 | Trichodesma | zeylanium | subsp. | zeylanium | No | Native | 0.5 | 0.4 |
| SOM-21 | Opportunistic | 5/08/2024 | Acacia | cuthbertsonii | | | No | Native | | |
| SOM-21 | Opportunistic | 5/08/2024 | Acacia | synchronicia | | | No | Native | | |
| SOM-21 | Quadrat | 5/08/2024 | Acacia | tetragonophylla | | | No | Native | + | 1-2 |
| SOM-21 | Quadrat | 5/08/2024 | Aristida | contorta | | | No | Native | 5 | 0.2 |
| SOM-21 | Opportunistic | 5/08/2024 | Codonocarpus | cotinifolius | | | No | Introduced | | |
| SOM-21 | Quadrat | 5/08/2024 | Eremophila | cuneifolia | | | No | Native | + | 0.5 |
| SOM-21 | Opportunistic | 5/08/2024 | Eremophila | fraseri | subsp. | fraseri | No | Native | | |
| SOM-21 | Quadrat | 5/08/2024 | Eremophila | phyllopoda | subsp. | phyllopoda | No | Native | 4 | 1-2 |
| SOM-21 | Quadrat | 5/08/2024 | Erodium | cygnorum | | | No | Native | + | 0.1 |
| SOM-21 | Quadrat | 5/08/2024 | Goodenia | tenuiloba | | | No | Native | + | 0.1 |
| SOM-21 | Quadrat | 5/08/2024 | Ptilotus | obovatus | | | No | Native | + | 0.4 |
| SOM-21 | Quadrat | 5/08/2024 | Senna | artemisioides | subsp. | helmsii | No | Native | 0.5 | 0.5-1 |
| SOM-21 | Quadrat | 5/08/2024 | Solanum | lasiophyllum | | | No | Native | + | 0.4 |
| SOM-21 | Quadrat | 5/08/2024 | Stenopetalum | anfractum | | | No | Native | + | 0.3 |
| SOM-22 | Quadrat | 5/08/2024 | Acacia | cuthbertsonii | | | No | Native | + | 1.5 |
| SOM-22 | Opportunistic | 5/08/2024 | Acacia | kempeana | | | No | Native | | |
| SOM-22 | Opportunistic | 5/08/2024 | Acacia | synchronicia | | | No | Native | | |
| SOM-22 | Quadrat | 5/08/2024 | Acacia | tetragonophylla | | | No | Native | + | 1.5 |
| SOM-22 | Quadrat | 5/08/2024 | Aristida | contorta | | | No | Native | 5 | 0.2 |
| SOM-22 | Quadrat | 5/08/2024 | Calocephalus | | cf. | francisii | No | Native | 0.5 | 0.1 |
| SOM-22 | Quadrat | 5/08/2024 | Dysphania | rhadinostachya | | | No | Native | + | 0.1 |
| SOM-22 | Quadrat | 5/08/2024 | Eremophila | cuneifolia | | | No | Native | 1.5 | 1-2 |

| Site | Sampling | Observed | Genus | Species | Rank | Infra Name | Significant | Native / Introduced | % Cover | Height (m) |
|---|---|---|---|---|---|---|---|---|---|---|
| SOM-22 | Quadrat | 5/08/2024 | Eremophila | phyllopoda | subsp. | phyllopoda | No | Native | + | 0.5-1 |
| SOM-22 | Opportunistic | 5/08/2024 | Euphorbia | boophthona | | | No | Native | | |
| SOM-22 | Quadrat | 5/08/2024 | Euphorbia | boophthona | | | No | Native | + | 0.1 |
| SOM-22 | Quadrat | 5/08/2024 | Euphorbia | porcata | | | No | Native | + | 0.02 |
| SOM-22 | Quadrat | 5/08/2024 | Goodenia | tenuiloba | | | No | Native | + | 0.1 |
| SOM-22 | Quadrat | 5/08/2024 | Maireana | georgei | | | No | Native | + | 0.1 |
| SOM-22 | Quadrat | 5/08/2024 | Portulaca | oleracea | | | No | Native | + | 0.1 |
| SOM-22 | Quadrat | 5/08/2024 | Ptilotus | helipteroides | | | No | Native | + | 0.1 |
| SOM-22 | Quadrat | 5/08/2024 | Salsola | australis | | | No | Native | + | 0.05 |
| SOM-22 | Quadrat | 5/08/2024 | Senna | artermisioides | subsp. | helmsii | No | Native | + | 0.8 |
| SOM-22 | Quadrat | 5/08/2024 | Senna | | sp. | Meekatharra (E. Bailey 1-26) | No | Native | + | 1 |
| SOM-22 | Quadrat | 5/08/2024 | Solanum | lasiophyllum | | | No | Native | + | 0.4 |
| SOM-22 | Quadrat | 5/08/2024 | Stenopetalum | anfractum | | | No | Native | + | 0.1 |
| SOM-22 | Opportunistic | 5/08/2024 | Swainsona | longipilosa | | | Yes | Native | + | 0.1 |
| SOM-22 | Opportunistic | 5/08/2024 | Swainsona | rotunda | | | No | Native | | |
| SOM-22 | Quadrat | 5/08/2024 | Thysanotus | speckii | | | No | Native | + | 0.2 |
| SOM-22 | Quadrat | 5/08/2024 | Wurmbea | inflata | | | No | Native | + | 0.15 |
| SOM-23 | Opportunistic | 5/08/2024 | Acacia | tetragonophylla | | | No | Native | | |
| SOM-23 | Quadrat | 5/08/2024 | Aristida | contorta | | | No | Native | 2 | 0.15 |
| SOM-23 | Quadrat | 5/08/2024 | Asteraceae | | sp. | indet | No | Native | + | 0.05 |
| SOM-23 | Quadrat | 5/08/2024 | Asteraceae | | sp. | indet. | No | Native | + | 0.2 |
| SOM-23 | Quadrat | 5/08/2024 | Boerhavia | | sp. | indet. | No | Native | + | 0.1 |
| SOM-23 | Quadrat | 5/08/2024 | Dysphania | rhadinostachya | | | No | Native | + | 0.1 |
| SOM-23 | Quadrat | 5/08/2024 | Enneapogon | caerulescens | | | No | Native | + | 0.1 |
| SOM-23 | Quadrat | 5/08/2024 | Eremophila | cuneifolia | | | No | Native | 1 | 0.5-1 |
| SOM-23 | Quadrat | 5/08/2024 | Eremophila | fraseri | subsp. | fraseri | No | Native | + | 0.5 |
| SOM-23 | Opportunistic | 5/08/2024 | Eremophila | phyllopoda | subsp. | phyllopoda | No | Native | | |
| SOM-23 | Quadrat | 5/08/2024 | Eriachne | pulchella | subsp. | dominii | No | Native | + | 0.1 |
| SOM-23 | Quadrat | 5/08/2024 | Erodium | cygnorum | | | No | Native | + | 0.1 |
| SOM-23 | Quadrat | 5/08/2024 | Euphorbia | porcata | | | No | Native | + | 0.02 |
| SOM-23 | Opportunistic | 5/08/2024 | Goodenia | tenuiloba | | | No | Native | | |
| SOM-23 | Quadrat | 5/08/2024 | Portulaca | oleracea | | | No | Native | + | 0.02 |
| SOM-23 | Quadrat | 5/08/2024 | Ptilotus | aervoides | | | No | Native | + | 0.02 |
| SOM-23 | Quadrat | 5/08/2024 | Ptilotus | helipteroides | | | No | Native | + | 0.3 |
| SOM-23 | Opportunistic | 5/08/2024 | Scaevola | spinescens | | | No | Native | | |
| SOM-23 | Opportunistic | 5/08/2024 | Senna | artermisioides | subsp. | helmsii | No | Native | | |
| SOM-23 | Quadrat | 5/08/2024 | Senna | | sp. | Meekatharra (E. Bailey 1-26) | No | Native | | |
| SOM-23 | Opportunistic | 5/08/2024 | Solanum | lasiophyllum | | | No | Native | | |
| SOM-23 | Quadrat | 5/08/2024 | Stenopetalum | anfractum | | | No | Native | + | 0.2 |
| SOM-23 | Quadrat | 5/08/2024 | Swainsona | longipilosa | | | Yes | Native | + | 0.05 |
| SOM-23 | Quadrat | 5/08/2024 | Tribulus | astrocarpus | | | No | Native | + | 0.05 |
| SOM-23 | Quadrat | 5/08/2024 | Tripogonella | loliiformis | | | No | Native | + | 0.1 |
| SOM-23 | Quadrat | 5/08/2024 | Wurmbea | inflata | | | No | Native | + | 0.15 |
| SOM-24 | Quadrat | 5/08/2024 | Acacia | tetragonophylla | | | No | Native | + | 0.5 |
| SOM-24 | Quadrat | 5/08/2024 | Aristida | contorta | | | No | Native | 7 | 0.2 |
| SOM-24 | Quadrat | 5/08/2024 | Calocephalus | | cf. | francisii | No | Native | + | 0.05 |
| SOM-24 | Quadrat | 5/08/2024 | Dendrophyllanthus | erwinii | | | No | Native | + | 0.05 |
| SOM-24 | Quadrat | 5/08/2024 | Dysphania | rhadinostachya | | | No | Native | + | 0.05 |
| SOM-24 | Quadrat | 5/08/2024 | Eremophila | cuneifolia x phyllopoda | | | No | Native | + | 0.5-1 |
| SOM-24 | Quadrat | 5/08/2024 | Eremophila | exilifolia | | | No | Native | + | 0.5-1 |

| Site | Sampling | Observed | Genus | Species | Rank | Infra Name | Significant | Native / Introduced | % Cover | Height (m) |
|---|---|---|---|---|---|---|---|---|---|---|
| SOM-24 | Quadrat | 5/08/2024 | Eremophila | fraseri | subsp. | fraseri | No | Native | 6.5 | 1-2 |
| SOM-24 | Quadrat | 5/08/2024 | Eremophila | phyllopoda | subsp. | phyllopoda | No | Native | 4 | 0.5-2 |
| SOM-24 | Quadrat | 5/08/2024 | Erodium | cygnorum | | | No | Native | + | 0.1 |
| SOM-24 | Quadrat | 5/08/2024 | Goodenia | tenuiloba | | | No | Native | + | 0.1 |
| SOM-24 | Quadrat | 5/08/2024 | Portulaca | oleracea | | | No | Native | + | 0.05 |
| SOM-24 | Quadrat | 5/08/2024 | Senna | artemisioides | subsp. | helmsii | No | Native | 3 | 0.5-1.5 |
| SOM-24 | Quadrat | 5/08/2024 | Senna | glaucifolia | | | No | Native | 0.5 | 1-1.5 |
| SOM-24 | Quadrat | 5/08/2024 | Senna | glutinosa | subsp. | ×luerssenii | No | Native | + | 2 |
| SOM-24 | Quadrat | 5/08/2024 | Sida | brownii | | | No | Native | + | 0.3 |
| SOM-24 | Quadrat | 5/08/2024 | Solanum | lasiophyllum | | | No | Native | + | 0.3 |
| SOM-24 | Quadrat | 5/08/2024 | Stenopetalum | anfractum | | | No | Native | + | 0.3 |
| SOM-25 | Quadrat | 5/08/2024 | Acacia | cuthbertsonii | | | No | Native | 6 | 1.5-3.5 |
| SOM-25 | Quadrat | 5/08/2024 | Acacia | fuscaneura - pteraneura complex | | | No | Native | 15 | 5-8 |
| SOM-25 | Quadrat | 5/08/2024 | Acacia | subtessarogona | | | No | Native | 3.5 | 5-6 |
| SOM-25 | Quadrat | 5/08/2024 | Acacia | tetragonophylla | | | No | Native | 2 | 2-3 |
| SOM-25 | Quadrat | 5/08/2024 | Acacia | | cf. | fuscaneura (large phyllode variant) | No | Native | 3 | 1.5-7 |
| SOM-25 | Quadrat | 5/08/2024 | Aristida | contorta | | | No | Native | 4 | 0.2 |
| SOM-25 | Quadrat | 5/08/2024 | Brachyscome | | sp. | indet | No | Native | + | 0.1 |
| SOM-25 | Quadrat | 5/08/2024 | Calocephalus | | cf. | francisii | No | Native | + | 0.1 |
| SOM-25 | Quadrat | 5/08/2024 | Cymbopogon | ambiguus | | | No | Native | + | 1 |
| SOM-25 | Quadrat | 5/08/2024 | Dendrophyllanthus | erwinii | | | No | Native | + | 0.1 |
| SOM-25 | Quadrat | 5/08/2024 | Digitaria | brownii | | | No | Native | 1 | 0.5 |
| SOM-25 | Quadrat | 5/08/2024 | Dysphania | rhadinostachya | | | No | Native | 3 | 0.1 |
| SOM-25 | Quadrat | 5/08/2024 | Eremophila | forrestii | subsp. | forrestii | No | Native | + | 0.5 |
| SOM-25 | Quadrat | 5/08/2024 | Eremophila | phyllopoda | subsp. | phyllopoda | No | Native | 6 | 1.5-2.5 |
| SOM-25 | Quadrat | 5/08/2024 | Eremophila | phyllopoda | subsp. | phyllopoda | No | Native | + | 1-2 |
| SOM-25 | Quadrat | 5/08/2024 | Goodenia | tenuiloba | | | No | Native | 1 | 0.2 |
| SOM-25 | Quadrat | 5/08/2024 | Haloragis | maierae | | | No | Native | + | 0.1 |
| SOM-25 | Quadrat | 5/08/2024 | Lepidium | oxytrichum | | | No | Native | 0.5 | 0.1 |
| SOM-25 | Quadrat | 5/08/2024 | Lotus | cruentus | | | No | Native | + | 0.02 |
| SOM-25 | Quadrat | 5/08/2024 | Nicotiana | occidentalis | | | No | Native | + | 0.2 |
| SOM-25 | Quadrat | 5/08/2024 | Paspalidium | clementii | | | No | Native | + | 0.2 |
| SOM-25 | Quadrat | 5/08/2024 | Poaceae | | sp. | indet. | No | Native | 2 | 0.1 |
| SOM-25 | Quadrat | 5/08/2024 | Ptilotus | exaltatus | | | No | Native | + | 0.1 |
| SOM-25 | Quadrat | 5/08/2024 | Ptilotus | obovatus | | | No | Native | 0.5 | 0.5 |
| SOM-25 | Quadrat | 5/08/2024 | Scaevola | spinescens | | | No | Native | 0.5 | 1-2 |
| SOM-25 | Quadrat | 5/08/2024 | Senna | artemisioides | subsp. | helmsii | No | Native | 1 | 1 |
| SOM-25 | Quadrat | 5/08/2024 | Senna | artemisioides | subsp. | oligophylla | No | Native | + | 1-2 |
| SOM-25 | Quadrat | 5/08/2024 | Senna | glutinosa | subsp. | ×luerssenii | No | Native | 1 | 1-2 |
| SOM-25 | Quadrat | 5/08/2024 | Stenopetalum | anfractum | | | No | Native | + | 0.2 |
| SOM-25 | Quadrat | 5/08/2024 | Swainsona | incei | | | No | Native | + | 0.2 |
| SOM-25 | Quadrat | 5/08/2024 | Trichodesma | zeylanium | subsp. | zeylanium | No | Native | 1 | 0.2 |
| SOM-26 | Quadrat | 5/08/2024 | Acacia | synchronicia | | | No | Native | 3 | 1-3 |
| SOM-26 | Quadrat | 5/08/2024 | Acacia | tetragonophylla | | | No | Native | + | 1 |
| SOM-26 | Quadrat | 5/08/2024 | Asteraceae | | sp. | indet. | No | Native | + | 0.15 |
| SOM-26 | Quadrat | 5/08/2024 | Eremophea | spinosa | | | No | Native | 30 | 0.3 |
| SOM-26 | Quadrat | 5/08/2024 | Eremophila | cuneifolia | | | No | Native | 1.5 | 0.5-1.2 |
| SOM-26 | Quadrat | 5/08/2024 | Lawrencia | densiflora | | | No | Native | 0.5 | 0.1 |
| SOM-26 | Quadrat | 5/08/2024 | Leichhardtia | australis | | | No | Native | + | cl |
| SOM-26 | Quadrat | 5/08/2024 | Maireana | planifolia | | | No | Native | + | 0.5 |

| Site | Sampling | Observed | Genus | Species | Rank | Infra Name | Significant | Native / Introduced | % Cover | Height (m) |
|---|---|---|---|---|---|---|---|---|---|---|
| SOM-26 | Quadrat | 5/08/2024 | Maireana | tomentosa | | | No | Native | + | 0.5 |
| SOM-26 | Quadrat | 5/08/2024 | Ptilotus | obovatus | | | No | Native | + | 0.5 |
| SOM-26 | Quadrat | 5/08/2024 | Rhagodia | eremaea | | | No | Native | + | 1 |
| SOM-26 | Quadrat | 5/08/2024 | Roepera | kochii | | | No | Native | 0.5 | 0.1 |
| SOM-26 | Quadrat | 5/08/2024 | Salsola | australis | | | No | Native | + | 0.1 |
| SOM-26 | Quadrat | 5/08/2024 | Senna | artermisioides | subsp. | helmsii | No | Native | 4 | 1-2 |
| SOM-26 | Quadrat | 5/08/2024 | Senna | | sp. | Meekatharra (E. Bailey 1-26) | No | Native | 1 | 1.2 |
| SOM-27 | Quadrat | 5/08/2024 | Acacia | citrinoviridis | | | No | Native | 20 | 6-12 |
| SOM-27 | Quadrat | 5/08/2024 | Acacia | pyrifolia | var. | pyrifolia | No | Native | 2 | 1-2.5 |
| SOM-27 | Quadrat | 5/08/2024 | Afrohybanthus | aurantiacus | | | No | Native | 2 | 0.6 |
| SOM-27 | Quadrat | 5/08/2024 | Arivela | viscosa | | | No | Native | + | 0.2 |
| SOM-27 | Quadrat | 5/08/2024 | Asphodelus | fistulosus | | | No | Introduced | + | 0.2 |
| SOM-27 | Quadrat | 5/08/2024 | Bonamia | | cf. | pannosa | No | Native | + | cr |
| SOM-27 | Quadrat | 5/08/2024 | Bothriochloa | ewartiana | | | No | Native | 1 | 0.5-1 |
| SOM-27 | Quadrat | 5/08/2024 | Brachyscome | | sp. | indet | No | Native | + | 0.1 |
| SOM-27 | Quadrat | 5/08/2024 | Calotis | plumulifera | | | No | Native | + | 0.1 |
| SOM-27 | Quadrat | 5/08/2024 | Cenchrus | ciliaris | | | No | Introduced | 4 | 0.6 |
| SOM-27 | Quadrat | 5/08/2024 | Cenchrus | setiger | | | No | Introduced | 2 | 0.5 |
| SOM-27 | Quadrat | 5/08/2024 | Convolvulus | clementii | | | No | Native | + | cl |
| SOM-27 | Quadrat | 5/08/2024 | Corchorus | crozophorifolius | | | No | Native | + | 0.5 |
| SOM-27 | Quadrat | 5/08/2024 | Cymbopogon | ambiguus | | | No | Native | + | 1 |
| SOM-27 | Quadrat | 5/08/2024 | Duperreya | commixta | | | No | Native | + | cl |
| SOM-27 | Quadrat | 5/08/2024 | Dysphania | rhadinostachya | | | No | Native | 0.5 | 0.2 |
| SOM-27 | Quadrat | 5/08/2024 | Eucalyptus | victrix | | | No | Native | 13 | 10-25 |
| SOM-27 | Quadrat | 5/08/2024 | Indigofera | monophylla | | | No | Native | 3 | 0.5 |
| SOM-27 | Quadrat | 5/08/2024 | Leichhardtia | australis | | | No | Native | + | cl |
| SOM-27 | Quadrat | 5/08/2024 | Lepidium | oxytrichum | | | No | Native | 0.5 | 0.1 |
| SOM-27 | Quadrat | 5/08/2024 | Nicotiana | occidentalis | | | No | Native | + | 0.1 |
| SOM-27 | Quadrat | 5/08/2024 | Pluchea | dentex | | | No | Native | + | 0.7 |
| SOM-27 | Quadrat | 5/08/2024 | Polycarpaea | longiflora | | | No | Native | + | 0.3 |
| SOM-27 | Quadrat | 5/08/2024 | Ptilotus | obovatus | | | No | Native | 0.5 | 0.5 |
| SOM-27 | Quadrat | 5/08/2024 | Roepera | kochii | | | No | Native | + | 0.1 |
| SOM-27 | Quadrat | 5/08/2024 | Scaevola | spinescens | | | No | Native | 0.5 | 1-2 |
| SOM-27 | Quadrat | 5/08/2024 | Senna | artermisioides | subsp. | helmsii | No | Native | + | 1 |
| SOM-27 | Quadrat | 5/08/2024 | Trachymene | pilbarensis | | | No | Native | 0.5 | 0.3 |
| SOM-27 | Quadrat | 5/08/2024 | Trichodesma | zeylanium | subsp. | zeylanium | No | Native | + | 0.1 |
| SOM-28 | Opportunistic | 6/08/2024 | Acacia | coriacea | subsp. | pendens | No | Native | | |
| SOM-28 | Quadrat | 6/08/2024 | Acacia | cuthbertsonii | | | No | Native | 15 | 2-5 |
| SOM-28 | Quadrat | 6/08/2024 | Acacia | sclerosperma | subsp. | sclerosperma | No | Native | 15 | 2-5 |
| SOM-28 | Quadrat | 6/08/2024 | Acacia | subtessarogona | | | No | Native | 10 | 4-8 |
| SOM-28 | Opportunistic | 6/08/2024 | Acacia | subtessarogona | | | No | Native | | |
| SOM-28 | Quadrat | 6/08/2024 | Acacia | synchronicia | | | No | Native | 1 | 2-4 |
| SOM-28 | Quadrat | 6/08/2024 | Amyema | fitzgeraldii | | | No | Native | + | cl |
| SOM-28 | Opportunistic | 6/08/2024 | Asteraceae | | sp. | indet | No | Native | | |
| SOM-28 | Quadrat | 6/08/2024 | Boerhavia | | sp. | indet. | No | Native | + | 0.1 |
| SOM-28 | Quadrat | 6/08/2024 | Brachyscome | | sp. | indet | No | Native | + | 0.1 |
| SOM-28 | Quadrat | 6/08/2024 | Calotis | plumulifera | | | No | Native | 2 | 0.2 |
| SOM-28 | Quadrat | 6/08/2024 | Cenchrus | ciliaris | | | No | Introduced | 25 | 0.5 |
| SOM-28 | Quadrat | 6/08/2024 | Cenchrus | setiger | | | No | Introduced | 15 | 0.5 |
| SOM-28 | Opportunistic | 6/08/2024 | Citrullus | colocynthis | | | No | Introduced | | |

| Site | Sampling | Observed | Genus | Species | Rank | Infra Name | Significant | Native / Introduced | % Cover | Height (m) |
|---|---|---|---|---|---|---|---|---|---|---|
| SOM-28 | Quadrat | 6/08/2024 | Convolvulus | clementii | | | No | Native | + | cl |
| SOM-28 | Quadrat | 6/08/2024 | Datura | leichhardtii | subsp. | leichhardtii | No | Introduced | + | 0.2 |
| SOM-28 | Quadrat | 6/08/2024 | Dysphania | rhadinostachya | | | No | Native | 0.5 | 0.1 |
| SOM-28 | Quadrat | 6/08/2024 | Dysphania | | sp. | indet | No | Native | 1 | 1-2.5 |
| SOM-28 | Quadrat | 6/08/2024 | Enchylaena | tomentosa | | | No | Native | + | 1 |
| SOM-28 | Quadrat | 6/08/2024 | Erodium | cygnorum | | | No | Native | + | 0.1 |
| SOM-28 | Opportunistic | 6/08/2024 | Hakea | lorea | subsp. | lorea | No | Native | | 2-4 |
| SOM-28 | Quadrat | 6/08/2024 | Leichhardtia | australis | | | No | Native | + | cl |
| SOM-28 | Quadrat | 6/08/2024 | Lepidium | oxytrichum | | | No | Native | 0.5 | 0.1 |
| SOM-28 | Quadrat | 6/08/2024 | Nicotiana | occidentalis | | | No | Native | 1 | 0.2 |
| SOM-28 | Quadrat | 6/08/2024 | Portulaca | oleracea | | | No | Native | 0.5 | 0.05 |
| SOM-28 | Quadrat | 6/08/2024 | Ptilotus | obovatus | | | No | Native | 1 | 0.7 |
| SOM-28 | Quadrat | 6/08/2024 | Rhagodia | eremaea | | | No | Native | 0.5 | 1.5 |
| SOM-28 | Quadrat | 6/08/2024 | Roepera | kochii | | | No | Native | 1 | 0.2 |
| SOM-28 | Quadrat | 6/08/2024 | Salsola | australis | | | No | Native | + | 0.1 |
| SOM-28 | Quadrat | 6/08/2024 | Scaevola | spinescens | | | No | Native | 0.5 | 2 |
| SOM-28 | Quadrat | 6/08/2024 | Senna | artemisioides | subsp. | helmsii | No | Native | 1.5 | 1-2 |
| SOM-28 | Quadrat | 6/08/2024 | Senna | artemisioides | subsp. | oligophylla | No | Native | 0.5 | 0.5-1.5 |
| SOM-28 | Opportunistic | 6/08/2024 | Streptoglossa | decurrens | | | No | Native | | |
| SOM-28 | Quadrat | 6/08/2024 | Trichodesma | zeylanium | subsp. | zeylanium | No | Native | 0.5 | 0.2 |
| SOM-29 | Quadrat | 6/08/2024 | Acacia | synchronicia | | | No | Native | 1.5 | 1-2.5 |
| SOM-29 | Quadrat | 6/08/2024 | Acacia | xiphophylla | | | No | Native | 1 | 2.5 |
| SOM-29 | Quadrat | 6/08/2024 | Eremophea | spinosa | | | No | Native | 1.5 | 0.2 |
| SOM-29 | Quadrat | 6/08/2024 | Eremophila | cuneifolia | | | No | Native | 2 | 0.5-1 |
| SOM-29 | Quadrat | 6/08/2024 | Lawrencia | densiflora | | | No | Native | 1.5 | 0.02 |
| SOM-29 | Quadrat | 6/08/2024 | Maireana | tomentosa | | | No | Native | 1 | 0.3 |
| SOM-29 | Quadrat | 6/08/2024 | Ptilotus | exaltatus | | | No | Native | + | 0.05 |
| SOM-29 | Quadrat | 6/08/2024 | Ptilotus | obovatus | | | No | Native | 0.5 | 0.4 |
| SOM-29 | Quadrat | 6/08/2024 | Roepera | kochii | | | No | Native | + | 0.1 |
| SOM-29 | Quadrat | 6/08/2024 | Sclerolaena | costata | | | No | Native | + | 0.2 |
| SOM-29 | Quadrat | 6/08/2024 | Senna | artemisioides | subsp. | helmsii | No | Native | 0.5 | 1-1.5 |
| SOM-29 | Quadrat | 6/08/2024 | Senna | artemisioides | subsp. | oligophylla | No | Native | 1.5 | 0.5-1.5 |
| SOM-29 | Quadrat | 6/08/2024 | Senna | glutinosa | subsp. | ×luerssenii | No | Native | 1 | 1 |
| SOM-29 | Quadrat | 6/08/2024 | Senna | | sp. | Meekatharra (E. Bailey 1-26) | No | Native | 1 | 0.5 |
| SOM-30 | Quadrat | 6/08/2024 | Acacia | aneura | | | No | Native | 2 | 5-8 |
| SOM-30 | Quadrat | 6/08/2024 | Acacia | cuthbertsonii | | | No | Native | 6 | 2-4 |
| SOM-30 | Quadrat | 6/08/2024 | Acacia | sclerosperma | subsp. | sclerosperma | No | Native | 5 | 2-4 |
| SOM-30 | Quadrat | 6/08/2024 | Acacia | subtessarogona | | | No | Native | 25 | 5-9 |
| SOM-30 | Quadrat | 6/08/2024 | Acacia | tetragonophylla | | | No | Native | 15 | 2-5 |
| SOM-30 | Quadrat | 6/08/2024 | Acacia | | cf. | macraneura | No | Native | 4 | 5-8 |
| SOM-30 | Quadrat | 6/08/2024 | Asteraceae | | sp. | indet. | No | Native | + | 0.1 |
| SOM-30 | Quadrat | 6/08/2024 | Calandrinia | | sp. | indet | No | Native | + | 0.05 |
| SOM-30 | Quadrat | 6/08/2024 | Calocephalus | | cf. | francisii | No | Native | + | 0.1 |
| SOM-30 | Quadrat | 6/08/2024 | Calotis | plumulifera | | | No | Native | 0.5 | 0.1 |
| SOM-30 | Quadrat | 6/08/2024 | Cenchrus | ciliaris | | | No | Introduced | 10 | 0.4 |
| SOM-30 | Quadrat | 6/08/2024 | Cenchrus | setiger | | | No | Introduced | 15 | 0.4 |
| SOM-30 | Quadrat | 6/08/2024 | Dysphania | rhadinostachya | | | No | Native | + | 0.1 |
| SOM-30 | Quadrat | 6/08/2024 | Eremophila | phyllopoda | subsp. | phyllopoda | No | Native | + | 1 |
| SOM-30 | Quadrat | 6/08/2024 | Euphorbia | boophthona | | | No | Native | + | 0.1 |
| SOM-30 | Quadrat | 6/08/2024 | Grevillea | berryana | | | No | Native | 0.5 | 2-8 |

| Site | Sampling | Observed | Genus | Species | Rank | Infra Name | Significant | Native / Introduced | % Cover | Height (m) |
|---|---|---|---|---|---|---|---|---|---|---|
| SOM-30 | Quadrat | 6/08/2024 | Lepidium | oxytrichum | | | No | Native | 1 | 0.1 |
| SOM-30 | Quadrat | 6/08/2024 | Nicotiana | occidentalis | | | No | Native | + | 0.1 |
| SOM-30 | Quadrat | 6/08/2024 | Rhagodia | eremaea | | | No | Native | + | 1-2 |
| SOM-30 | Quadrat | 6/08/2024 | Roepera | kochii | | | No | Native | 0.5 | 0.1 |
| SOM-30 | Quadrat | 6/08/2024 | Scaevola | spinescens | | | No | Native | 2 | 1-3 |
| SOM-30 | Quadrat | 6/08/2024 | Senna | artemisioides | subsp. | helmsii | No | Native | + | 0.5-1 |
| SOM-30 | Quadrat | 6/08/2024 | Solanum | lasiophyllum | | | No | Native | + | 0.3 |
| SOM-30 | Quadrat | 6/08/2024 | Trachymene | pilbarensis | | | No | Native | + | 0.2 |
| SOM-30 | Quadrat | 6/08/2024 | Trichodesma | zeylanium | subsp. | zeylanium | No | Native | 2 | 0.2 |
| SOM-31 | Opportunistic | 6/08/2024 | Acacia | synchronicia | | | No | Native | | |
| SOM-31 | Quadrat | 6/08/2024 | Acacia | tetragonophylla | | | No | Native | 0.5 | 1 |
| SOM-31 | Quadrat | 6/08/2024 | Aristida | contorta | | | No | Native | 5 | 0.2 |
| SOM-31 | Quadrat | 6/08/2024 | Eremophila | forrestii | subsp. | forrestii | No | Native | + | 0.5 |
| SOM-31 | Quadrat | 6/08/2024 | Eremophila | phyllopoda | subsp. | phyllopoda | No | Native | 4.5 | 1-1.5 |
| SOM-31 | Quadrat | 6/08/2024 | Ptilotus | obovatus | | | No | Native | 0.5 | 0.5 |
| SOM-31 | Quadrat | 6/08/2024 | Scaevola | spinescens | | | No | Native | 0.5 | 1-2 |
| SOM-31 | Quadrat | 6/08/2024 | Senna | artemisioides | subsp. | helmsii | No | Native | 1 | 1.5 |
| SOM-31 | Quadrat | 6/08/2024 | Senna | artemisioides | subsp. | oligophylla | No | Native | 0.5 | 0.5-1.5 |
| SOM-31 | Quadrat | 6/08/2024 | Senna | glaucifolia | | | No | Native | + | 0.5 |
| SOM-31 | Quadrat | 6/08/2024 | Senna | glutinosa | subsp. | ×luerssenii | No | Native | + | 1 |
| SOM-32 | Quadrat | 6/08/2024 | Acacia | cuthbertsonii | | | No | Native | 15 | 2-4 |
| SOM-32 | Quadrat | 6/08/2024 | Acacia | sclerosperma | subsp. | sclerosperma | No | Native | 4 | 2-4 |
| SOM-32 | Quadrat | 6/08/2024 | Acacia | subtessarogona | | | No | Native | 10 | 5-8 |
| SOM-32 | Quadrat | 6/08/2024 | Acacia | synchronicia | | | No | Native | 5 | 2-5 |
| SOM-32 | Quadrat | 6/08/2024 | Acacia | tetragonophylla | | | No | Native | 1 | 2-4 |
| SOM-32 | Opportunistic | 6/08/2024 | Atriplex | | sp. | indet. | No | Native | | |
| SOM-32 | Quadrat | 6/08/2024 | Brachyscome | | sp. | indet | No | Native | + | 0.1 |
| SOM-32 | Quadrat | 6/08/2024 | Calandrinia | | sp. | indet. | No | Native | 0.5 | 0.05 |
| SOM-32 | Quadrat | 6/08/2024 | Calocephalus | | cf. | francisii | No | Native | + | 0.1 |
| SOM-32 | Quadrat | 6/08/2024 | Calocephalus | | cf. | knappii | No | Native | + | 0.1 |
| SOM-32 | Quadrat | 6/08/2024 | Calocephalus | | cf. | knappii | No | Native | + | 0.1 |
| SOM-32 | Quadrat | 6/08/2024 | Calotis | plumulifera | | | No | Native | 1 | 0.1 |
| SOM-32 | Quadrat | 6/08/2024 | Cenchrus | ciliaris | | | No | Introduced | 15 | 0.4 |
| SOM-32 | Quadrat | 6/08/2024 | Cenchrus | setiger | | | No | Introduced | 5 | 0.4 |
| SOM-32 | Quadrat | 6/08/2024 | Dysphania | melanocarpa | | | No | Native | 0.5 | 0.1 |
| SOM-32 | Quadrat | 6/08/2024 | Eremophila | cuneifolia | | | No | Native | + | 0.5 |
| SOM-32 | Quadrat | 6/08/2024 | Leichhardtia | australis | | | No | Native | + | cl |
| SOM-32 | Quadrat | 6/08/2024 | Lepidium | oxytrichum | | | No | Native | 0.5 | 0.1 |
| SOM-32 | Quadrat | 6/08/2024 | Lepidium | pholidogynum | | | No | Native | + | 0.1 |
| SOM-32 | Quadrat | 6/08/2024 | Portulaca | oleracea | | | No | Native | + | 0.05 |
| SOM-32 | Quadrat | 6/08/2024 | Ptilotus | obovatus | | | No | Native | + | 0.5 |
| SOM-32 | Quadrat | 6/08/2024 | Rhagodia | eremaea | | | No | Native | 0.5 | 1-2 |
| SOM-32 | Quadrat | 6/08/2024 | Senna | artemisioides | subsp. | oligophylla | No | Native | 0.5 | 1-2 |
| SOM-32 | Quadrat | 6/08/2024 | Stylobasium | spathulatum | | | No | Native | 1 | 1-2 |
| SOM-32 | Quadrat | 6/08/2024 | Trachymene | pilbarensis | | | No | Native | + | 0.2 |
| SOM-32 | Quadrat | 6/08/2024 | Trichodesma | zeylanium | subsp. | zeylanium | No | Native | + | 0.2 |
| SOM-33 | Quadrat | 6/08/2024 | Abutilon | | aff. | lepidum | No | Native | + | 0.1 |
| SOM-33 | Quadrat | 6/08/2024 | Acacia | kempeana | | | No | Native | 0.5 | 2-3 |
| SOM-33 | Quadrat | 6/08/2024 | Acacia | tetragonophylla | | | No | Native | 0.5 | 1-2 |
| SOM-33 | Quadrat | 6/08/2024 | Aristida | contorta | | | No | Native | 9 | 0.3 |

| Site | Sampling | Observed | Genus | Species | Rank | Infra Name | Significant | Native / Introduced | % Cover | Height (m) |
|---|---|---|---|---|---|---|---|---|---|---|
| SOM-33 | Quadrat | 6/08/2024 | Arivela | viscosa | | | No | Native | + | 0.4 |
| SOM-33 | Quadrat | 6/08/2024 | Bonamia | | sp. | indet | No | Native | + | 0.1 |
| SOM-33 | Quadrat | 6/08/2024 | Dendrophyllanthus | erwinii | | | No | Native | + | 0.1 |
| SOM-33 | Quadrat | 6/08/2024 | Dodonaea | petiolaris | | | No | Native | + | 1 |
| SOM-33 | Quadrat | 6/08/2024 | Dysphania | rhadinostachya | | | No | Native | 0.5 | 0.1 |
| SOM-33 | Quadrat | 6/08/2024 | Eremophila | latrobei | subsp. | glabra | No | Native | 2 | 1-2 |
| SOM-33 | Quadrat | 6/08/2024 | Eremophila | phyllopoda | subsp. | phyllopoda | No | Native | 4 | 1-2 |
| SOM-33 | Quadrat | 6/08/2024 | Eriachne | pulchella | subsp. | dominii | No | Native | + | 0.1 |
| SOM-33 | Quadrat | 6/08/2024 | Gomphrena | kanisii | | | No | Native | + | 0.3 |
| SOM-33 | Quadrat | 6/08/2024 | Grevillea | berryana | | | No | Native | + | 1.5-6 |
| SOM-33 | Quadrat | 6/08/2024 | Lepidium | oxytrichum | | | No | Native | 0.5 | 0.1 |
| SOM-33 | Quadrat | 6/08/2024 | Lobelia | heterophylla | subsp. | pilbarensis | No | Native | + | 0.1 |
| SOM-33 | Quadrat | 6/08/2024 | Paspalidium | clementii | | | No | Native | 3 | 0.3 |
| SOM-33 | Quadrat | 6/08/2024 | Polycarpaea | longiflora | | | No | Native | + | 0.3 |
| SOM-33 | Quadrat | 6/08/2024 | Portulaca | oleracea | | | No | Native | 0.5 | 0.02 |
| SOM-33 | Quadrat | 6/08/2024 | Psydrax | latifolia | | | No | Native | 1 | 2-4 |
| SOM-33 | Quadrat | 6/08/2024 | Ptilotus | obovatus | | | No | Native | 4 | 0.5 |
| SOM-33 | Quadrat | 6/08/2024 | Senna | glutinosa | subsp. | ×luerssenii | No | Native | 1 | 1-2 |
| SOM-33 | Quadrat | 6/08/2024 | Tephrosia | densa | | | No | Native | + | 0.3 |
| SOM-33 | Quadrat | 6/08/2024 | Trachymene | pilbarensis | | | No | Native | 2 | 0.4 |
| SOM-33 | Quadrat | 6/08/2024 | Tribulus | suberosus | | | No | Native | 0.5 | 0.5 |
| SOM-33 | Quadrat | 6/08/2024 | Trichodesma | zeylanium | subsp. | zeylanium | No | Native | 1 | 0.2 |
| SOM-34 | Quadrat | 6/08/2024 | Abutilon | | aff. | lepidum | No | Native | + | 0.2 |
| SOM-34 | Quadrat | 6/08/2024 | Acacia | kempeana | | | No | Native | 2 | 2-3 |
| SOM-34 | Quadrat | 6/08/2024 | Amaranthus | cuspidifolius | | | No | Native | + | 0.5 |
| SOM-34 | Quadrat | 6/08/2024 | Aristida | contorta | | | No | Native | 2 | 0.2 |
| SOM-34 | Quadrat | 6/08/2024 | Calocephalus | | cf. | francisii | No | Native | + | 0.1 |
| SOM-34 | Quadrat | 6/08/2024 | Calotis | hispidula | | | No | Native | + | 0.1 |
| SOM-34 | Quadrat | 6/08/2024 | Dendrophyllanthus | erwinii | | | No | Native | + | 0.1 |
| SOM-34 | Quadrat | 6/08/2024 | Dysphania | rhadinostachya | | | No | Native | 3 | 0.1 |
| SOM-34 | Quadrat | 6/08/2024 | Eremophila | phyllopoda | subsp. | phyllopoda | No | Native | 4 | 1-2.5 |
| SOM-34 | Quadrat | 6/08/2024 | Eriachne | mucronata | | | No | Native | + | 0.5 |
| SOM-34 | Quadrat | 6/08/2024 | Gomphrena | cunninghamii | | | No | Native | + | 0.2 |
| SOM-34 | Quadrat | 6/08/2024 | Lepidium | oxytrichum | | | No | Native | 0.5 | 0.1 |
| SOM-34 | Quadrat | 6/08/2024 | Lobelia | heterophylla | subsp. | pilbarensis | No | Native | 0.5 | 0.15 |
| SOM-34 | Quadrat | 6/08/2024 | Nicotiana | occidentalis | | | No | Native | + | 0.1 |
| SOM-34 | Quadrat | 6/08/2024 | Paspalidium | clementii | | | No | Native | 3 | 0.2 |
| SOM-34 | Quadrat | 6/08/2024 | Portulaca | oleracea | | | No | Native | 0.5 | 0.05 |
| SOM-34 | Quadrat | 6/08/2024 | Psydrax | latifolia | | | No | Native | 1 | 2-4 |
| SOM-34 | Quadrat | 6/08/2024 | Ptilotus | obovatus | | | No | Native | 3 | 0.5 |
| SOM-34 | Quadrat | 6/08/2024 | Salsola | australis | | | No | Native | + | 0.1 |
| SOM-34 | Quadrat | 6/08/2024 | Senna | glutinosa | subsp. | ×luerssenii | No | Native | + | 1-2 |
| SOM-34 | Quadrat | 6/08/2024 | Swainsona | incei | | | No | Native | + | 0.2 |
| SOM-34 | Quadrat | 6/08/2024 | Tephrosia | densa | | | No | Native | 1 | 0.5 |
| SOM-34 | Quadrat | 6/08/2024 | Trachymene | pilbarensis | | | No | Native | 3 | 0.3 |
| SOM-34 | Quadrat | 6/08/2024 | Tribulus | suberosus | | | No | Native | 0.5 | 0.6 |
| SOM-34 | Quadrat | 6/08/2024 | Trichodesma | zeylanium | subsp. | zeylanium | No | Native | 0.5 | 0.2 |
| SOM-35 | Opportunistic | 6/08/2024 | Acacia | cuthbertsonii | | | No | Native | | |
| SOM-35 | Opportunistic | 6/08/2024 | Acacia | pruinocarpa | | | No | Native | | |
| SOM-35 | Quadrat | 6/08/2024 | Acacia | subtessarogona | | | No | Native | + | 2-3 |

| Site | Sampling | Observed | Genus | Species | Rank | Infra Name | Significant | Native / Introduced | % Cover | Height (m) |
|---|---|---|---|---|---|---|---|---|---|---|
| SOM-35 | Quadrat | 6/08/2024 | Acacia | tetragonophylla | | | No | Native | + | 1 |
| SOM-35 | Quadrat | 6/08/2024 | Aristida | contorta | | | No | Native | 3 | 0.2 |
| SOM-35 | Quadrat | 6/08/2024 | Eremophila | phyllopoda | subsp. | phyllopoda | No | Native | 2 | 1-3 |
| SOM-35 | Quadrat | 6/08/2024 | Grevillea | berryana | | | No | Native | 1 | 3-6 |
| SOM-35 | Quadrat | 6/08/2024 | Paspalidium | clementii | | | No | Native | + | 0.2 |
| SOM-35 | Quadrat | 6/08/2024 | Ptilotus | obovatus | | | No | Native | 0.5 | 0.5 |
| SOM-35 | Quadrat | 6/08/2024 | Senna | glutinosa | subsp. | ×luerssenii | No | Native | 1 | 1-2 |
| SOM-35 | Quadrat | 6/08/2024 | Trachymene | pilbarensis | | | No | Native | + | 0.2 |
| SOM-35 | Quadrat | 6/08/2024 | Tribulus | suberosus | | | No | Native | 1 | 0.5 |
| SOM-36 | Quadrat | 6/08/2024 | Acacia | citrinoviridis | | | No | Native | 25 | 6-15 |
| SOM-36 | Quadrat | 6/08/2024 | Acacia | cuthbertsonii | | | No | Native | 1 | 2-4 |
| SOM-36 | Quadrat | 6/08/2024 | Acacia | pyrifolia | var. | pyrifolia | No | Native | 1 | 1.5-4 |
| SOM-36 | Quadrat | 6/08/2024 | Acacia | synchronicia | | | No | Native | + | 2-3 |
| SOM-36 | Quadrat | 6/08/2024 | Afrohybanthus | aurantiacus | | | No | Native | 0.5 | 0.7 |
| SOM-36 | Quadrat | 6/08/2024 | Arivela | viscosa | | | No | Native | + | 0.4 |
| SOM-36 | Quadrat | 6/08/2024 | Calocephalus | | cf. | francisii | No | Native | + | 0.1 |
| SOM-36 | Quadrat | 6/08/2024 | Calotis | plumulifera | | | No | Native | + | 0.1 |
| SOM-36 | Quadrat | 6/08/2024 | Cenchrus | ciliaris | | | No | Introduced | 10 | 0.5 |
| SOM-36 | Quadrat | 6/08/2024 | Cenchrus | setiger | | | No | Introduced | 5 | 0.5 |
| SOM-36 | Quadrat | 6/08/2024 | Convolvulus | clementii | | | No | Native | + | cl |
| SOM-36 | Quadrat | 6/08/2024 | Cymbopogon | ambiguus | | | No | Native | + | 1 |
| SOM-36 | Quadrat | 6/08/2024 | Dipteracanthus | australasicus | subsp. | australasicus | No | Native | + | 0.2 |
| SOM-36 | Quadrat | 6/08/2024 | Duperreya | commixta | | | No | Native | + | cl |
| SOM-36 | Quadrat | 6/08/2024 | Dysphania | rhadinostachya | | | No | Native | 0.5 | 0.1 |
| SOM-36 | Quadrat | 6/08/2024 | Dysphania | | sp. | indet | No | Native | + | 0.1 |
| SOM-36 | Quadrat | 6/08/2024 | Eucalyptus | victrix | | | No | Native | 5 | 10-20 |
| SOM-36 | Quadrat | 6/08/2024 | Indigofera | monophylla | | | No | Native | 2 | 0.5 |
| SOM-36 | Quadrat | 6/08/2024 | Leichhardtia | australis | | | No | Native | + | cl |
| SOM-36 | Quadrat | 6/08/2024 | Lepidium | oxytrichum | | | No | Native | + | 0.1 |
| SOM-36 | Quadrat | 6/08/2024 | Leptochloa | digitata | | | No | Native | 0.5 | 1 |
| SOM-36 | Quadrat | 6/08/2024 | Nicotiana | occidentalis | | | No | Native | + | 0.2 |
| SOM-36 | Quadrat | 6/08/2024 | Pluchea | dentex | | | No | Native | 1 | 0.6 |
| SOM-36 | Quadrat | 6/08/2024 | Rhynchosia | minima | | | No | Native | + | 0.2 |
| SOM-36 | Quadrat | 6/08/2024 | Roepera | kochii | | | No | Native | + | 0.1 |
| SOM-36 | Quadrat | 6/08/2024 | Rumex | vesicarius | | | No | Introduced | + | 0.2 |
| SOM-36 | Quadrat | 6/08/2024 | Scaevola | spinescens | | | No | Native | 1 | 2-3 |
| SOM-36 | Quadrat | 6/08/2024 | Senna | artemisioides | subsp. | helmsii | No | Native | + | 0.5 |
| SOM-36 | Quadrat | 6/08/2024 | Swainsona | incei | | | No | Native | + | 0.2 |
| SOM-36 | Quadrat | 6/08/2024 | Tephrosia | rosea | var. | Fortescue creeks (M.I.H. Brooker 2186) | No | Native | 1 | 1 |
| SOM-36 | Quadrat | 6/08/2024 | Trachymene | pilbarensis | | | No | Native | + | 0.2 |
| SOM-36 | Quadrat | 6/08/2024 | Trichodesma | zeylanium | subsp. | zeylanium | No | Native | + | 0.2 |
| SOM-37 | Quadrat | 6/08/2024 | Abutilon | malvifolium | | | No | Native | + | 0.1 |
| SOM-37 | Quadrat | 6/08/2024 | Acacia | synchronicia | | | No | Native | 1 | 2-4 |
| SOM-37 | Quadrat | 6/08/2024 | Aeschynomene | indica | | | No | Native | 4 | 0.2-0.6 |
| SOM-37 | Quadrat | 6/08/2024 | Alternanthera | nodiflora | | | No | Native | 3 | 0.2 |
| SOM-37 | Quadrat | 6/08/2024 | Bulbine | pendula | | | No | Native | + | 0.2 |
| SOM-37 | Quadrat | 6/08/2024 | Centipeda | minima | subsp. | macrocephala | No | Native | | |
| SOM-37 | Quadrat | 6/08/2024 | Centipeda | | sp. | indet. | No | Native | 2 | 0.15 |
| SOM-37 | Quadrat | 6/08/2024 | Citrullus | colocynthis | | | No | Introduced | + | 0.1 |
| SOM-37 | Quadrat | 6/08/2024 | Cullen | graveolens | | | No | Native | 0.5 | 0.1 |

| Site | Sampling | Observed | Genus | Species | Rank | Infra Name | Significant | Native / Introduced | % Cover | Height (m) |
|---|---|---|---|---|---|---|---|---|---|---|
| SOM-37 | Quadrat | 6/08/2024 | Cyperus | concinnus | | | No | Native | 1 | 0.5 |
| SOM-37 | Quadrat | 6/08/2024 | Cyperus | iria | | | No | Native | + | 0.1 |
| SOM-37 | Quadrat | 6/08/2024 | Datura | leichhardtii | subsp. | leichhardtii | No | Introduced | + | 0.2 |
| SOM-37 | Quadrat | 6/08/2024 | Dysphania | melanocarpa | | | No | Native | + | 0.15 |
| SOM-37 | Quadrat | 6/08/2024 | Echinochloa | colona | | | No | Introduced | 0.5 | 0.4 |
| SOM-37 | Quadrat | 6/08/2024 | Eleocharis | pallens | | | No | Native | 1.5 | 0.5 |
| SOM-37 | Quadrat | 6/08/2024 | Eriachne | benthamii | | | No | Native | 6.5 | 0.5 |
| SOM-37 | Quadrat | 6/08/2024 | Goodenia | berringbinensis | | | Yes | Native | 1.5 | 0.1 |
| SOM-37 | Quadrat | 6/08/2024 | Goodenia | | aff. | pinnatifida | No | Native | + | 0.1 |
| SOM-37 | Quadrat | 6/08/2024 | Lotus | cruentus | | | No | Native | + | 0.1 |
| SOM-37 | Quadrat | 6/08/2024 | Marsilea | hirsuta | | | No | Native | 8 | 0.05 |
| SOM-37 | Quadrat | 6/08/2024 | Mimulus | gracilis | | | No | Native | + | 0.1 |
| SOM-37 | Quadrat | 6/08/2024 | Nicotiana | occidentalis | | | No | Native | + | 0.3 |
| SOM-37 | Quadrat | 6/08/2024 | Operculina | aequisepala | | | No | Native | + | 0.2 |
| SOM-37 | Quadrat | 6/08/2024 | Portulaca | oleracea | | | No | Native | + | 0.05 |
| SOM-37 | Quadrat | 6/08/2024 | Ptilotus | gomphrenoides | | | No | Native | 2 | 0.1 |
| SOM-37 | Quadrat | 6/08/2024 | Rhynchosia | minima | | | No | Native | + | 0.2 |
| SOM-37 | Quadrat | 6/08/2024 | Salsola | australis | | | No | Native | 0.5 | 0.1 |
| SOM-37 | Quadrat | 6/08/2024 | Schoenoplectiella | dissachantha | | | No | Native | + | 0.1 |
| SOM-37 | Opportunistic | 6/08/2024 | Sida | fibulifera | | | No | Native | | |
| SOM-37 | Quadrat | 6/08/2024 | Streptoglossa | bubakii | | | No | Native | 0.5 | 0.5 |
| SOM-37 | Quadrat | 6/08/2024 | Streptoglossa | tenuiflora | | | No | Native | + | 0.2 |
| SOM-38 | Quadrat | 6/08/2024 | Abutilon | malvifolium | | | No | Native | + | 0.2 |
| SOM-38 | Quadrat | 6/08/2024 | Abutilon | oxycarpum | subsp. | Prostrate (A.A. Mitchell PRP 1266) | No | Native | + | 0.2 |
| SOM-38 | Quadrat | 6/08/2024 | Acacia | sclerosperma | subsp. | sclerosperma | No | Native | + | 2-3 |
| SOM-38 | Quadrat | 6/08/2024 | Acacia | synchronicia | | | No | Native | 1 | 2-4 |
| SOM-38 | Quadrat | 6/08/2024 | Acacia | tetragonophylla | | | No | Native | 0.5 | 2-4 |
| SOM-38 | Quadrat | 6/08/2024 | Aeschynomene | indica | | | No | Native | 1 | 0.5 |
| SOM-38 | Quadrat | 6/08/2024 | Alternanthera | nodiflora | | | No | Native | 2.5 | 0.2 |
| SOM-38 | Quadrat | 6/08/2024 | Calotis | plumulifera | | | No | Native | 0.5 | 0.1 |
| SOM-38 | Opportunistic | 6/08/2024 | Chenopodium | auricomum | | | No | Native | + | 0.4 |
| SOM-38 | Quadrat | 6/08/2024 | Cullen | graveolens | | | No | Native | 2 | 0.1 |
| SOM-38 | Quadrat | 6/08/2024 | Diplachne | fusca | subsp. | muelleri | No | Native | 1 | 0.5-0.7 |
| SOM-38 | Quadrat | 6/08/2024 | Dysphania | melanocarpa | | | No | Native | + | 0.2 |
| SOM-38 | Quadrat | 6/08/2024 | Eragrostis | speciosa | | | No | Native | 1 | 0.4 |
| SOM-38 | Quadrat | 6/08/2024 | Eriachne | benthamii | | | No | Native | 20 | 0.4 |
| SOM-38 | Quadrat | 6/08/2024 | Goodenia | berringbinensis | | | Yes | Native | + | 0.05 |
| SOM-38 | Quadrat | 6/08/2024 | Goodenia | | aff. | pinnatifida | No | Native | 0.5 | 0.1 |
| SOM-38 | Quadrat | 6/08/2024 | Lepidium | oxytrichum | | | No | Native | + | 0.1 |
| SOM-38 | Quadrat | 6/08/2024 | Lotus | cruentus | | | No | Native | 0.25 | 0.1 |
| SOM-38 | Opportunistic | 6/08/2024 | Malvastrum | americanum | | | No | Introduced | | |
| SOM-38 | Quadrat | 6/08/2024 | Marsilea | hirsuta | | | No | Native | 1 | 0.05 |
| SOM-38 | Quadrat | 6/08/2024 | Mimulus | gracilis | | | No | Native | + | 0.1 |
| SOM-38 | Quadrat | 6/08/2024 | Nicotiana | occidentalis | | | No | Native | + | 0.3 |
| SOM-38 | Quadrat | 6/08/2024 | Portulaca | oleracea | | | No | Native | + | 0.05 |
| SOM-38 | Quadrat | 6/08/2024 | Ptilotus | gomphrenoides | | | No | Native | 1 | 0.1 |
| SOM-38 | Quadrat | 6/08/2024 | Rhodanthe | stricta | | | No | Native | + | 0.2 |
| SOM-38 | Quadrat | 6/08/2024 | Schoenoplectiella | dissachantha | | | No | Native | + | 0.1 |
| SOM-38 | Quadrat | 6/08/2024 | Senna | artemisioides | subsp. | oligophylla | No | Native | 1 | 0.1-1 |
| SOM-38 | Quadrat | 6/08/2024 | Sida | fibulifera | | | No | Native | + | 0.2 |

| Site | Sampling | Observed | Genus | Species | Rank | Infra Name | Significant | Native / Introduced | % Cover | Height (m) |
|---|---|---|---|---|---|---|---|---|---|---|
| SOM-38 | Quadrat | 6/08/2024 | Solanum | lasiophyllum | | | No | Native | + | 0.4 |
| SOM-38 | Quadrat | 6/08/2024 | Streptoglossa | bubakii | | | No | Native | + | 0.4 |
| SOM-39 | Quadrat | 6/08/2024 | Acacia | curryana | | | Yes | Native | 3 | 1-2.5 |
| SOM-39 | Quadrat | 6/08/2024 | Eremophila | cuneifolia | | | No | Native | + | 0.5 |
| SOM-39 | Quadrat | 6/08/2024 | Eremophila | exilifolia | | | No | Native | 2 | 0.5-1.5 |
| SOM-39 | Opportunistic | 6/08/2024 | Eremophila | fraseri | subsp. | fraseri | No | Native | | |
| SOM-39 | Quadrat | 6/08/2024 | Eremophila | phyllopoda | subsp. | phyllopoda | No | Native | + | 1 |
| SOM-39 | Quadrat | 6/08/2024 | Maireana | planifolia | | | No | Native | + | 0.3 |
| SOM-39 | Quadrat | 6/08/2024 | Ptilotus | obovatus | | | No | Native | + | 0.4 |
| SOM-39 | Quadrat | 6/08/2024 | Senna | artemisioides | subsp. | helmsii | No | Native | 0.5 | 1-2 |
| SOM-39 | Quadrat | 6/08/2024 | Senna | glaucifolia | | | No | Native | + | 0.5 |
| SOM-39 | Quadrat | 6/08/2024 | Senna | glutinosa | subsp. | ×luerssenii | No | Native | + | 1.5 |
| SOM-39 | Quadrat | 6/08/2024 | Solanum | lasiophyllum | | | No | Native | + | 0.4 |
| SOM-39 | Quadrat | 6/08/2024 | Stenopetalum | anfractum | | | No | Native | + | 0.2 |
| SOM-40 | Quadrat | 6/08/2024 | Acacia | curryana | | | Yes | Native | 2 | 1.5 |
| SOM-40 | Quadrat | 6/08/2024 | Aristida | contorta | | | No | Native | 5 | 0.2 |
| SOM-40 | Quadrat | 6/08/2024 | Eremophila | exilifolia | | | No | Native | 2 | 1.5 |
| SOM-40 | Quadrat | 6/08/2024 | Eremophila | phyllopoda | subsp. | phyllopoda | No | Native | 0.5 | 1-1.5 |
| SOM-40 | Quadrat | 6/08/2024 | Eriachne | pulchella | subsp. | dominii | No | Native | + | 0.1 |
| SOM-40 | Quadrat | 6/08/2024 | Leichhardtia | australis | | | No | Native | + | cl |
| SOM-40 | Quadrat | 6/08/2024 | Maireana | planifolia | | | No | Native | + | 0.6 |
| SOM-40 | Quadrat | 6/08/2024 | Ptilotus | obovatus | | | No | Native | + | 0.5 |
| SOM-40 | Quadrat | 6/08/2024 | Senna | artemisioides | subsp. | helmsii | No | Native | 0.5 | 0.5 |
| SOM-40 | Quadrat | 6/08/2024 | Senna | glaucifolia | | | No | Native | 0.5 | 1 |
| SOM-40 | Quadrat | 6/08/2024 | Solanum | lasiophyllum | | | No | Native | + | 0.3 |
| SOM-40 | Quadrat | 6/08/2024 | Stenopetalum | anfractum | | | No | Native | + | 0.15 |
| SOM-40 | Quadrat | 6/08/2024 | Swainsona | rotunda | | | No | Native | | |
| SOM-40 | Quadrat | 6/08/2024 | Swainsona | rotunda | | | No | Native | + | 0.05 |
| SOM-40 | Quadrat | 6/08/2024 | Trachymene | pilbarensis | | | No | Native | + | 0.05 |
| SOM-41 | Quadrat | 6/08/2024 | Abutilon | | sp. | indet | No | Native | + | 0.1 |
| SOM-41 | Quadrat | 6/08/2024 | Acacia | synchronicia | | | No | Native | 4 | 1-5 |
| SOM-41 | Quadrat | 6/08/2024 | Acacia | tetragonophylla | | | No | Native | 1 | 1-2.5 |
| SOM-41 | Quadrat | 6/08/2024 | Acacia | xiphophylla | | | No | Native | 10 | 3-6 |
| SOM-41 | Quadrat | 6/08/2024 | Cenchrus | ciliaris | | | No | Introduced | 0.5 | 0.3 |
| SOM-41 | Quadrat | 6/08/2024 | Duperreya | commixta | | | No | Native | + | cl |
| SOM-41 | Quadrat | 6/08/2024 | Eremophila | cuneifolia | | | No | Native | 1.5 | 0.5-1 |
| SOM-41 | Quadrat | 6/08/2024 | Eremophila | phyllopoda | subsp. | phyllopoda | No | Native | + | 0.5 |
| SOM-41 | Quadrat | 6/08/2024 | Hibiscus | | sp. | Gardneri (A.L. Payne PRP 1435) | No | Native | + | 1 |
| SOM-41 | Quadrat | 6/08/2024 | Leichhardtia | australis | | | No | Native | + | cl |
| SOM-41 | Quadrat | 6/08/2024 | Lepidium | oxytrichum | | | No | Native | + | 0.1 |
| SOM-41 | Quadrat | 6/08/2024 | Maireana | tomentosa | | | No | Native | + | 0.4 |
| SOM-41 | Quadrat | 6/08/2024 | Ptilotus | obovatus | | | No | Native | 0.5 | 0.4 |
| SOM-41 | Quadrat | 6/08/2024 | Salsola | australis | | | No | Native | + | 0.1 |
| SOM-41 | Quadrat | 6/08/2024 | Scaevola | spinescens | | | No | Native | + | 0.5 |
| SOM-41 | Quadrat | 6/08/2024 | Sclerolaena | | sp. | indet. | No | Native | 2 | 0.02 |
| SOM-41 | Quadrat | 6/08/2024 | Senna | artemisioides | subsp. | oligophylla | No | Native | + | 0.5 |
| SOM-41 | Quadrat | 6/08/2024 | Senna | glutinosa | subsp. | ×luerssenii | No | Native | 0.5 | 1-2 |
| SOM-41 | Quadrat | 6/08/2024 | Solanum | lasiophyllum | | | No | Native | + | 0.3 |
| SOM-42 | Quadrat | 7/08/2024 | Acacia | subtessarogona | | | No | Native | + | 4-6 |
| SOM-42 | Quadrat | 7/08/2024 | Acacia | tetragonophylla | | | No | Native | 1 | 1.5-3 |

| Site | Sampling | Observed | Genus | Species | Rank | Infra Name | Significant | Native / Introduced | % Cover | Height (m) |
|---|---|---|---|---|---|---|---|---|---|---|
| SOM-42 | Quadrat | 7/08/2024 | Acacia | | cf. | aneura | No | Native | 1 | 5-10 |
| SOM-42 | Quadrat | 7/08/2024 | Aeschynomene | indica | | | No | Native | + | 0.4 |
| SOM-42 | Quadrat | 7/08/2024 | Alternanthera | nodiflora | | | No | Native | 1.5 | 0.2 |
| SOM-42 | Quadrat | 7/08/2024 | Asteraceae | | sp. | indet. | No | Native | + | 0.1 |
| SOM-42 | Quadrat | 7/08/2024 | Brachyscome | | sp. | indet | No | Native | + | 0.1 |
| SOM-42 | Quadrat | 7/08/2024 | Calotis | plumulifera | | | No | Native | 1 | 0.1 |
| SOM-42 | Quadrat | 7/08/2024 | Centipeda | | sp. | indet. | No | Native | 2 | 0.1 |
| SOM-42 | Quadrat | 7/08/2024 | Convolvulus | clementii | | | No | Native | + | cl |
| SOM-42 | Quadrat | 7/08/2024 | Cullen | graveolens | | | No | Native | 1 | 0.1 |
| SOM-42 | Quadrat | 7/08/2024 | Cyperus | iria | | | No | Native | 0.5 | 0.1 |
| SOM-42 | Quadrat | 7/08/2024 | Dysphania | rhadinostachya | | | No | Native | 0.5 | 0.1 |
| SOM-42 | Quadrat | 7/08/2024 | Elytrophorus | spicatus | | | No | Native | + | 0.05 |
| SOM-42 | Quadrat | 7/08/2024 | Eragrostis | setifolia | | | No | Native | + | 0.2 |
| SOM-42 | Quadrat | 7/08/2024 | Eragrostis | setifolia | | | No | Native | + | 0.4 |
| SOM-42 | Opportunistic | 7/08/2024 | Eragrostis | xerophila | | | No | Native | | |
| SOM-42 | Quadrat | 7/08/2024 | Eriachne | benthamii | | | No | Native | 65 | 0.4 |
| SOM-42 | Quadrat | 7/08/2024 | Goodenia | berringbinensis | | | Yes | Native | 0.5 | 0.05 |
| SOM-42 | Quadrat | 7/08/2024 | Goodenia | | aff. | pinnatifida | No | Native | + | 0.1 |
| SOM-42 | Quadrat | 7/08/2024 | Lepidium | oxytrichum | | | No | Native | + | 0.1 |
| SOM-42 | Quadrat | 7/08/2024 | Lotus | cruentus | | | No | Native | 1.5 | 0.1 |
| SOM-42 | Quadrat | 7/08/2024 | Marsilea | hirsuta | | | No | Native | 8 | 0.05 |
| SOM-42 | Quadrat | 7/08/2024 | Operculina | aequisepala | | | No | Native | + | 0.2 |
| SOM-42 | Quadrat | 7/08/2024 | Operculina | aequisepala | | | No | Native | + | 0.2 |
| SOM-42 | Quadrat | 7/08/2024 | Panicum | laevinode | | | No | Native | | |
| SOM-42 | Quadrat | 7/08/2024 | Paspalidium | clementii | | | No | Native | + | 0.4 |
| SOM-42 | Quadrat | 7/08/2024 | Ptilotus | aervoides | | | No | Native | + | 0.1 |
| SOM-42 | Quadrat | 7/08/2024 | Ptilotus | gomphrenoides | | | No | Native | 1.5 | 0.1 |
| SOM-42 | Quadrat | 7/08/2024 | Ptilotus | polystachyus | | | No | Native | + | 0.2 |
| SOM-42 | Quadrat | 7/08/2024 | Rhodanthe | floribunda | | | No | Native | + | 0.1 |
| SOM-42 | Quadrat | 7/08/2024 | Rhynchosia | minima | | | No | Native | + | 0.2 |
| SOM-42 | Quadrat | 7/08/2024 | Schoenoplectiella | dissachantha | | | No | Native | 1 | 0.05 |
| SOM-42 | Quadrat | 7/08/2024 | Senna | artemisioides | subsp. | oligophylla | No | Native | + | 0.5 |
| SOM-42 | Quadrat | 7/08/2024 | Streptoglossa | bubakii | | | No | Native | 1 | 0.2 |
| SOM-42 | Opportunistic | 7/08/2024 | Swainsona | longipilosa | | | Yes | Native | | |
| SOM-42 | Quadrat | 7/08/2024 | Wahlenbergia | tumidifructa | | | No | Native | 1 | 0.15 |
| SOM-43 | Quadrat | 7/08/2024 | Acacia | curryana | | | Yes | Native | 0.5 | 1 |
| SOM-43 | Opportunistic | 7/08/2024 | Acacia | cuthbertsonii | | | No | Native | | |
| SOM-43 | Quadrat | 7/08/2024 | Acacia | tetragonophylla | | | No | Native | 1 | 1-7.5 |
| SOM-43 | Quadrat | 7/08/2024 | Aristida | contorta | | | No | Native | 3 | 0.2 |
| SOM-43 | Quadrat | 7/08/2024 | Eremophila | cuneifolia x phyllopoda | | | No | Native | + | 1 |
| SOM-43 | Quadrat | 7/08/2024 | Eremophila | fraseri | subsp. | fraseri | No | Native | 1.5 | 0.5-2.5 |
| SOM-43 | Quadrat | 7/08/2024 | Eremophila | phyllopoda | subsp. | phyllopoda | No | Native | 0.5 | 0.5-2 |
| SOM-43 | Quadrat | 7/08/2024 | Eriachne | aristidea | | | No | Native | + | 0.1 |
| SOM-43 | Quadrat | 7/08/2024 | Goodenia | tenuiloba | | | No | Native | + | 0.1 |
| SOM-43 | Quadrat | 7/08/2024 | Ptilotus | obovatus | | | No | Native | 0.5 | 0.4 |
| SOM-43 | Quadrat | 7/08/2024 | Senna | artemisioides | subsp. | helmsii | No | Native | 1 | 0.5-1.5 |
| SOM-43 | Quadrat | 7/08/2024 | Senna | glaucifolia | | | No | Native | + | 1.5 |
| SOM-43 | Quadrat | 7/08/2024 | Senna | glutinosa | subsp. | ×luerssenii | No | Native | + | 1.5 |
| SOM-43 | Quadrat | 7/08/2024 | Solanum | lasiophyllum | | | No | Native | + | 0.3 |
| SOM-43 | Quadrat | 7/08/2024 | Stackhousia | muricata | subsp. | annual (W.R. Barker 2172) | No | Native | + | 0.2 |

| Site | Sampling | Observed | Genus | Species | Rank | Infra Name | Significant | Native / Introduced | % Cover | Height (m) |
|---|---|---|---|---|---|---|---|---|---|---|
| SOM-43 | Quadrat | 7/08/2024 | Stenopetalum | anfractum | | | No | Native | + | 0.2 |
| SOM-43 | Quadrat | 7/08/2024 | Swainsona | longipilosa | | | Yes | Native | + | 0.1 |
| SOM-43 | Quadrat | 7/08/2024 | Swainsona | rotunda | | | No | Native | + | 0.1 |
| SOM-43 | Quadrat | 7/08/2024 | Tripogonella | loliiformis | | | No | Native | | |
| SOM-43 | Quadrat | 7/08/2024 | Wurmbea | inflata | | | No | Native | | |
| SA-01 | Quadrat | 8/05/2025 | *Cenchrus | ciliaris | | | No | Introduced | 0.5 | 0.5 |
| SA-01 | Quadrat | 8/05/2025 | *Malvastrum | americanum | | | No | Introduced | <1 | 0.3 |
| SA-01 | Quadrat | 8/05/2025 | Abutilon | | sp. | indet | No | Native | <1 | 0.2 |
| SA-01 | Quadrat | 8/05/2025 | Acacia | citrinoviridis | | | No | Native | 2 | 3-7 |
| SA-01 | Quadrat | 8/05/2025 | Acacia | cuthbertsonii | | | No | Native | 30 | 1.5-3 |
| SA-01 | Quadrat | 8/05/2025 | Acacia | subtessarogona | | | No | Native | 10 | 3-6 |
| SA-01 | Quadrat | 8/05/2025 | Acacia | synchronicia | | | No | Native | 7 | 2-3 |
| SA-01 | Quadrat | 8/05/2025 | Acacia | tetragonophylla | | | No | Native | 2 | 2-3 |
| SA-01 | Quadrat | 8/05/2025 | Amaranthus | | sp. | indet | No | Native | <1 | 0.3 |
| SA-01 | Quadrat | 8/05/2025 | Aristida | contorta | | | No | Native | <1 | 0.4 |
| SA-01 | Quadrat | 8/05/2025 | Arivela | viscosa | | | No | Native | 5 | 0.5 |
| SA-01 | Quadrat | 8/05/2025 | Boerhavia | coccinea | | | No | Native | 2 | 0.3 |
| SA-01 | Quadrat | 8/05/2025 | Bonamia | cf. pilbarensis | | | No | Native | <1 | 0.2 |
| SA-01 | Quadrat | 8/05/2025 | Enchylaena | tomentosa | | | No | Native | 0.5 | 0.5-1 |
| SA-01 | Opportunistic | 8/05/2025 | Eremophila | phyllopoda | subsp. | phyllopoda | No | Native | - | - |
| SA-01 | Quadrat | 8/05/2025 | Evolvulus | alsinoides | var. | villosicalyx | No | Native | <1 | 0.15 |
| SA-01 | Quadrat | 8/05/2025 | Glycine | canescens | | | No | Native | <1 | Cl |
| SA-01 | Quadrat | 8/05/2025 | Goodenia | forrestii | | | No | Native | <1 | 0.15 |
| SA-01 | Quadrat | 8/05/2025 | Goodenia | | sp. | indet | No | Native | <1 | 0.2 |
| SA-01 | Quadrat | 8/05/2025 | Goodenia | | sp. | indet | No | Native | <1 | 0.2 |
| SA-01 | Quadrat | 8/05/2025 | Grevillea | berryana | | | No | Native | 1 | 2-5 |
| SA-01 | Quadrat | 8/05/2025 | Hakea | lorea | subsp. | lorea | No | Native | 1 | 2-5 |
| SA-01 | Quadrat | 8/05/2025 | Indigofera | decipiens | | | No | Native | 1 | 0.4 |
| SA-01 | Quadrat | 8/05/2025 | Nicotiana | occidentalis | | | No | Native | <1 | 0.4 |
| SA-01 | Quadrat | 8/05/2025 | Paspalidium | clementii | | | No | Native | <1 | 0.2 |
| SA-01 | Quadrat | 8/05/2025 | Portulaca | oleracea | | | No | Native | 2 | 0.1 |
| SA-01 | Quadrat | 8/05/2025 | Psydrax | latifolia | | | No | Native | <1 | 2-4 |
| SA-01 | Quadrat | 8/05/2025 | Ptilotus | obovatus | | | No | Native | 5 | 0.5 |
| SA-01 | Quadrat | 8/05/2025 | Rhagodia | eremaea | | | No | Native | <1 | 1.5 |
| SA-01 | Quadrat | 8/05/2025 | Rhynchosia | minima | | | No | Native | <1 | 0.3 |
| SA-01 | Quadrat | 8/05/2025 | Salsola | australis | | | No | Native | 1 | 0.4 |
| SA-01 | Quadrat | 8/05/2025 | Scaevola | spinescens | | | No | Native | 1 | 1-2 |
| SA-01 | Quadrat | 8/05/2025 | Senna | artemisioides | subsp. | helmsii | No | Native | 2 | 1-.5 |
| SA-01 | Quadrat | 8/05/2025 | Senna | glaucifolia | | | No | Native | 0.5 | 1.5 |
| SA-01 | Quadrat | 8/05/2025 | Tephrosia | supina | | | No | Native | 0.5 | 0.4 |
| SA-01 | Quadrat | 8/05/2025 | Tephrosia | | sp. | NW Eremaean (S. van Leeuwen et al. PBS 0356) | No | Native | <1 | 0.1 |
| SA-01 | Quadrat | 8/05/2025 | Trianthema | triquetrum | | | No | Native | <1 | 0.1 |
| SA-01 | Quadrat | 8/05/2025 | Trichodesma | zeylanicum | | | No | Native | <1 | 0.3 |
| SA-02 | Opportunistic | 8/05/2025 | Acacia | kempeana | | | No | Native | - | - |
| SA-02 | Quadrat | 8/05/2025 | Acacia | tetragonophylla | | | No | Native | 0.5 | 1-2 |
| SA-02 | Quadrat | 8/05/2025 | Aristida | contorta | | | No | Native | 2.5 | 0.2 |
| SA-02 | Opportunistic | 8/05/2025 | Boerhavia | coccinea | | | No | Native | | |

| Site | Sampling | Observed | Genus | Species | Rank | Infra Name | Significant | Native / Introduced | % Cover | Height (m) |
|---|---|---|---|---|---|---|---|---|---|---|
| SA-02 | Quadrat | 8/05/2025 | Corchorus | crozophorifolius | | | No | Native | - | - |
| SA-02 | Quadrat | 8/05/2025 | Eremophila | cuneifolia | | | No | Native | <1 | 0.5 |
| SA-02 | Quadrat | 8/05/2025 | Eremophila | latrobei | subsp. | latrobei | No | Native | 1 | 0.5-1.5 |
| SA-02 | Quadrat | 8/05/2025 | Eremophila | phyllopoda | subsp. | phyllopoda | No | Native | 4.5 | 1-2 |
| SA-02 | Quadrat | 8/05/2025 | Euploca | inexplicita | | | No | Native | - | - |
| SA-02 | Opportunistic | 8/05/2025 | Euploca | inexplicita | | | No | Native | | |
| SA-02 | Quadrat | 8/05/2025 | Gomphrena | kanisii | | | No | Native | <1 | 0.2 |
| SA-02 | Quadrat | 8/05/2025 | Grevillea | berryana | | | No | Native | 1 | 1.5 |
| SA-02 | Quadrat | 8/05/2025 | Hibiscus | sturtii | sp. | indet | No | Native | <1 | 0.1 |
| SA-02 | Quadrat | 8/05/2025 | Leichhardtia | australis | | | No | Native | <1 | Cl |
| SA-02 | Quadrat | 8/05/2025 | Maireana | planifolia | | | No | Native | <1 | 0.6 |
| SA-02 | Quadrat | 8/05/2025 | Paspalidium | clementii | | | No | Native | <1 | 0.2 |
| SA-02 | Quadrat | 8/05/2025 | Psydrax | latifolia | | | No | Native | <1 | 1-2 |
| SA-02 | Quadrat | 8/05/2025 | Ptilotus | obovatus | | | No | Native | 0.5 | 0.5 |
| SA-02 | Quadrat | 8/05/2025 | Senna | glutinosa | subsp. | x luerssenii | No | Native | 1 | 1-2 |
| SA-02 | Quadrat | 8/05/2025 | Solanum | lasiophyllum | | | No | Native | <1 | 0.4 |
| SA-02 | Quadrat | 8/05/2025 | Streptoglossa | decurrens | | | No | Native | - | - |
| SA-02 | Quadrat | 8/05/2025 | Tribulus | suberosus | | | No | Native | 1 | 0.5 |
| SA-03 | Quadrat | 8/05/2025 | Acacia | synchronicia | | | No | Native | 1.5 | 2-5 |
| SA-03 | Quadrat | 8/05/2025 | Acacia | tetragonophylla | | | No | Native | <1 | 1 |
| SA-03 | Quadrat | 8/05/2025 | Acacia | xiphophylla | | | No | Native | 1.5 | 2-5 |
| SA-03 | Opportunistic | 8/05/2025 | Acacia | | sp. | Mulga Paraburdoo (B.R. Maslin et al. BRM 9201) | No | Native | | |
| SA-03 | Opportunistic | 8/05/2025 | Enneapogon | caerulescens | | | No | Native | - | - |
| SA-03 | Quadrat | 8/05/2025 | Eremophea | spinosa | | | No | Native | 2 | 0.2 |
| SA-03 | Quadrat | 8/05/2025 | Eremophila | cuneifolia | | | No | Native | 1.5 | <1 |
| SA-03 | Quadrat | 8/05/2025 | Eremophila | forrestii | subsp. | forrestii | No | Native | <1 | 0.5 |
| SA-03 | Opportunistic | 8/05/2025 | Euphorbia | australis | var. | subtomentosa | No | Native | - | - |
| SA-03 | Opportunistic | 8/05/2025 | Indigofera | monophylla | | | No | Native | | |
| SA-03 | Quadrat | 8/05/2025 | Maireana | | sp. | indet | No | Native | <1 | 0.4 |
| SA-03 | Quadrat | 8/05/2025 | Ptilotus | obovatus | | | No | Native | 1.5 | 0.5 |
| SA-03 | Quadrat | 8/05/2025 | Salsola | australis | | | No | Native | <1 | 0.2 |
| SA-03 | Quadrat | 8/05/2025 | Senna | artemisioides | subsp. | helmsii | No | Native | 8 | 0.5-1.5 |
| SA-03 | Quadrat | 8/05/2025 | Senna | artemisioides | subsp. | oligophylla | No | Native | <1 | 0.5 |
| SA-03 | Quadrat | 8/05/2025 | Senna | glutinosa | subsp. | x luerssenii | No | Native | <1 | 0.5-1.5 |
| SA-03 | Quadrat | 8/05/2025 | Senna | stricta | | | No | Native | 2.5 | 0.5-1.2 |
| SA-03 | Opportunistic | 8/05/2025 | Tephrosia | | sp. | NW Eremaean (S. van Leeuwen et al. PBS 0356) | No | Native | | |
| SA-04 | Quadrat | 8/05/2025 | *Cenchrus | ciliaris | | | No | Introduced | <1 | 0.3 |
| SA-04 | Opportunistic | 8/05/2025 | Acacia | fuscaneura | | | No | Native | - | - |
| SA-04 | Quadrat | 8/05/2025 | Acacia | synchronicia | | | No | Native | 1.5 | 0.5-5 |
| SA-04 | Quadrat | 8/05/2025 | Acacia | tetragonophylla | | | No | Native | <1 | 1-2 |
| SA-04 | Quadrat | 8/05/2025 | Acacia | xiphophylla | | | No | Native | 0.5 | 1-3 |
| SA-04 | Quadrat | 8/05/2025 | Atriplex | codonocapra | | | No | Native | <1 | 0.1 |
| SA-04 | Quadrat | 8/05/2025 | Eremophila | cuneifolia | | | No | Native | 4.5 | 0.4-1 |
| SA-04 | Quadrat | 8/05/2025 | Hakea | preissii | | | No | Native | 0.5 | 1-2.5 |
| SA-04 | Quadrat | 8/05/2025 | Maireana | | sp. | indet | No | Native | <1 | 0.1 |
| SA-04 | Quadrat | 8/05/2025 | Portulaca | oleracea | | | No | Native | <1 | 0.1 |

| Site | Sampling | Observed | Genus | Species | Rank | Infra Name | Significant | Native / Introduced | % Cover | Height (m) |
|---|---|---|---|---|---|---|---|---|---|---|
| SA-04 | Quadrat | 8/05/2025 | Senna | artemisioides | subsp. | oligophylla | No | Native | 0.5 | 1 |
| SA-04 | Quadrat | 8/05/2025 | Senna | glutinosa | subsp. | x luerssenii | No | Native | 1.5 | 0.5-1.5 |
| SA-05 | Opportunistic | 8/05/2025 | Acacia | aptaneura | | | No | Native | - | - |
| SA-05 | Quadrat | 8/05/2025 | Acacia | kempeana | | | No | Native | 1 | 1-2.5 |
| SA-05 | Quadrat | 8/05/2025 | Acacia | synchronicia | | | No | Native | 0.5 | 0.5-3 |
| SA-05 | Quadrat | 8/05/2025 | Acacia | tetragonophylla | | | No | Native | 0.5 | 1-3 |
| SA-05 | Quadrat | 8/05/2025 | Aristida | contorta | | | No | Native | <1 | 0.5 |
| SA-05 | Quadrat | 8/05/2025 | Eremophila | exilifolia | | | No | Native | 1.5 | 0.5-1.5 |
| SA-05 | Quadrat | 8/05/2025 | Eremophila | fraseri | | | No | Native | <1 | 0.5-1.5 |
| SA-05 | Quadrat | 8/05/2025 | Eriachne | mucronata | | | No | Native | <1 | 0.3 |
| SA-05 | Quadrat | 8/05/2025 | Senna | artemisioides | subsp. | helmsii | No | Native | 5 | 0.5-1.8 |
| SA-05 | Quadrat | 8/05/2025 | Senna | artemisioides | subsp. | oligophylla | No | Native | <1 | 0.5-1 |
| SA-05 | Quadrat | 8/05/2025 | Senna | glutinosa | subsp. | luerssenii | No | Native | 1 | 0.5-1.5 |
| SA-06 | Opportunistic | 8/05/2025 | Abutilon | fraseri | | | No | Native | | |
| SA-06 | Quadrat | 8/05/2025 | Acacia | cuthbertsonii | | | No | Native | <1 | 1-2 |
| SA-06 | Quadrat | 8/05/2025 | Acacia | fuscaneura | | | No | Native | <1 | 2-6 |
| SA-06 | Opportunistic | 8/05/2025 | Acacia | subtessarogona | | | No | Native | - | - |
| SA-06 | Quadrat | 8/05/2025 | Acacia | tetragonophylla | | | No | Native | 0.5 | 0.5-3 |
| SA-06 | Opportunistic | 8/05/2025 | Amaranthus | cuspidifolius | | | No | Native | | |
| SA-06 | Quadrat | 8/05/2025 | Aristida | contorta | | | No | Native | 2 | 0.2 |
| SA-06 | Opportunistic | 8/05/2025 | Centipeda | minima | subsp. | macrocephala | No | Native | | |
| SA-06 | Quadrat | 8/05/2025 | Eremophila | fraseri | | | No | Native | <1 | 0.5-1 |
| SA-06 | Quadrat | 8/05/2025 | Eremophila | phyllopoda | subsp. | phyllopoda | No | Native | 4 | 0.5-2.5 |
| SA-06 | Quadrat | 8/05/2025 | Grevillea | berryana | | | No | Native | 1 | 2-4 |
| SA-06 | Quadrat | 8/05/2025 | Ptilotus | obovatus | | | No | Native | 0.5 | 0.4 |
| SA-06 | Quadrat | 8/05/2025 | Senna | artemisioides | subsp. | helmsii | No | Native | 1.5 | 0.5-1.5 |
| SA-06 | Quadrat | 8/05/2025 | Senna | glaucifolia | | | No | Native | <1 | 0.5-1.5 |
| SA-06 | Quadrat | 8/05/2025 | Senna | glutinosa | subsp. | luerssenii | No | Native | <1 | 0.5-1.5 |
| SA-06 | Opportunistic | 8/05/2025 | Sida | rohlenae | subsp. | rohlenae | No | Native | | |
| SA-06 | Quadrat | 8/05/2025 | Solanum | gabrielae | | | No | Native | <1 | 0.3 |
| SA-07 | Quadrat | 9/05/2025 | Acacia | aptaneura | | | No | Native | | |
| SA-07 | Quadrat | 9/05/2025 | Acacia | cuthbertsonii | | | No | Native | 0.5 | 1-2.5 |
| SA-07 | Quadrat | 9/05/2025 | Acacia | fuscaneura | | | No | Native | <1 | <6 |
| SA-07 | Quadrat | 9/05/2025 | Acacia | kempeana | | | No | Native | 3 | 1.5-4 |
| SA-07 | Opportunistic | 9/05/2025 | Acacia | subtessarogona | | | No | Native | - | - |
| SA-07 | Opportunistic | 9/05/2025 | Acacia | synchronicia | | | No | Native | - | - |
| SA-07 | Quadrat | 9/05/2025 | Acacia | tetragonophylla | | | No | Native | 1 | 1-3 |
| SA-07 | Quadrat | 9/05/2025 | Aristida | contorta | | | No | Native | 2 | 0.2 |
| SA-07 | Quadrat | 9/05/2025 | Eremophila | exilifolia | | | No | Native | 0.5 | 0.5-1.5 |
| SA-07 | Quadrat | 9/05/2025 | Eremophila | fraseri | | | No | Native | 1 | 1-2.5 |
| SA-07 | Quadrat | 9/05/2025 | Eremophila | phyllopoda | subsp. | phyllopoda | No | Native | 6 | 0.5-2.5 |
| SA-07 | Quadrat | 9/05/2025 | Grevillea | berryana | | | No | Native | <1 | <6 |
| SA-07 | Quadrat | 9/05/2025 | Senna | artemisioides | subsp. | helmsii | No | Native | <1 | 0.5-1.5 |
| SA-07 | Quadrat | 9/05/2025 | Senna | glutinosa | subsp. | x luerssenii | No | Native | <1 | 1.5 |
| SA-07 | Quadrat | 9/05/2025 | Senna | glutinosa | subsp. | x luerssenii | No | Native | 2 | 1-2 |
| SA-07 | Quadrat | 9/05/2025 | Solanum | gabrielae | | | No | Native | <1 | 0.2 |

| Site | Sampling | Observed | Genus | Species | Rank | Infra Name | Significant | Native / Introduced | % Cover | Height (m) |
|---|---|---|---|---|---|---|---|---|---|---|
| SA-08 | Quadrat | 9/05/2025 | *Cenchrus | ciliaris | | | No | Introduced | 15 | 0.4 |
| SA-08 | Quadrat | 9/05/2025 | *Cenchrus | setiger | | | No | Introduced | 10 | 0.4 |
| SA-08 | Quadrat | 9/05/2025 | Acacia | citrinoviridis | | | No | Native | 15 | 5-12 |
| SA-08 | Quadrat | 9/05/2025 | Acacia | coriacea | | | No | Native | 1 | 4-8 |
| SA-08 | Quadrat | 9/05/2025 | Acacia | cuthbertsonii | | | No | Native | 5 | 2-4 |
| SA-08 | Quadrat | 9/05/2025 | Acacia | macraneura | | | No | Native | 1 | 2-5 |
| SA-08 | Quadrat | 9/05/2025 | Acacia | sclerosperma | subsp. | sclerosperma | No | Native | 2 | >2 |
| SA-08 | Quadrat | 9/05/2025 | Acacia | tetragonophylla | | | No | Native | 1 | 2-4 |
| SA-08 | Quadrat | 9/05/2025 | Eucalyptus | victrix | | | No | Native | 7 | 5-15 |
| SA-08 | Quadrat | 9/05/2025 | Pterocaulon | sphacelatum | | | No | Native | <1 | 0.3 |
| SA-08 | Quadrat | 9/05/2025 | Senna | artemisioides | subsp. | helmsii | No | Native | 0.5 | 1 |
| SA-08 | Quadrat | 9/05/2025 | Senna | artemisioides | subsp. | oligophylla | No | Native | 0.5 | 1 |
| SA-09 | Quadrat | 9/05/2025 | *Cenchrus | ciliaris | | | No | Introduced | <1 | 0.4 |
| SA-09 | Quadrat | 9/05/2025 | Abutilon | fraseri | | | No | Native | <1 | 0.2 |
| SA-09 | Quadrat | 9/05/2025 | Acacia | macraneura | | | No | Native | 2 | 1.5-4.5 |
| SA-09 | Opportunistic | 9/05/2025 | Acacia | sclerosperma | subsp. | sclerosperma | No | Native | - | - |
| SA-09 | Quadrat | 9/05/2025 | Acacia | synchronicia | | | No | Native | 2.5 | 1.-5 |
| SA-09 | Quadrat | 9/05/2025 | Acacia | tetragonophylla | | | No | Native | 0.5 | 1-2.5 |
| SA-09 | Quadrat | 9/05/2025 | Acacia | xiphophylla | | | No | Native | 4.5 | 1.5-5 |
| SA-09 | Quadrat | 9/05/2025 | Enneapogon | caerulescens | | | No | Native | <1 | 0.2 |
| SA-09 | Opportunistic | 9/05/2025 | Eremophila | forrestii | subsp. | forrestii | No | Native | - | - |
| SA-09 | Opportunistic | 9/05/2025 | Eremophila | fraseri | | | No | Native | - | - |
| SA-09 | Quadrat | 9/05/2025 | Eremophila | phyllopoda | subsp. | phyllopoda | No | Native | <1 | 1 |
| SA-09 | Quadrat | 9/05/2025 | Evolvulus | alsinoides | var. | villosicalyx | No | Native | <1 | 0.2 |
| SA-09 | Quadrat | 9/05/2025 | Maireana | tomentosa | | | No | Native | <1 | 0.3 |
| SA-09 | Quadrat | 9/05/2025 | Maireana | | cf. | villosa | No | Native | <1 | 0.4 |
| SA-09 | Quadrat | 9/05/2025 | Paspalidium | clementii | | | No | Native | <1 | 0.2 |
| SA-09 | Quadrat | 9/05/2025 | Ptilotus | obovatus | | | No | Native | 3.5 | 0.5 |
| SA-09 | Quadrat | 9/05/2025 | Salsola | australis | | | No | Native | <1 | 0.2 |
| SA-09 | Quadrat | 9/05/2025 | Scaevola | spinescens | | | No | Native | 0.5 | 1-2 |
| SA-09 | Quadrat | 9/05/2025 | Senna | artemisioides | subsp. | helmsii | No | Native | 2.5 | 0.5-1.5 |
| SA-09 | Quadrat | 9/05/2025 | Senna | artemisioides | subsp. | oligophylla | No | Native | 1.5 | 0.5-1 |
| SA-09 | Quadrat | 9/05/2025 | Tephrosia | | sp. | NW Eremaean (S. van Leeuwen et al. PBS 0356) | No | Native | <1 | 0.1 |
| SA-10 | Quadrat | 9/05/2025 | Acacia | cuthbertsonii | | | No | Native | <1 | 1.5 |
| SA-10 | Quadrat | 9/05/2025 | Acacia | kempeana | | | No | Native | 2 | 1.5-3 |
| SA-10 | Quadrat | 9/05/2025 | Acacia | synchronicia | | | No | Native | 2 | 1-5 |
| SA-10 | Quadrat | 9/05/2025 | Acacia | tetragonophylla | | | No | Native | 1.5 | 1-3 |
| SA-10 | Quadrat | 9/05/2025 | Aristida | contorta | | | No | Native | 0.5 | 0.2 |
| SA-10 | Quadrat | 9/05/2025 | Eremophila | exilifolia | | | No | Native | 1 | 0.5-1.5 |
| SA-10 | Quadrat | 9/05/2025 | Eremophila | forrestii | subsp. | forrestii | No | Native | 1 | 1-2 |
| SA-10 | Quadrat | 9/05/2025 | Salsola | australis | | | No | Native | <1 | 0.2 |
| SA-10 | Quadrat | 9/05/2025 | Senna | artemisioides | subsp. | helmsii | No | Native | 5 | 0.5-1.5 |
| SA-11 | Quadrat | 9/05/2025 | Acacia | aptaneura | | | No | Native | | |
| SA-11 | Quadrat | 9/05/2025 | Acacia | synchronicia | | | No | Native | <1 | 1-2 |
| SA-11 | Quadrat | 9/05/2025 | Acacia | tetragonophylla | | | No | Native | 1 | 1-2 |
| SA-11 | Quadrat | 9/05/2025 | Acacia | xiphophylla | | | No | Native | <1 | 2-5 |

| Site | Sampling | Observed | Genus | Species | Rank | Infra Name | Significant | Native / Introduced | % Cover | Height (m) |
|---|---|---|---|---|---|---|---|---|---|---|
| SA-11 | Quadrat | 9/05/2025 | Aristida | contorta | | | No | Native | <1 | 0.2 |
| SA-11 | Quadrat | 9/05/2025 | Eremophila | cuneifolia | | | No | Native | 2 | 0.5-1 |
| SA-11 | Quadrat | 9/05/2025 | Maireana | | sp. | indet | No | Native | <1 | 0.4 |
| SA-11 | Quadrat | 9/05/2025 | Ptilotus | obovatus | | | No | Native | 0.5 | 0.5 |
| SA-11 | Quadrat | 9/05/2025 | Scaevola | spinescens | | | No | Native | <1 | 1 |
| SA-11 | Quadrat | 9/05/2025 | Senna | artemisioides | subsp. | helmsii | No | Native | 2 | 0.5-1 |
| SA-11 | Quadrat | 9/05/2025 | Senna | artemisioides | subsp. | oligophylla | No | Native | <1 | 1 |
| SA-11 | Quadrat | 9/05/2025 | Tephrosia | densa | | | No | Native | | |
| SA-12 | Quadrat | 9/05/2025 | Abutilon | | aff. | lepidum | No | Native | <1 | 0.2 |
| SA-12 | Quadrat | 9/05/2025 | Acacia | kempeana | | | No | Native | 3 | 2-4 |
| SA-12 | Quadrat | 9/05/2025 | Acacia | mulganeura | | | No | Native | 1 | 5 |
| SA-12 | Quadrat | 9/05/2025 | Acacia | tetragonophylla | | | No | Native | 4 | 2-4 |
| SA-12 | Quadrat | 9/05/2025 | Arivela | viscosa | | | No | Native | <1 | 0.2 |
| SA-12 | Quadrat | 9/05/2025 | Eremophila | fraseri | | | No | Native | 4.5 | 1-2 |
| SA-12 | Quadrat | 9/05/2025 | Eremophila | latrobei | subsp. | latrobei | No | Native | 1.5 | 0.5-1.5 |
| SA-12 | Quadrat | 9/05/2025 | Paspalidium | clementii | | | No | Native | <1 | 0.1 |
| SA-12 | Quadrat | 9/05/2025 | Ptilotus | obovatus | | | No | Native | 2 | 0.5 |
| SA-12 | Quadrat | 9/05/2025 | Senna | artemisioides | subsp. | helmsii | No | Native | 1 | 1 |
| SA-12 | Quadrat | 9/05/2025 | Senna | glutinosa | subsp. | glutinosa | No | Native | <1 | 1.5 |
| SA-12 | Quadrat | 9/05/2025 | Solanum | cleistogamum | | | No | Native | 1 | 0.2 |
| SA-12 | Quadrat | 9/05/2025 | Solanum | gabrielae | | | No | Native | <1 | 0.5 |
| SA-12 | Quadrat | 9/05/2025 | Tephrosia | densa | | | No | Native | <1 | 0.5 |
| SA-13 | Quadrat | 9/05/2025 | Acacia | cuthbertsonii | | | No | Native | 1 | 1.5-2.5 |
| SA-13 | Quadrat | 9/05/2025 | Acacia | kempeana | | | No | Native | <1 | 1-2 |
| SA-13 | Quadrat | 9/05/2025 | Acacia | macraneura | | | No | Native | 3 | 5-8 |
| SA-13 | Quadrat | 9/05/2025 | Acacia | tetragonophylla | | | No | Native | 0.5 | 1-2.5 |
| SA-13 | Quadrat | 9/05/2025 | Eremophila | fraseri | | | No | Native | 1 | 1-2.5 |
| SA-13 | Quadrat | 9/05/2025 | Ptilotus | obovatus | | | No | Native | <1 | 0.5 |
| SA-13 | Quadrat | 9/05/2025 | Senna | artemisioides | subsp. | helmsii | No | Native | <1 | 0.5-1 |
| SA-14 | Quadrat | 9/05/2025 | Abutilon | fraseri | | | No | Native | 1 | 0.5 |
| SA-14 | Quadrat | 9/05/2025 | Acacia | citrinoviridis | | | No | Native | 0.5 | 4-6 |
| SA-14 | Quadrat | 9/05/2025 | Acacia | cuthbertsonii | | | No | Native | 20 | 2-3 |
| SA-14 | Quadrat | 9/05/2025 | Acacia | kempeana | | | No | Native | 5 | 2-4 |
| SA-14 | Quadrat | 9/05/2025 | Acacia | macraneura | | | No | Native | 2 | 2-5 |
| SA-14 | Quadrat | 9/05/2025 | Acacia | synchronicia | | | No | Native | 1 | 1.5-3 |
| SA-14 | Quadrat | 9/05/2025 | Acacia | tetragonophylla | | | No | Native | 3 | 2-4 |
| SA-14 | Quadrat | 9/05/2025 | Acacia | xiphophylla | | | No | Native | 0.5 | 4-5 |
| SA-14 | Quadrat | 9/05/2025 | Aristida | contorta | | | No | Native | <1 | 0.2 |
| SA-14 | Quadrat | 9/05/2025 | Arivela | viscosa | | | No | Native | <1 | 0.5 |
| SA-14 | Quadrat | 9/05/2025 | Boerhavia | coccinea | | | No | Native | <1 | 0.3 |
| SA-14 | Quadrat | 9/05/2025 | Corchorus | crozophorifolius | | | No | Native | <1 | 0.3 |
| SA-14 | Quadrat | 9/05/2025 | Cucumis | variabilis | | | No | Native | <1 | Cl |
| SA-14 | Quadrat | 9/05/2025 | Eremophila | cuneifolia | | | No | Native | <1 | 0.5-1 |
| SA-14 | Quadrat | 9/05/2025 | Eremophila | fraseri | | | No | Native | 1 | 1-2.5 |
| SA-14 | Quadrat | 9/05/2025 | Eremophila | phyllopoda | subsp. | phyllopoda | No | Native | 1 | 1-2 |
| SA-14 | Quadrat | 9/05/2025 | Glycine | canescens | | | No | Native | <1 | Cl |

| Site | Sampling | Observed | Genus | Species | Rank | Infra Name | Significant | Native / Introduced | % Cover | Height (m) |
|---|---|---|---|---|---|---|---|---|---|---|
| SA-14 | Quadrat | 9/05/2025 | Indigofera | decipiens | | | No | Native | 1 | 0.5 |
| SA-14 | Quadrat | 9/05/2025 | Indigofera | decipiens | | | No | Native | <1 | 0.3 |
| SA-14 | Quadrat | 9/05/2025 | Poaceae | | sp. | indet | No | Native | 0.5 | 0.3 |
| SA-14 | Quadrat | 9/05/2025 | Pterocaulon | sphacelatum | | | No | Native | <1 | 0.5 |
| SA-14 | Quadrat | 9/05/2025 | Ptilotus | obovatus | | | No | Native | 1 | 0.5 |
| SA-14 | Quadrat | 9/05/2025 | Salsola | australis | | | No | Native | <1 | 0.2 |
| SA-14 | Quadrat | 9/05/2025 | Senna | artemisioides | subsp. | helmsii | No | Native | 2 | 0.5-1.5 |
| SA-14 | Quadrat | 9/05/2025 | Senna | artemisioides | subsp. | oligophylla | No | Native | <1 | 0.5-1 |
| SA-14 | Quadrat | 9/05/2025 | Solanum | cleistogamum | | | No | Native | <1 | 0.1 |
| SA-14 | Quadrat | 9/05/2025 | Streptoglossa | decurrens | | | No | Native | <1 | 0.2 |
| SA-14 | Quadrat | 9/05/2025 | Trichodesma | zeylanicum | | | No | Native | <1 | 0.5 |
| SA-15 | Quadrat | 9/05/2025 | Acacia | kempeana | | | No | Native | 1 | 2-4 |
| SA-15 | Quadrat | 9/05/2025 | Acacia | synchronicia | | | No | Native | 1 | 1.5-2.5 |
| SA-15 | Quadrat | 9/05/2025 | Acacia | tetragonophylla | | | No | Native | 1.5 | 1.5-2.5 |
| SA-15 | Quadrat | 9/05/2025 | Aristida | contorta | | | No | Native | 1 | 0.2 |
| SA-15 | Quadrat | 9/05/2025 | Eremophila | phyllopoda | subsp. | phyllopoda | No | Native | 5 | 0.5-2.5 |
| SA-15 | Quadrat | 9/05/2025 | Ptilotus | obovatus | | | No | Native | <1 | 0.5 |
| SA-15 | Quadrat | 9/05/2025 | Scaevola | spinescens | | | No | Native | <1 | 1-1.5 |
| SA-15 | Quadrat | 9/05/2025 | Senna | artemisioides | subsp. | helmsii | No | Native | 2.5 | 0.5-1.5 |
| SA-15 | Quadrat | 9/05/2025 | Senna | glutinosa | subsp. | x luerssenii | No | Native | <1 | 1-1.5 |
| SA-15 | Quadrat | 9/05/2025 | Senna | glutinosa | subsp. | x luerssenii | No | Native | 1.5 | 1-2 |
| SA-16 | Quadrat | 9/05/2025 | *Asphodelus | fistulosus | | | No | Introduced | <1 | 0.5 |
| SA-16 | Quadrat | 9/05/2025 | *Cenchrus | ciliaris | | | No | Introduced | 15 | 0.4 |
| SA-16 | Quadrat | 9/05/2025 | *Cenchrus | setiger | | | No | Introduced | 1 | 0.4 |
| SA-16 | Quadrat | 9/05/2025 | *Datura | leichhardtii | | | No | Introduced | <1 | 0.3 |
| SA-16 | Quadrat | 9/05/2025 | *Malvastrum | americanum | | | No | Introduced | 0.5 | 0.4 |
| SA-16 | Quadrat | 9/05/2025 | Acacia | aptaneura | | | No | Native | 25 | 5-10 |
| SA-16 | Quadrat | 9/05/2025 | Acacia | citrinoviridis | | | No | Native | 2 | 2-5 |
| SA-16 | Quadrat | 9/05/2025 | Acacia | cuthbertsonii | | | No | Native | 1.5 | 1-2.5 |
| SA-16 | Quadrat | 9/05/2025 | Acacia | synchronicia | | | No | Native | 2 | 2-4 |
| SA-16 | Quadrat | 9/05/2025 | Acacia | tetragonophylla | | | No | Native | 1.5 | 2-4 |
| SA-16 | Quadrat | 9/05/2025 | Acacia | xiphophylla | | | No | Native | 0.5 | 2.5 |
| SA-16 | Quadrat | 9/05/2025 | Brachyscome | | sp. | indet | No | Native | <1 | 0.1 |
| SA-16 | Quadrat | 9/05/2025 | Eragrostis | xerophila | | | No | Native | <1 | 0.3 |
| SA-16 | Quadrat | 9/05/2025 | Eremophila | fraseri | | | No | Native | 1 | 1-2 |
| SA-16 | Quadrat | 9/05/2025 | Pterocaulon | sphacelatum | | | No | Native | 2 | 0.4 |
| SA-16 | Quadrat | 9/05/2025 | Ptilotus | obovatus | | | No | Native | <1 | 0.4 |
| SA-16 | Quadrat | 9/05/2025 | Scaevola | spinescens | | | No | Native | <1 | 1.5 |
| SA-16 | Quadrat | 9/05/2025 | Senna | artemisioides | subsp. | helmsii | No | Native | 1 | 1-1.5 |
| SA-16 | Quadrat | 9/05/2025 | Trichodesma | zeylanicum | | | No | Native | <1 | 0.3 |
| SA-17 | Quadrat | 10/05/2025 | *Cenchrus | ciliaris | | | No | Introduced | 1 | 0.3 |
| SA-17 | Quadrat | 10/05/2025 | Abutilon | | aff. | lepidum | No | Native | <1 | 0.2 |
| SA-17 | Quadrat | 10/05/2025 | Acacia | kempeana | | | No | Native | 0.5 | 1-3 |
| SA-17 | Quadrat | 10/05/2025 | Acacia | tetragonophylla | | | No | Native | 2.5 | 1-3 |
| SA-17 | Quadrat | 10/05/2025 | Aristida | contorta | | | No | Native | 2 | 0.2 |
| SA-17 | Quadrat | 10/05/2025 | Boerhavia | coccinea | | | No | Native | <1 | 0.2 |

| Site | Sampling | Observed | Genus | Species | Rank | Infra Name | Significant | Native / Introduced | % Cover | Height (m) |
|---|---|---|---|---|---|---|---|---|---|---|
| SA-17 | Quadrat | 10/05/2025 | Bonamia | pannosa | | | No | Native | <1 | 0.1 |
| SA-17 | Quadrat | 10/05/2025 | Eremophila | exilifolia | | | No | Native | 4 | 0.5-1.5 |
| SA-17 | Quadrat | 10/05/2025 | Eremophila | fraseri | | | No | Native | 5 | 0.5-3 |
| SA-17 | Quadrat | 10/05/2025 | Eremophila | phyllopoda | subsp. | phyllopoda | No | Native | <1 | 1 |
| SA-17 | Quadrat | 10/05/2025 | Eriachne | mucronata | | | No | Native | 1 | 0.4 |
| SA-17 | Quadrat | 10/05/2025 | Euploca | inexplicita | | | No | Native | <1 | 0.1 |
| SA-17 | Quadrat | 10/05/2025 | Gomphrena | kanisii | | | No | Native | 0.5 | 0.2 |
| SA-17 | Quadrat | 10/05/2025 | Leichhardtia | australis | | | No | Native | <1 | l |
| SA-17 | Quadrat | 10/05/2025 | Paspalidium | clementii | | | No | Native | <1 | 0.3 |
| SA-17 | Quadrat | 10/05/2025 | Portulaca | oleracea | | | No | Native | 0.5 | 0.1 |
| SA-17 | Quadrat | 10/05/2025 | Ptilotus | obovatus | | | No | Native | 1 | 0.5 |
| SA-17 | Quadrat | 10/05/2025 | Senna | artemisioides | subsp. | helmsii | No | Native | 3 | 0.5-1.2 |
| SA-18 | Quadrat | 10/05/2025 | *Cenchrus | ciliaris | | | No | Introduced | 3 | 0.4 |
| SA-18 | Quadrat | 10/05/2025 | *Cenchrus | setiger | | | No | Introduced | 5 | 0.4 |
| SA-18 | Quadrat | 10/05/2025 | *Malvastrum | americanum | | | No | Introduced | 0.5 | 0.5 |
| SA-18 | Quadrat | 10/05/2025 | Acacia | citrinoviridis | | | No | Native | 30 | 4-10 |
| SA-18 | Quadrat | 10/05/2025 | Acacia | cuthbertsonii | | | No | Native | 10 | 2-4 |
| SA-18 | Quadrat | 10/05/2025 | Acacia | sclerosperma | subsp. | sclerosperma | No | Native | 3 | 2-3 |
| SA-18 | Opportunistic | 10/05/2025 | Acacia | subtessarogona | | | No | Native | - | - |
| SA-18 | Quadrat | 10/05/2025 | Acacia | synchronicia | | | No | Native | 0.5 | 2-5 |
| SA-18 | Quadrat | 10/05/2025 | Acacia | tetragonophylla | | | No | Native | 2 | 2-4 |
| SA-18 | Quadrat | 10/05/2025 | Afrohybanthus | aurantiacus | | | No | Native | 0.5 | 0.3 |
| SA-18 | Quadrat | 10/05/2025 | Arivela | viscosa | | | No | Native | 0.5 | 0.5 |
| SA-18 | Quadrat | 10/05/2025 | Atriplex | semilunaris | | | No | Native | <1 | 0.3 |
| SA-18 | Quadrat | 10/05/2025 | Boerhavia | coccinea | | | No | Native | <1 | 0.3 |
| SA-18 | Quadrat | 10/05/2025 | Corchorus | crozophorifolius | | | No | Native | <1 | 0.5-1 |
| SA-18 | Quadrat | 10/05/2025 | Crotalaria | medicaginea | var. | neglecta | No | Native | 3 | 0.5 |
| SA-18 | Quadrat | 10/05/2025 | Duperreya | commixta | | | No | Native | <1 | Cl |
| SA-18 | Quadrat | 10/05/2025 | Evolvulus | alsinoides | var. | villosicalyx | No | Native | <1 | 0.1 |
| SA-18 | Quadrat | 10/05/2025 | Gomphrena | kanisii | | | No | Native | <1 | 0.2 |
| SA-18 | Quadrat | 10/05/2025 | Indigofera | decipiens | | | No | Native | <1 | 0.4 |
| SA-18 | Quadrat | 10/05/2025 | Lepidium | | sp. | indet | No | Native | <1 | 0.2 |
| SA-18 | Quadrat | 10/05/2025 | Portulaca | oleracea | | | No | Native | <1 | 0.1 |
| SA-18 | Quadrat | 10/05/2025 | Pterocaulon | sphacelatum | | | No | Native | 2 | 0.35 |
| SA-18 | Quadrat | 10/05/2025 | Ptilotus | obovatus | | | No | Native | <1 | 0.5 |
| SA-18 | Quadrat | 10/05/2025 | Rhynchosia | minima | | | No | Native | 1 | 0.5 |
| SA-18 | Quadrat | 10/05/2025 | Scaevola | spinescens | | | No | Native | <1 | 1-2 |
| SA-18 | Quadrat | 10/05/2025 | Senna | artemisioides | subsp. | helmsii | No | Native | 1 | 0.5-1.5 |
| SA-18 | Quadrat | 10/05/2025 | Streptoglossa | decurrens | | | No | Native | 0.5 | 0.4 |
| SA-18 | Quadrat | 10/05/2025 | Trianthema | triquetrum | | | No | Native | <1 | 0.1 |
| SA-18 | Quadrat | 10/05/2025 | Trichodesma | zeylanicum | | | No | Native | 1.5 | 0.5 |
| SA-19 | Quadrat | 10/05/2025 | Abutilon | | sp. | indet | No | Native | 0.5 | 0.2 |
| SA-19 | Quadrat | 10/05/2025 | Acacia | cuthbertsonii | | | No | Native | <1 | 1-2 |
| SA-19 | Quadrat | 10/05/2025 | Acacia | kempeana | | | No | Native | 50 | 2-4 |
| SA-19 | Quadrat | 10/05/2025 | Acacia | macraneura | | | No | Native | 3 | 5-8 |
| SA-19 | Quadrat | 10/05/2025 | Acacia | synchronicia | | | No | Native | 4 | 2-4 |

| Site | Sampling | Observed | Genus | Species | Rank | Infra Name | Significant | Native / Introduced | % Cover | Height (m) |
|---|---|---|---|---|---|---|---|---|---|---|
| SA-19 | Quadrat | 10/05/2025 | Acacia | tetragonophylla | | | No | Native | 3 | 2-3 |
| SA-19 | Quadrat | 10/05/2025 | Amaranthus | | sp. | indet | No | Native | <1 | 0.4 |
| SA-19 | Quadrat | 10/05/2025 | Aristida | contorta | | | No | Native | <1 | 0.2 |
| SA-19 | Quadrat | 10/05/2025 | Boerhavia | coccinea | | | No | Native | <1 | 0.3 |
| SA-19 | Quadrat | 10/05/2025 | Chrysopogon | fallax | | | No | Native | <1 | 0.5 |
| SA-19 | Quadrat | 10/05/2025 | Corchorus | crozophorifolius | | | No | Native | <1 | 0.5-1 |
| SA-19 | Quadrat | 10/05/2025 | Crotalaria | medicaginea | var. | neglecta | No | Native | <1 | 0.4 |
| SA-19 | Quadrat | 10/05/2025 | Enchylaena | tomentosa | | | No | Native | 0.5 | 0.5 |
| SA-19 | Quadrat | 10/05/2025 | Eremophila | cuneifolia | | | No | Native | <1 | 1 |
| SA-19 | Quadrat | 10/05/2025 | Eremophila | fraseri | | | No | Native | 4 | 1-3 |
| SA-19 | Quadrat | 10/05/2025 | Eriachne | mucronata | | | No | Native | <1 | 0.4 |
| SA-19 | Quadrat | 10/05/2025 | Evolvulus | alsinoides | var. | villosicalyx | No | Native | 1 | 0.2 |
| SA-19 | Quadrat | 10/05/2025 | Gomphrena | kanisii | | | No | Native | <1 | 0.2 |
| SA-19 | Quadrat | 10/05/2025 | Goodenia | forrestii | | | No | Native | <1 | 0.2 |
| SA-19 | Quadrat | 10/05/2025 | Hakea | preissii | | | No | Native | <1 | 1-2 |
| SA-19 | Quadrat | 10/05/2025 | Indigofera | decipiens | | | No | Native | <1 | 0.3 |
| SA-19 | Quadrat | 10/05/2025 | Lepidium | oxytrichum | | | No | Native | <1 | 0.1 |
| SA-19 | Quadrat | 10/05/2025 | Portulaca | oleracea | | | No | Native | <1 | 0.1 |
| SA-19 | Quadrat | 10/05/2025 | Psydrax | latifolia | | | No | Native | <1 | 3 |
| SA-19 | Quadrat | 10/05/2025 | Ptilotus | obovatus | | | No | Native | 5 | 0.4 |
| SA-19 | Quadrat | 10/05/2025 | Salsola | australis | | | No | Native | <1 | 0.3 |
| SA-19 | Quadrat | 10/05/2025 | Scaevola | spinescens | | | No | Native | <1 | 1-2 |
| SA-19 | Quadrat | 10/05/2025 | Sida | brownii | | | No | Native | <1 | 0.3 |
| SA-19 | Quadrat | 10/05/2025 | Solanum | gabrielae | | | No | Native | <1 | 0.3 |
| SA-19 | Quadrat | 10/05/2025 | Trichodesma | zeylanicum | | | No | Native | <1 | 0.5 |
| SA-20 | Quadrat | 10/05/2025 | *Cenchrus | ciliaris | | | No | Introduced | 5 | 0.5 |
| SA-20 | Quadrat | 10/05/2025 | Abutilon | | sp. | indet | No | Native | 0.5 | 0.3 |
| SA-20 | Quadrat | 10/05/2025 | Acacia | cuthbertsonii | | | No | Native | 25 | 2-4 |
| SA-20 | Quadrat | 10/05/2025 | Acacia | kempeana | | | No | Native | 20 | >2 |
| SA-20 | Quadrat | 10/05/2025 | Acacia | macraneura | | | No | Native | 25 | 3-8 |
| SA-20 | Quadrat | 10/05/2025 | Acacia | synchronicia | | | No | Native | 2 | 2-4 |
| SA-20 | Quadrat | 10/05/2025 | Acacia | tetragonophylla | | | No | Native | 5 | 2-4 |
| SA-20 | Quadrat | 10/05/2025 | Aristida | contorta | | | No | Native | 3 | 0.3 |
| SA-20 | Quadrat | 10/05/2025 | Arivela | viscosa | | | No | Native | 1 | 0.3 |
| SA-20 | Quadrat | 10/05/2025 | Boerhavia | coccinea | | | No | Native | <1 | 0.3 |
| SA-20 | Quadrat | 10/05/2025 | Chrysopogon | fallax | | | No | Native | 4 | 0.5 |
| SA-20 | Quadrat | 10/05/2025 | Enneapogon | polyphyllus | | | No | Native | <1 | 0.2 |
| SA-20 | Quadrat | 10/05/2025 | Evolvulus | alsinoides | var. | villosicalyx | No | Native | 1 | 0.2 |
| SA-20 | Quadrat | 10/05/2025 | Glycine | canescens | | | No | Native | 5 | Cl |
| SA-20 | Quadrat | 10/05/2025 | Lepidium | | sp. | indet | No | Native | 0.5 | 0.1 |
| SA-20 | Quadrat | 10/05/2025 | Pterocaulon | sphacelatum | | | No | Native | 1 | 0.2 |
| SA-20 | Quadrat | 10/05/2025 | Pterocaulon | sphacelatum | | | No | Native | 0.5 | 0.5 |
| SA-20 | Quadrat | 10/05/2025 | Ptilotus | obovatus | | | No | Native | <1 | 0.5 |
| SA-20 | Quadrat | 10/05/2025 | Rhagodia | eremaea | | | No | Native | 0.5 | 1.5 |
| SA-21 | Quadrat | 11/05/2025 | Acacia | kempeana | | | No | Native | 0.5 | 1-2 |
| SA-21 | Opportunistic | 11/05/2025 | Acacia | macraneura | | | No | Native | - | - |

| Site | Sampling | Observed | Genus | Species | Rank | Infra Name | Significant | Native / Introduced | % Cover | Height (m) |
|---|---|---|---|---|---|---|---|---|---|---|
| SA-21 | Quadrat | 11/05/2025 | Acacia | synchronicia | | | No | Native | 1.5 | 0.5-1 |
| SA-21 | Quadrat | 11/05/2025 | Acacia | tetragonophylla | | | No | Native | 1 | 0.5-2 |
| SA-21 | Opportunistic | 11/05/2025 | Acacia | xiphophylla | | | No | Native | - | - |
| SA-21 | Opportunistic | 11/05/2025 | Enchylaena | tomentosa | | | No | Native | - | - |
| SA-21 | Quadrat | 11/05/2025 | Eremophila | cuneifolia | | | No | Native | 2.5 | 0.5-1 |
| SA-21 | Quadrat | 11/05/2025 | Senna | artemisioides | subsp. | helmsii | No | Native | 1 | 0.5-1 |
| SA-21 | Quadrat | 11/05/2025 | Senna | glutinosa | subsp. | x luerssenii | No | Native | <1 | 1 |
| SA-22 | Quadrat | 11/05/2025 | Acacia | synchronicia | | | No | Native | 2 | 1-4 |
| SA-22 | Quadrat | 11/05/2025 | Acacia | tetragonophylla | | | No | Native | <1 | 1-2 |
| SA-22 | Quadrat | 11/05/2025 | Acacia | xiphophylla | | | No | Native | 10 | 1.5-6 |
| SA-22 | Quadrat | 11/05/2025 | Eremophila | cuneifolia | | | No | Native | 4 | 0.5-1 |
| SA-22 | Quadrat | 11/05/2025 | Poaceae | | sp. | indet | No | Native | 0.5 | 0.2 |
| SA-22 | Quadrat | 11/05/2025 | Salsola | australis | | | No | Native | <1 | 0.2 |
| SA-22 | Quadrat | 11/05/2025 | Senna | artemisioides | subsp. | helmsii | No | Native | 0.5 | 0.5 |
| SA-22 | Quadrat | 11/05/2025 | Senna | glutinosa | subsp. | x luerssenii | No | Native | <1 | 1-2 |
| SA-22 | Quadrat | 11/05/2025 | Senna | | sp. | Meekatharra (E. Bailey 1-26) | No | Native | 4 | 0.5 |
| SA-23 | Quadrat | 11/05/2025 | *Cenchrus | ciliaris | | | No | Introduced | 25 | 0.4 |
| SA-23 | Quadrat | 11/05/2025 | *Cenchrus | setiger | | | No | Introduced | 2 | 0.4 |
| SA-23 | Quadrat | 11/05/2025 | *Malvastrum | americanum | | | No | Introduced | 1 | 0.4 |
| SA-23 | Quadrat | 11/05/2025 | Abutilon | | sp. | indet | No | Native | <1 | 0.2 |
| SA-23 | Quadrat | 11/05/2025 | Acacia | citrinoviridis | | | No | Native | 1 | 6 |
| SA-23 | Quadrat | 11/05/2025 | Acacia | cuthbertsonii | | | No | Native | 50 | 2-4 |
| SA-23 | Quadrat | 11/05/2025 | Acacia | kempeana | | | No | Native | 15 | 2-6 |
| SA-23 | Quadrat | 11/05/2025 | Acacia | tetragonophylla | | | No | Native | 5 | 2-4 |
| SA-23 | Quadrat | 11/05/2025 | Acacia | | sp. | Mulga Paraburdoo (B.R. Maslin et al. BRM 9201) | No | Native | 10 | 5-10 |
| SA-23 | Quadrat | 11/05/2025 | Arivela | viscosa | | | No | Native | <1 | 0.5 |
| SA-23 | Quadrat | 11/05/2025 | Brachyscome | | sp. | indet | No | Native | <1 | 0.2 |
| SA-23 | Quadrat | 11/05/2025 | Crotalaria | medicaginea | var. | neglecta | No | Native | 1 | 0.5 |
| SA-23 | Quadrat | 11/05/2025 | Ipomoaea | muelleri | | | No | Native | <1 | Cr |
| SA-23 | Quadrat | 11/05/2025 | Pterocaulon | sphacelatum | | | No | Native | 2 | 0.4 |
| SA-23 | Quadrat | 11/05/2025 | Salsola | australis | | | No | Native | <1 | 0.4 |
| SA-23 | Quadrat | 11/05/2025 | Senna | artemisioides | subsp. | helmsii | No | Native | 0.5 | 1-2 |
| SA-23 | Quadrat | 11/05/2025 | Trichodesma | zeylanicum | | | No | Native | 2 | 0.5 |
| SA-24 | Opportunistic | 11/05/2025 | Acacia | cuthbertsonii | | | No | Native | - | - |
| SA-24 | Opportunistic | 11/05/2025 | Acacia | fuscaneura | | | No | Native | - | - |
| SA-24 | Quadrat | 11/05/2025 | Acacia | kempeana | | | No | Native | 3 | 2-4 |
| SA-24 | Quadrat | 11/05/2025 | Acacia | tetragonophylla | | | No | Native | 1.5 | 1-3 |
| SA-24 | Quadrat | 11/05/2025 | Aristida | contorta | | | No | Native | 0.5 | 0.2 |
| SA-24 | Quadrat | 11/05/2025 | Eremophila | fraseri | | | No | Native | 1 | 1-2 |
| SA-24 | Quadrat | 11/05/2025 | Portulaca | oleracea | | | No | Native | <1 | 0.1 |
| SA-24 | Quadrat | 11/05/2025 | Ptilotus | obovatus | | | No | Native | 1 | 0.4 |
| SA-24 | Quadrat | 11/05/2025 | Salsola | australis | | | No | Native | <1 | 0.2 |
| SA-24 | Quadrat | 11/05/2025 | Senna | artemisioides | subsp. | helmsii | No | Native | 3.5 | 0.5-1.5 |
| SA-24 | Quadrat | 11/05/2025 | Sida | brownii | | | No | Native | <1 | 0.1 |
| SA-25 | Quadrat | 11/05/2025 | Acacia | cuthbertsonii | | | No | Native | 1.5 | 1-3 |
| SA-25 | Quadrat | 11/05/2025 | Acacia | macraneura | | | No | Native | 6 | 4-6 |

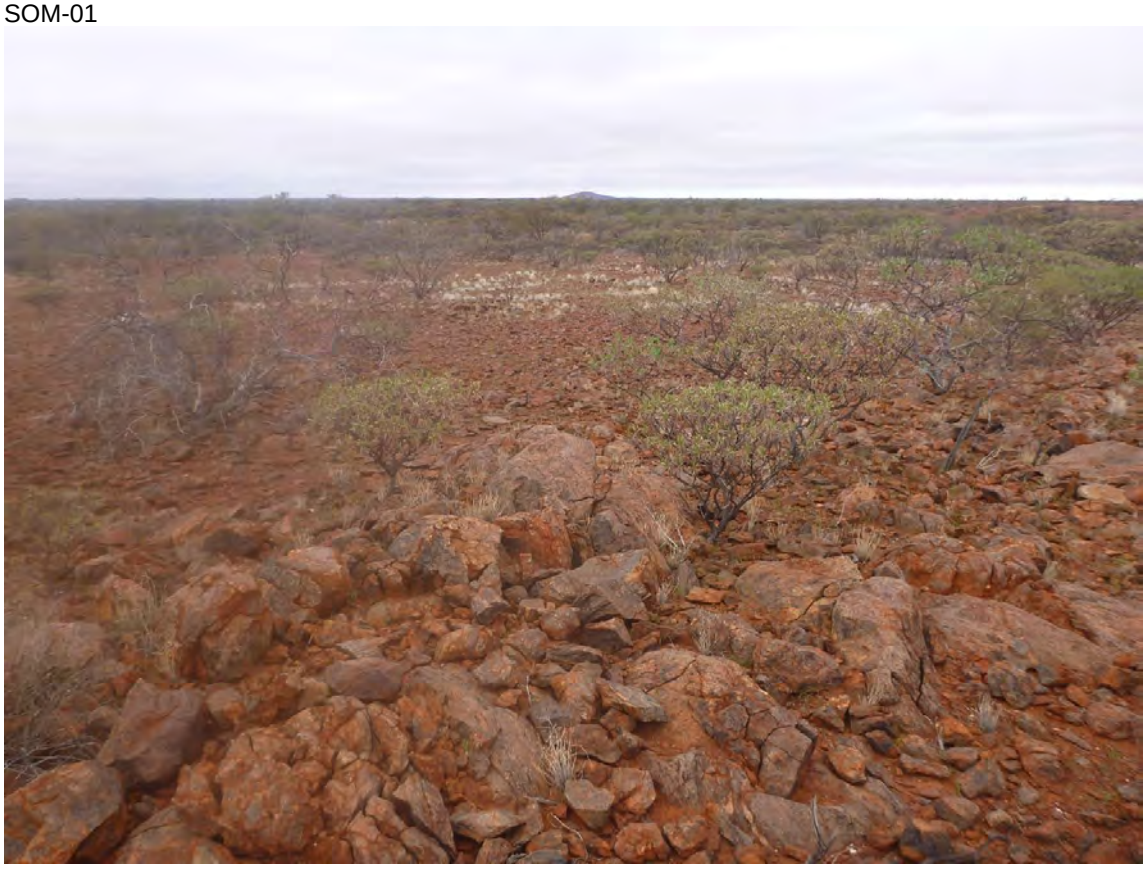
| Site | Sampling | Observed | Genus | Species | Rank | Infra Name | Significant | Native / Introduced | % Cover | Height (m) |
|---|---|---|---|---|---|---|---|---|---|---|
| SA-25 | Quadrat | 11/05/2025 | Acacia | tetragonophylla | | | No | Native | <1 | 2 |
| SA-25 | Quadrat | 11/05/2025 | Aristida | contorta | | | No | Native | <1 | 0.1 |
| SA-25 | Quadrat | 11/05/2025 | Eremophila | fraseri | | | No | Native | 1 | 0.5-1.5 |
| SA-25 | Quadrat | 11/05/2025 | Indigofera | decipiens | | | No | Native | <1 | 0.2 |
| SA-25 | Quadrat | 11/05/2025 | Ptilotus | obovatus | | | No | Native | <1 | 0.3 |
| SA-25 | Quadrat | 11/05/2025 | Senna | artemisioides | subsp. | helmsii | No | Native | 1 | 0.5 |
| SA-25 | Quadrat | 11/05/2025 | Solanum | gabrielae | | | No | Native | <1 | 0.3 |
| SA-26 | Quadrat | 11/05/2025 | Acacia | cuthbertsonii | | | No | Native | 3.5 | 2-3 |
| SA-26 | Quadrat | 11/05/2025 | Acacia | macraneura | | | No | Native | 1.5 | 6 |
| SA-26 | Quadrat | 11/05/2025 | Acacia | tetragonophylla | | | No | Native | 1 | 2-3 |
| SA-26 | Quadrat | 11/05/2025 | Aristida | contorta | | | No | Native | 0.5 | 0.2 |
| SA-26 | Quadrat | 11/05/2025 | Eremophila | fraseri | | | No | Native | 0.5 | 1-2 |
| SA-26 | Quadrat | 11/05/2025 | Indigofera | decipiens | | | No | Native | <1 | 0.2 |
| SA-26 | Quadrat | 11/05/2025 | Ptilotus | obovatus | | | No | Native | 1 | 0.3 |
| SA-26 | Quadrat | 11/05/2025 | Senna | artemisioides | subsp. | helmsii | No | Native | 2 | 1-2 |
| SA-27 | Quadrat | 11/05/2025 | Acacia | cuthbertsonii | | | No | Native | 0.5 | 1-2 |
| SA-27 | Quadrat | 11/05/2025 | Acacia | kempeana | | | No | Native | 1 | 2-4 |
| SA-27 | Quadrat | 11/05/2025 | Acacia | tetragonophylla | | | No | Native | 1 | 1-3 |
| SA-27 | Quadrat | 11/05/2025 | Aristida | contorta | | | No | Native | 1.5 | 0.2 |
| SA-27 | Quadrat | 11/05/2025 | Eremophila | fraseri | | | No | Native | 2 | 1-2 |
| SA-27 | Quadrat | 11/05/2025 | Eremophila | phyllopoda | subsp. | phyllopoda | No | Native | 1 | 1-2 |
| SA-27 | Quadrat | 11/05/2025 | Scaevola | spinescens | | | No | Native | <1 | 1.5 |
| SA-27 | Quadrat | 11/05/2025 | Senna | artemisioides | subsp. | helmsii | No | Native | 2 | 0.5-1.5 |
| SA-27 | Quadrat | 11/05/2025 | Senna | glutinosa | subsp. | x luerssenii | No | Native | <1 | 1-2 |
| SA-28 | Quadrat | 11/05/2025 | *Cenchrus | ciliaris | | | No | Introduced | 20 | 0.5 |
| SA-28 | Quadrat | 11/05/2025 | *Cenchrus | setiger | | | No | Introduced | 10 | 0.4 |
| SA-28 | Quadrat | 11/05/2025 | *Malvastrum | americanum | | | No | Introduced | 1 | 0.5 |
| SA-28 | Quadrat | 11/05/2025 | Acacia | citrinoviridis | | | No | Native | 20 | 5-10 |
| SA-28 | Quadrat | 11/05/2025 | Acacia | cuthbertsonii | | | No | Native | 15 | 2-4 |
| SA-28 | Quadrat | 11/05/2025 | Acacia | sclerosperma | subsp. | sclerosperma | No | Native | 1 | 2-3 |
| SA-28 | Quadrat | 11/05/2025 | Acacia | tetragonophylla | | | No | Native | 2 | 2-4 |
| SA-28 | Quadrat | 11/05/2025 | Acacia | | sp. | Mulga Paraburdoo (B.R. Maslin et al. BRM 9201) | No | Native | 5 | 5-10 |
| SA-28 | Quadrat | 11/05/2025 | Afrohybanthus | aurantiacus | | | No | Native | 1 | 0.4 |
| SA-28 | Quadrat | 11/05/2025 | Amaranthus | | sp. | indet | No | Native | <1 | 0.4 |
| SA-28 | Quadrat | 11/05/2025 | Arivela | viscosa | | | No | Native | 2 | 0.5 |
| SA-28 | Quadrat | 11/05/2025 | Atriplex | semilunaris | | | No | Native | <1 | 0.3 |
| SA-28 | Quadrat | 11/05/2025 | Boerhavia | coccinea | | | No | Native | 3 | 0.3 |
| SA-28 | Quadrat | 11/05/2025 | Crotalaria | medicaginea | var. | neglecta | No | Native | 3 | 0.5 |
| SA-28 | Quadrat | 11/05/2025 | Duperreya | commixta | | | No | Native | <1 | Cl |
| SA-28 | Quadrat | 11/05/2025 | Lepidium | | sp. | indet | No | Native | <1 | 0.1 |
| SA-28 | Quadrat | 11/05/2025 | Portulaca | oleracea | | | No | Native | 0.5 | 0.1 |
| SA-28 | Quadrat | 11/05/2025 | Pterocaulon | sphacelatum | | | No | Native | 3 | 0.4 |
| SA-28 | Quadrat | 11/05/2025 | Ptilotus | exaltatus | | | No | Native | <1 | 0.5 |
| SA-28 | Quadrat | 11/05/2025 | Rhynchosia | minima | | | No | Native | 1 | 0.4 |
| SA-28 | Quadrat | 11/05/2025 | Senna | artemisioides | subsp. | helmsii | No | Native | 0.5 | 0.5-1.5 |
| SA-28 | Quadrat | 11/05/2025 | Senna | artemisioides | subsp. | oligophylla | No | Native | <1 | 0.5 |

| Site | Sampling | Observed | Genus | Species | Rank | Infra Name | Significant | Native / Introduced | % Cover | Height (m) |
|---|---|---|---|---|---|---|---|---|---|---|
| SA-28 | Quadrat | 11/05/2025 | Streptoglossa | decurrens | | | No | Native | <1 | 0.5 |
| SA-28 | Quadrat | 11/05/2025 | Tephrosia | densa | | | No | Native | <1 | 0.2 |
| SA-28 | Quadrat | 11/05/2025 | Trichodesma | zeylanicum | | | No | Native | 5 | 0.5-1.5 |
| SA-29 | Quadrat | 11/05/2025 | *Cenchrus | ciliaris | | | No | Introduced | 20 | 0.3 |
| SA-29 | Quadrat | 11/05/2025 | *Cenchrus | setiger | | | No | Introduced | 10 | 0.3 |
| SA-29 | Quadrat | 11/05/2025 | Abutilon | | sp. | indet | No | Native | 0.5 | 0.2 |
| SA-29 | Quadrat | 11/05/2025 | Acacia | citrinoviridis | | | No | Native | 20 | 5-10 |
| SA-29 | Quadrat | 11/05/2025 | Acacia | cuthbertsonii | | | No | Native | 6 | 2-4 |
| SA-29 | Quadrat | 11/05/2025 | Acacia | sclerosperma | subsp. | sclerosperma | No | Native | 2 | 2-3 |
| SA-29 | Quadrat | 11/05/2025 | Acacia | tetragonophylla | | | No | Native | 4 | 2-4 |
| SA-29 | Quadrat | 11/05/2025 | Acacia | | sp. | Mulga Paraburdoo (B.R. Maslin et al. BRM 9201) | No | Native | 5 | 5-10 |
| SA-29 | Quadrat | 11/05/2025 | Arivela | viscosa | | | No | Native | 0.5 | 0.2 |
| SA-29 | Quadrat | 11/05/2025 | Atriplex | codonocapra | | | No | Native | <1 | 0.2 |
| SA-29 | Quadrat | 11/05/2025 | Atriplex | semilunaris | | | No | Native | <1 | 0.4 |
| SA-29 | Quadrat | 11/05/2025 | Boerhavia | coccinea | | | No | Native | 5 | 0.3 |
| SA-29 | Quadrat | 11/05/2025 | Crotalaria | medicaginea | var. | neglecta | No | Native | <1 | 0.2 |
| SA-29 | Quadrat | 11/05/2025 | Eremophila | fraseri | | | No | Native | 1 | 2-3 |
| SA-29 | Quadrat | 11/05/2025 | Lepidium | | sp. | indet | No | Native | <1 | 0.1 |
| SA-29 | Quadrat | 11/05/2025 | Portulaca | oleracea | | | No | Native | 1.5 | 0.1 |
| SA-29 | Quadrat | 11/05/2025 | Salsola | australis | | | No | Native | 0.5 | 0.3 |
| SA-29 | Quadrat | 11/05/2025 | Senna | artemisioides | subsp. | helmsii | No | Native | 1 | 0.5-1.5 |
| SA-29 | Quadrat | 11/05/2025 | Trianthema | triquetrum | | | No | Native | <1 | 0.1 |
| SA-29 | Quadrat | 11/05/2025 | Trichodesma | zeylanicum | | | No | Native | 1 | 0.3 |
| SA-30 | Quadrat | 11/05/2025 | Acacia | cuthbertsonii | | | No | Native | 3 | 2-3 |
| SA-30 | Quadrat | 11/05/2025 | Acacia | kempeana | | | No | Native | 4 | 2-4 |
| SA-30 | Quadrat | 11/05/2025 | Acacia | synchronicia | | | No | Native | 0.5 | 2-3 |
| SA-30 | Quadrat | 11/05/2025 | Acacia | tetragonophylla | | | No | Native | 4 | 2-4 |
| SA-30 | Quadrat | 11/05/2025 | Acacia | xiphophylla | | | No | Native | <1 | 2-3 |
| SA-30 | Quadrat | 11/05/2025 | Aristida | contorta | | | No | Native | 5 | 0.3 |
| SA-30 | Quadrat | 11/05/2025 | Eremophila | cuneifolia | | | No | Native | 2 | 0.5 |
| SA-30 | Quadrat | 11/05/2025 | Eremophila | fraseri | | | No | Native | 2 | 1-2 |
| SA-30 | Quadrat | 11/05/2025 | Indigofera | decipiens | | | No | Native | <1 | 0.2 |
| SA-30 | Quadrat | 11/05/2025 | Maireana | planifolia | | | No | Native | <1 | 0.5 |
| SA-30 | Quadrat | 11/05/2025 | Ptilotus | obovatus | | | No | Native | 1 | 0.4 |
| SA-30 | Quadrat | 11/05/2025 | Salsola | australis | | | No | Native | <1 | 0.3 |
| SA-30 | Quadrat | 11/05/2025 | Senna | artemisioides | subsp. | helmsii | No | Native | 4 | 0.5-1.5 |
| SA-30 | Quadrat | 11/05/2025 | Solanum | cleistogamum | | | No | Native | <1 | 0.1 |
| SA-31 | Quadrat | 11/05/2025 | Acacia | kempeana | | | No | Native | 1 | >2 |
| SA-31 | Quadrat | 11/05/2025 | Acacia | tetragonophylla | | | No | Native | <1 | 1 |
| SA-31 | Quadrat | 11/05/2025 | Aristida | contorta | | | No | Native | <1 | 0.1 |
| SA-31 | Quadrat | 11/05/2025 | Eremophila | exilifolia | | | No | Native | 2 | 0.5-1 |
| SA-31 | Quadrat | 11/05/2025 | Eremophila | fraseri | | | No | Native | 1 | 0.5-1.5 |
| SA-31 | Quadrat | 11/05/2025 | Grevillea | berryana | | | No | Native | 1 | >2 |
| SA-31 | Quadrat | 11/05/2025 | Senna | artemisioides | subsp. | helmsii | No | Native | 3 | 0.5-1 |
| SA-32 | Quadrat | 11/05/2025 | Abutilon | fraseri | | | No | Native | 5 | 0.4 |
| SA-32 | Quadrat | 11/05/2025 | Abutilon | | aff. | lepidum | No | Native | <1 | 0.2 |

| Site | Sampling | Observed | Genus | Species | Rank | Infra Name | Significant | Native / Introduced | % Cover | Height (m) |
|---|---|---|---|---|---|---|---|---|---|---|
| SA-32 | Quadrat | 11/05/2025 | Acacia | cuthbertsonii | | | No | Native | 55 | 2-4 |
| SA-32 | Quadrat | 11/05/2025 | Acacia | kempeana | | | No | Native | 25 | 2-4 |
| SA-32 | Quadrat | 11/05/2025 | Acacia | macraneura | | | No | Native | 8 | 2-5 |
| SA-32 | Quadrat | 11/05/2025 | Acacia | tetragonophylla | | | No | Native | 10 | 2-4 |
| SA-32 | Quadrat | 11/05/2025 | Atriplex | codonocapra | | | No | Native | <1 | 0.2 |
| SA-32 | Quadrat | 11/05/2025 | Evolvulus | alsinoides | var. | villosicalyx | No | Native | <1 | 0.2 |
| SA-32 | Quadrat | 11/05/2025 | Glycine | canescens | | | No | Native | 4 | Cl |
| SA-32 | Quadrat | 11/05/2025 | Harnieria | | sp. | Gascoyne (J.P. Bull ONS-2721.04) | Yes | Native | <1 | 0.25 |
| SA-32 | Quadrat | 11/05/2025 | Hibiscus | | sp. | Gardneri (A.L. Payne PRP 1435) | No | Native | <1 | 0.3 |
| SA-32 | Quadrat | 11/05/2025 | Indigofera | decipiens | | | No | Native | <1 | 0.3 |
| SA-32 | Quadrat | 11/05/2025 | Lepidium | | sp. | indet | No | Native | <1 | 0.1 |
| SA-32 | Quadrat | 11/05/2025 | Paspalidium | clementii | | | No | Native | <1 | 0.2 |
| SA-32 | Quadrat | 11/05/2025 | Pterocaulon | sphacelatum | | | No | Native | 10 | 0.4 |
| SA-32 | Quadrat | 11/05/2025 | Ptilotus | obovatus | | | No | Native | 1 | 0.5 |
| SA-32 | Quadrat | 11/05/2025 | Salsola | australis | | | No | Native | <1 | 0.3 |
| SA-32 | Quadrat | 11/05/2025 | Senna | artemisioides | subsp. | oligophylla | No | Native | 1 | 1 |
| SA-32 | Quadrat | 11/05/2025 | Sida | fibulifera | | | No | Native | 0.5 | 0.15 |
| SA-32 | Quadrat | 11/05/2025 | Sida | | sp. | spiciform panicles (E. Leyland s.n. 14/8/90) | No | Native | <1 | 0.5 |
| SA-32 | Quadrat | 11/05/2025 | Trichodesma | zeylanicum | | | No | Native | 2 | 0.5 |



SOM-01



SOM-02



SOM-03



SOM-04



SOM-05



SOM-06



SOM-07



SOM-08



SOM-09



SOM-10



SOM-11



SOM-12



SOM-13



SOM-14



SOM-15



SOM-16



SOM-17



SOM-18



SOM-19



SOM-20



SOM-21



SOM-22



SOM-23



SOM-24



SOM-25



SOM-26



SOM-27



SOM-28



SOM-29



SOM-30



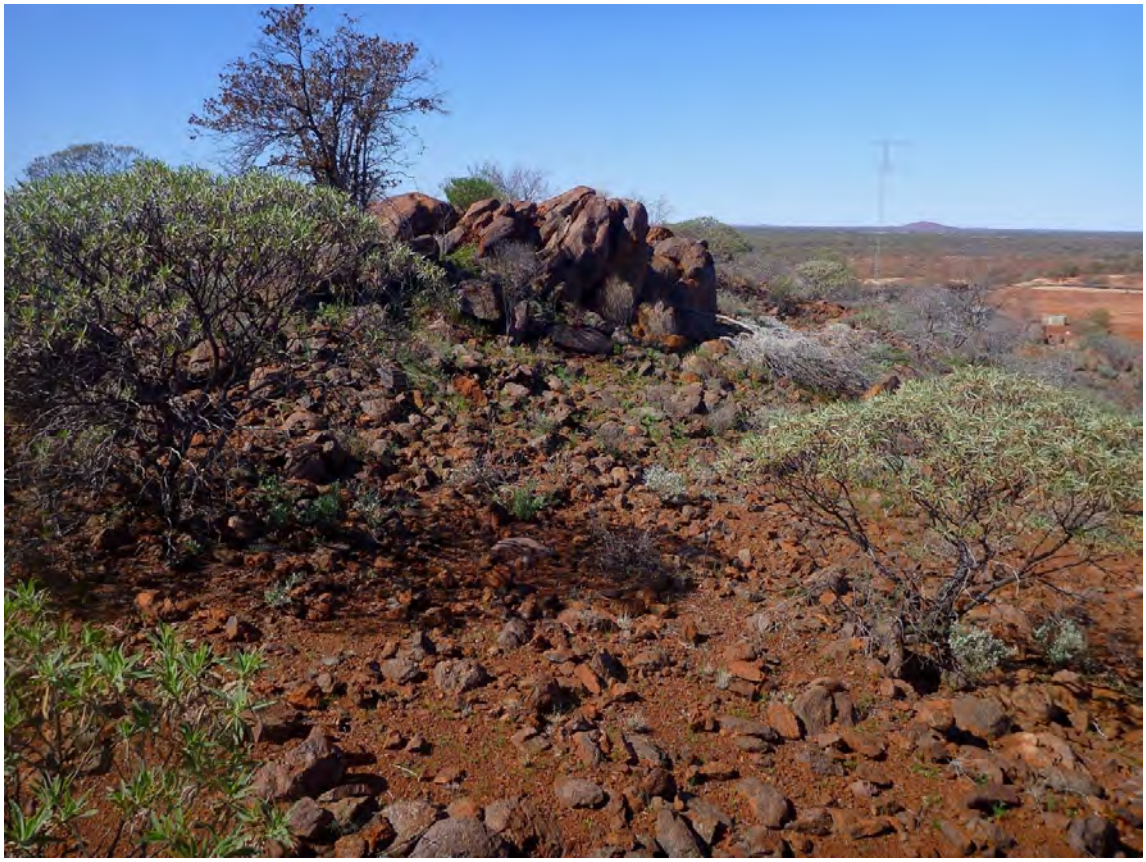
SOM-31



SOM-32



SOM-33



SOM-34



SOM-35



SOM-36



SOM-37



SOM-38



SOM-39



SOM-40



SOM-41



SOM-42



SOM-43



SA-01



SA-02



SA-03



SA-04



SA-05



SA-06



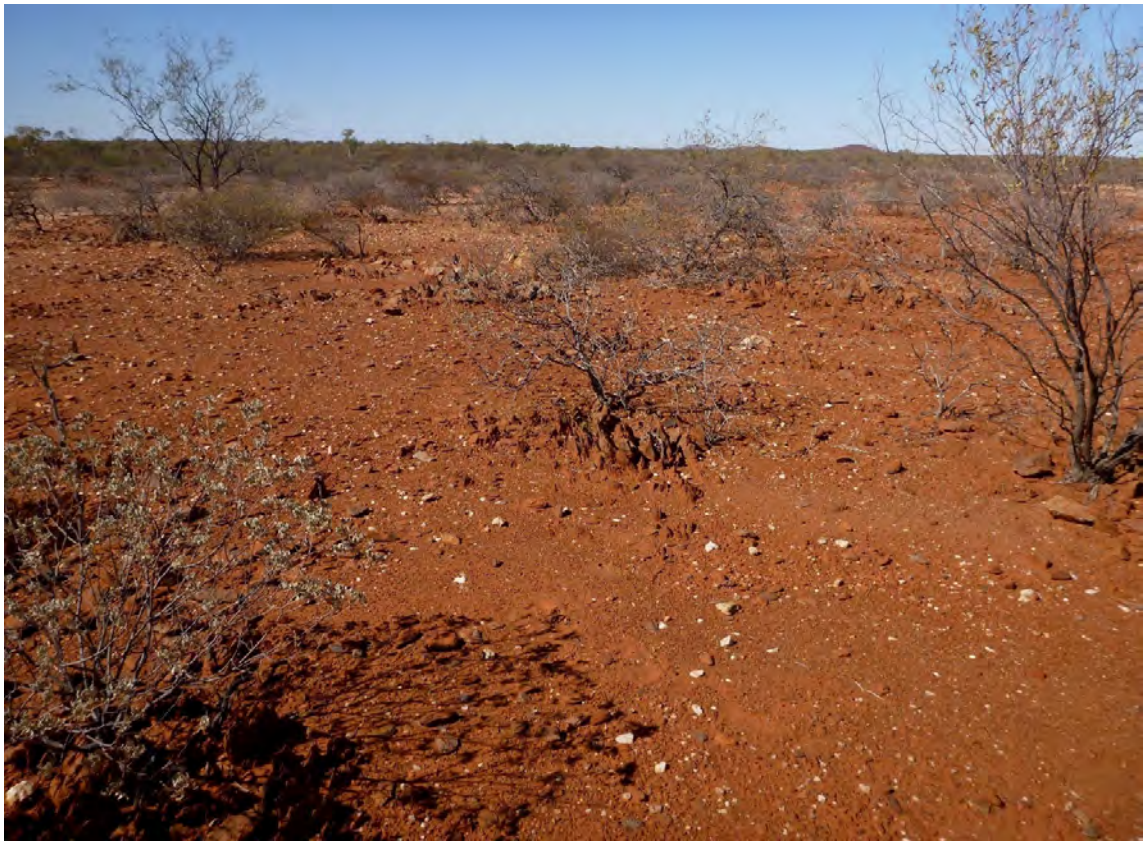
SA-07



SA-08



SA-09



SA-10



SA-11



SA-12



SA-13



SA-14



SA-15



SA-16



SA-17



SA-18



SA-19



SA-20



SA-21



SA-22



SA-23



SA-24



SA-25



SA-26



SA-27



SA-28



SA-29



SA-30



SA-31



SA-32