

M70/1342 BORANUP

DETAILED FLORA AND VEGETATION SURVEY

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The logo for PGV Environmental is located in the bottom right corner of the page. It features the letters 'PGV' in a large, bold, white sans-serif font. Below 'PGV', the word 'ENVIRONMENTAL' is written in a smaller, white, all-caps sans-serif font. The background of the logo area is a vibrant orange with a subtle pattern of fine, white, curved lines that create a sense of movement and depth.

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1 INTRODUCTION

1.1 Background

Mining Lease M70/1342 is located in the Shire of Augusta Margaret River, approximately 25km south of the Margaret River townsite (Figure 1). The mining lease is 77ha in size of which around 9ha has been excavated for lime sand mining at the eastern end. Lime Industries is proposing to extend the current sand mine further west and south-west (Figure 2).

The proposed expansion area is around 15.5ha and contains native vegetation. PGV Environmental was commissioned by Lime Industries to undertake a Detailed Flora and Vegetation Survey in the proposed expansion area (the site).

1.2 Scope of Works

A Detailed Flora and Vegetation Survey was undertaken in accordance with EPA Technical Guidance *Flora and Vegetation Surveys for Environmental Impact Assessment* (EPA, 2016). The survey included the following:

- Desktop search and review of the Department of Biodiversity, Conservation and Attractions (DBCAs) Threatened and Priority flora and Ecological Community Databases;
- A search of the Atlas of Living Australia database (ALA, 2021);
- A search of the Commonwealth Government's Protected Matters Search Tool (DAWE, 2022) to identify species potentially occurring within the area that are protected under the *Environment Protection and Biodiversity Conservation (EPBC) Act 1999*;
- Examination of historic and recent aerial photography and contour and soil maps to provisionally identify vegetation types and condition;
- Field survey using quadrats to record native and introduced species as well as a thorough site walkover of any areas of native vegetation;
- Recording of any significant plant species using a hand-held GPS;
- Description and mapping of vegetation types and vegetation condition;
- Compilation of a flora list; and
- Assessing the conservation value of flora species and vegetation communities.

2 EXISTING ENVIRONMENT

2.1 Land Use

The earliest available historic aerial photograph on-line from 1971 shows that the site was mostly bare sand with some areas of native vegetation (Plate 1) (Landgate, 2022).

Plate 1: Aerial Photograph 1971 (Landgate, 2022)



Native vegetation established over much of the bare sand areas over time (Plate 2). Lime sand mining has commenced at the north-east end of the tenement.

Plate 2: Aerial Photograph 2004 (Landgate, 2022)



The most recently available aerial photograph from 2020 shows the expansion of the sand mine over the eastern part of the tenement. The area subject of this survey is all native vegetation.

Plate 3: Aerial Photograph 2020 (Landgate, 2022)



2.2 Topography

The site gently slopes up from the top of the existing pit at around 120m to a high point near the south-west corner with an elevation of around 170 m Australian Height Datum (AHD) (Figure 2). A network of small dunes and swales occurs within the site.

2.3 Geology and Soils

The site is mapped as part of the Gracetown Ridge System which is a limestone ridge, in the coastal edge of the Leeuwin Zone (DPIRD, 2022). The soil units mapped on the site are:

- Kilcarnup dunes (organic) Phase (216GrKPf) which are steep dunes, (gradients usually in excess of 20%) not exposed to prevailing winds with deep pale calcareous sands with brown topsoil (DPIRD, 2022) and are mapped over the majority of the site.
- Kilcarnup blowout Phase (216GrKPM) which are steep bare dunes of mobile pale calcareous sand, not exposed to prevailing winds. (DPIRD, 2022). This phase is mapped on the north-eastern corner of the site.

2.4 Hydrology

The Surficial Aquifer in the Cape to Cape South sub-area ranges from alluvial and colluvial deposits in river valleys to dunes and swales which can reach a thickness exceeding 100 m. The saturated thickness of the aquifer is small and in places, dune sands lie over dry bedrock with no water-table development (DoW, 2009).

The site is elevated on highly porous material and there are no drainage lines or wetlands.

3 METHODOLOGY

3.1 Database Searches

Searches of the following databases were undertaken prior to the site survey:

- Department of Biodiversity, Conservation and Attractions (DBCA) Threatened and Priority Flora database and Threatened Ecological Communities database (Appendix 1) with a buffer radius of 20km;
- Atlas of Living Australia (ALA, 2021) (Appendix 2) with a buffer radius of 10km; and
- The Commonwealth Government's Protected Matters Search Tool to identify species potentially occurring within the area that are protected under the *Environment Protection and Biodiversity Conservation (EPBC) Act 1999* (DAWE, 2021). A radius of 5km was used for this database (Appendix 3).

3.2 Detailed Survey

A Detailed spring flora and vegetation survey of the site was conducted by Dr Paul van der Moezel on 22 October 2021. The site was walked to record all species in the survey area. The vegetation on the site is extremely thick in most places and difficult to walk through. All areas that appeared to be different vegetation types on the aerial photographs were able to be accessed. In addition, the highest point in the south-west corner of the site was reached. PGV Environmental consider the inability to survey the whole site in detail was not a constraint to the results given the uniform nature of the vegetation types recorded.

Information on flora composition and vegetation structure was recorded in seven 10m x 10m non-permanent quadrats sampled from representative vegetation types.

Most plant species were identified in the field. Some specimens were photographed or taken for identification at the Perth Reference Herbarium or office using standard reference guides.

3.3 Survey Conditions

The conditions that the survey was undertaken in are presented in Table 1 in order to assess the adequacy of the survey. Rainfall for Jandakot (Measured at Jandakot Airport, Site Number 009712, 16km from the site) was above average for July in 2021 being 242.2mm and slightly below average in August being 144.6mm compared to mean values of 222.0mm and 164.8mm (BOM, 2021). The rainfall in September was 93.6mm compared to an average of 112.0mm (BOM, 2021). There was higher than average rainfall in October (109.4mm compared to a mean of 71.8mm) (BOM, 2021). There are no extremes in weather events so the climatic conditions are not a constraint on the survey.

Table 1: Statement of Botanical Survey Conditions

Issue	Constraints (Y/N)*	Comment
Competency/experience of the consultant conducting the survey	No	Dr Paul van der Moezel has extensive botanical survey experience in the Augusta-Margaret River area.
Proportion of the flora identified^	No	The timing of the survey in mid-October was optimal to identify most flora species on the site including all potential Threatened and Priority Flora. No follow-up survey required.
Sources of information (historic/recent or new data)	No	The flora of the region is relatively well known.
Proportion of the task achieved and further work that may need to be undertaken	No	No follow-up survey required as no Threatened Flora expected to occur in other seasons.
Timing/weather/season/cycle	No	The spring survey was optimal for most flora species. 2021 was a good year for ephemeral species.
Disturbances (Fire)	No	The fire age of the vegetation was greater than 5 years
Intensity of survey (e.g. In retrospect was the intensity adequate)	No	Site coverage was low due to the very difficult vegetation to walk through. All vegetation types and topographical areas accessed. Low site coverage unlikely to impact on results due to the uniformity of vegetation types.
Completeness (e.g. was relevant area fully surveyed)	No	
Resources (e.g. degree of expertise available for plant identification)	No	Experienced botanist undertook most plant identifications on site.
Remoteness and/or access problems	No	Accessible site close to Caves Road.
Availability of contextual (e.g. bioregional) information for the study area.	No	Beard <i>et al.</i> (2013)

*Constraints have been rated as Significant, Moderate or No constraints

^Fungi and nonvascular flora (e.g. algae, mosses and liverworts) were not specifically surveyed for during the survey.

4 RESULTS

4.1 Flora Database Searches

The search of the DBCA Threatened and Priority Flora Databases: the WA Herbarium database (WAHerb), the Threatened and Priority Flora Species List (TFPL) (37-1021FL) (Appendix 1) and Atlas of Living Australia (Appendix 2) indicates that a number of species that are listed as Endangered, Threatened or Priority have been recorded within the vicinity of the site. The EPBC Act Protected Matters Search Tool (Appendix 3) identifies species listed under the EPBC Act as potentially having habitat in the area. The results from these database searches are shown in Table 2. None of the species has been recorded from the survey area.

Table 2: Conservation Significant Flora Identified in Database Searches

Scientific Name	Common Name	Conservation Status (WA)	Status under EPBC Act
<i>Caladenia lodgeana</i>	Lodge's Spider-orchid	Critically Endangered	Critically Endangered
<i>Gastrolobium papilio</i>	Butterfly-leafed Poison	Critically Endangered	Endangered
<i>Lambertia echinata</i> subsp. <i>occidentalis</i>	Western Prickly Honeysuckle	Critically Endangered	Endangered
<i>Banksia nivea</i> subsp. <i>uliginosa</i>	Swamp Honey-pot	Endangered	Endangered
<i>Boronia exilis</i>	Scott River Boronia	Endangered	Endangered
<i>Caladenia excelsa</i>	Giant Spider-orchid	Endangered	Endangered
<i>Caladenia hoffmanii</i>	Hoffman's Spider-orchid	Endangered	Endangered
<i>Darwinia ferricola</i>	Scott River Darwinia	Endangered	Endangered
<i>Drakaea micrantha</i>	Dwarf Hammer-orchid	Endangered	Vulnerable
<i>Grevillea brachystylis</i> subsp. <i>australis</i>		Endangered	Vulnerable
<i>Kennedia lateritia</i>	Augusta Kennedia	Endangered	Endangered
<i>Lambertia orbifolia</i> subsp. Scott River Plains (L.W. Sage 684)	Roundleaf Honeysuckle	Endangered	Endangered
<i>Reedia spathacea</i>	Reedia	Endangered	Critically Endangered
<i>Banksia squarrosa</i> subsp. <i>argillacea</i>	Whicher Range Dryandra	Vulnerable	Vulnerable
<i>Leptomeria dielsiana</i>	Diels' Currant Bush	Presumed Extinct	Vulnerable
<i>Caladenia pholcoidea</i> subsp. <i>augustensis</i>	Augusta Spider Orchid	Priority 1	
<i>Deyeuxia inaequalis</i>		Priority 1	
<i>Hemigenia obovata</i>		Priority 1	
<i>Netrostylis</i> sp. Nannup (P.A. Jurjevich 1133)		Priority 1	

Scientific Name	Common Name	Conservation Status (WA)	Status under EPBC Act
<i>Philydrella pygmaea</i> subsp. <i>minima</i>		Priority 1	
<i>Schoenus indutus</i>		Priority 1	
<i>Stylidium</i> sp. Scott River Plain (N.G. Marchant 74/23)		Priority 1	
<i>Synaphea macrophylla</i>		Priority 1	
<i>Synaphea nexosa</i>		Priority 1	
<i>Synaphea</i> sp. Redgate Road (J. Scott 16)		Priority 1	
<i>Caladenia ambusta</i>	Boranup Spider Orchid	Priority 2	
<i>Conospermum quadripetalum</i>		Priority 2	
<i>Hemigenia</i> sp. Nillup (R.D. Royce 98)		Priority 2	
<i>Hydrocotyle</i> sp. <i>Hamelinensis</i> (G.J. Keighery s.n. PERTH 02391325)		Priority 2	
<i>Leptomeria furtiva</i>		Priority 2	
<i>Lepyrodia extensa</i>		Priority 2	
<i>Schoenus loliaceus</i>		Priority 2	
<i>Schoenus</i> sp. Grassy (E. Gude & J. Harvey 250)		Priority 2	
<i>Stenanthemum sublineare</i>		Priority 2	
<i>Acacia lateriticola</i> var. <i>Glabrous</i> variant (B.R.Maslin 6765)		Priority 3	
<i>Actinotus repens</i>		Priority 3	
<i>Andersonia</i> sp. <i>Amabile</i> (N. Gibson & M. Lyons 355)		Priority 3	
<i>Austrostipa mundula</i>		Priority 3	
<i>Blennospora doliiformis</i>		Priority 3	
<i>Boronia anceps</i>		Priority 3	
<i>Caladenia abbreviata</i>	Coastal Spider Orchid	Priority 3	
<i>Calothamnus lateralis</i> var. <i>crassus</i>		Priority 3	
<i>Chordifex gracilior</i>		Priority 3	
<i>Chordifex jacksonii</i>		Priority 3	
<i>Cyathochaeta stipoides</i>		Priority 3	
<i>Dampiera heteroptera</i>		Priority 3	
<i>Gastrolobium formosum</i>		Priority 3	
<i>Grevillea manglesioides</i> subsp. <i>ferricola</i>		Priority 3	
<i>Grevillea papillosa</i>		Priority 3	
<i>Isopogon formosus</i> subsp. <i>dasylepis</i>		Priority 3	

Scientific Name	Common Name	Conservation Status (WA)	Status under EPBC Act
<i>Juncus meianthus</i>		Priority 3	
<i>Leptinella drummondii</i>		Priority 3	
<i>Lepyrodia heleocharoides</i>		Priority 3	
<i>Leucopogon alternifolius</i>		Priority 3	
<i>Leucopogon wheelerae</i>		Priority 3	
<i>Loxocarya magna</i>		Priority 3	
<i>Netrostylis</i> sp. Blackwood River (A.R. Annel 3043)		Priority 3	
<i>Notisia intonsa</i>	Shaggy Gnephosis	Priority 3	
<i>Pimelea ciliata</i> subsp. <i>longituba</i>		Priority 3	
<i>Pultenaea pinifolia</i>		Priority 3	
<i>Stylidium lowrieianum</i>	Lowrie's Triggerplant	Priority 3	
<i>Stylidium trudgenii</i>		Priority 3	
<i>Thysanotus cymosus</i>		Priority 3	
<i>Acacia semitrullata</i>		Priority 4	
<i>Acacia tayloriana</i>		Priority 4	
<i>Adenanthos detmoldii</i>		Priority 4	
<i>Adenanthos x pamela</i>		Priority 4	
<i>Aotus carinata</i>		Priority 4	
<i>Astartea onycis</i>		Priority 4	
<i>Banksia meisneri</i> subsp. <i>ascendens</i>		Priority 4	
<i>Banksia sessilis</i> var. <i>cordata</i>		Priority 4	
<i>Caladenia interjacens</i>	Walpole Spider Orchid	Priority 4	
<i>Eucalyptus calcicola</i> subsp. <i>calcicola</i>		Priority 4	
<i>Eucalyptus marginata</i> x <i>megacarpa</i>		Priority 4	
<i>Franklandia triaristata</i>	Lanoline Bush	Priority 4	
<i>Gonocarpus pusillus</i>		Priority 4	
<i>Hypolaena robusta</i>		Priority 4	
<i>Melaleuca basicephala</i>		Priority 4	
<i>Pultenaea skinneri</i>	Skinner's Pea	Priority 4	
<i>Stylidium gloeophyllum</i>		Priority 4	
<i>Stylidium ireneae</i>		Priority 4	
<i>Stylidium leeuwinense</i>		Priority 4	
<i>Tripterococcus</i> sp. <i>Brachylobus</i> (A.S. George 14234)		Priority 4	
<i>Verticordia lehmannii</i>		Priority 4	

Definitions of the Conservation Codes are in Appendix 4.

Based on the soil types and vegetation type and conditions observed during the survey the likelihood of conservation significant species identified in the database searches occurring on the site has been examined (Table 3). No Threatened species are considered to have potential to occur on the site.

Three Priority flora species have potential to occur on the site based on the soil type.

Table 3: Likelihood of Identified Significant Flora Species Occurring on the Site

Scientific Name	Common Name	Habitat*	Likelihood to occur on the site
Critically Endangered			
<i>Caladenia lodgeana</i>	Lodge's Spider-orchid	Lodge's Spider-orchid occurs in clay soils or in black loam on the margins or winter-wet areas and below granite outcrops (Hopper and Brown, 2001).	No – not suitable habitat
<i>Gastrolobium papilio</i>	Butterfly-leafed Poison	Butterfly-leafed Poison occurs on sandy clay over ironstone and laterite on flat plains.	No – not suitable habitat
<i>Lambertia echinata</i> subsp. <i>occidentalis</i>	Western Prickly Honeysuckle	The Western Prickly Honeysuckle prefers white sandy soils over laterite, orange/brown-red clay over ironstone on flats to foothills, winter-wet sites.	No – not suitable habitat
Endangered			
<i>Banksia nivea</i> subsp. <i>uliginosa</i>	Swamp Honeypot	The Swamp Honeypot occurs in sandy clay, gravel.	Highly Unlikely – not suitable habitat
<i>Boronia exilis</i>	Scott River Boronia	The Scott River Boronia grows in seasonally wet heath.	Highly Unlikely – not suitable habitat
<i>Caladenia excelsa</i>	Giant Spider-orchid	The Giant Spider-orchid Giant Spider-orchid grows on hilltops, slopes, swales and low plains in deep pale yellow, white or grey sandy soils (Brown <i>et al</i> , 2013), and is found among dense low shrubs in Banksia, Jarrah and Marri woodlands (Williams <i>et al.</i> , 2001).	Highly Unlikely – not suitable vegetation types not on site
<i>Caladenia hoffmanii</i>	Hoffman's Spider-orchid	Hoffman's Spider-orchid grows in clay, loam, laterite, granite on rocky outcrops and hillsides, ridges, swamps and gullies.	Highly Unlikely – not suitable habitat
<i>Darwinia ferricola</i>	Scott River Darwinia	The Scott River Darwinia prefers peaty sand over ironstone, around winter wet areas near the coast (Luu and English, 2004).	Highly Unlikely – not suitable habitat

Scientific Name	Common Name	Habitat*	Likelihood to occur on the site
<i>Drakaea micrantha</i>	Dwarf Hammer-orchid	Dwarf Hammer-orchid occurs in grey sands over dark, grey to blackish, sandy clay-loam substrates in winter wet depressions or swamps. Usually occurs on cleared fire breaks or open sandy patches in Banksia, Jarrah and Sheoak woodlands or forest and often found under Spearwood thickets.	Highly Unlikely – not suitable habitat
<i>Grevillea brachystylis</i> subsp. <i>australis</i>		<i>Grevillea brachystylis</i> subsp. <i>australis</i> grows in sand, sandy clay in swampy situations, stream banks.	Highly Unlikely – not suitable habitat
<i>Kennedia lateritia</i>	Augusta Kennedia	The Augusta Kennedia occurs on black humus-rich sand, often amongst granite outcrops.	Highly Unlikely – not suitable habitat
<i>Lambertia orbifolia</i> subsp. Scott River Plains (L.W. Sage 684)	Roundleaf Honeysuckle	<i>Lambertia orbifolia</i> subsp. Scott River Plains grows in yellow-brown sandy clay, grey sand, sandy gravel, laterite along riverbanks, sand dunes, plains and ridges, seasonally-inundated areas.	Highly Unlikely – not suitable habitat
<i>Reedia spathacea</i>	Reedia	Reedia occurs in peaty sand in swamps and on river edges.	Highly Unlikely – not suitable habitat
Vulnerable			
<i>Banksia squarrosa</i> subsp. <i>argillacea</i>	Whicher Range Dryandra	The Whicher Range Dryandra grows in white/grey sand, gravelly clay or loam on winter-wet flats, clay flats.	Highly Unlikely – not suitable habitat
Presumed Extinct			
<i>Leptomeria dielsiana</i>	Diels' Currant Bush	Diels' Currant Bush was recorded from scrubby heath in the Scott River area.	Highly Unlikely – not suitable habitat
Priority 1			
<i>Caladenia pholcoidea</i> subsp. <i>augustensis</i>	Augusta Spider Orchid	Augusta Spider Orchid grows in sandy clay on winter-wet flat in summer burnt areas.	Highly Unlikely – not suitable habitat
<i>Deyeuxia inaequalis</i>		<i>Deyeuxia inaequalis</i> grows in loam.	Highly Unlikely – not loam habitat
<i>Hemigenia obovata</i>		<i>Hemigenia obovata</i> occurs in white or black wet sand on flats.	Highly Unlikely – not suitable habitat

Scientific Name	Common Name	Habitat*	Likelihood to occur on the site
<i>Netrostylis</i> sp. Nannup (P.A. Jurjevich 1133)		<i>Netrostylis</i> sp. Nannup is recorded from a wetland (Western Australian Herbarium, 2007).	Highly Unlikely – not wetland habitat
<i>Philydrella pygmaea</i> subsp. <i>minima</i>		<i>Philydrella pygmaea</i> subsp. <i>minima</i> grows in damp sites.	Highly Unlikely – not damp habitat
<i>Schoenus indutus</i>		<i>Schoenus indutus</i> occurs in gravelly sand.	Highly Unlikely – not gravelly habitat
<i>Stylidium</i> sp. Scott River Plain (N.G. Marchant 74/23)		<i>Stylidium</i> sp. Scott River Plain occurs on the Scott River Plain.	Highly Unlikely – not river plain habitat
<i>Synaphea macrophylla</i>		<i>Synaphea macrophylla</i> occurs in gravelly loam.	Highly Unlikely – not gravelly habitat
<i>Synaphea nexosa</i>		<i>Synaphea nexosa</i> occurs in clay-loam on winter-wet flats.	Highly Unlikely – not winter-wet habitat
<i>Synaphea</i> sp. Redgate Road (J. Scott 16)		<i>Synaphea</i> sp. Redgate Road (J. Scott 16) occurs on grey clay, litter in winter-wet areas, wet areas along road verges and ditches.	Highly Unlikely – not suitable habitat
Priority 2			
<i>Caladenia ambusta</i>	Boranup Spider Orchid	Boranup Spider Orchid is recorded from a flat - gentle slope in brown soil (Western Australian Herbarium, 2002).	Highly Unlikely – not suitable soil type
<i>Conospermum quadripetalum</i>		<i>Conospermum quadripetalum</i> grows in sandy clay, grey sand on flats behind coastal hills.	Highly Unlikely – not suitable habitat
<i>Hemigenia</i> sp. Nillup (R.D. Royce 98)		<i>Hemigenia</i> sp. Nillup grows in grey sand or gravelly soil in swamps and on sandy slopes.	Highly Unlikely – not suitable habitat
<i>Hydrocotyle</i> sp. <i>Hamelinensis</i> (G.J. Keighery s.n. PERTH 02391325)		<i>Hydrocotyle</i> sp. <i>Hamelinensis</i> grows in grey sand on limestone ridges.	Highly Unlikely – not suitable habitat
<i>Leptomeria furtiva</i>		<i>Leptomeria furtiva</i> grows in grey or black peaty sand on winter-wet flats.	Highly Unlikely – not suitable habitat

Scientific Name	Common Name	Habitat*	Likelihood to occur on the site
<i>Lepyrodia extensa</i>		<i>Lepyrodia extensa</i> grows in sand and sandy peat in seasonally inundated swamps.	Highly Unlikely – not suitable habitat
<i>Schoenus loliaceus</i>		<i>Schoenus loliaceus</i> occurs on sandy soils in winter-wet depressions.	Highly Unlikely – not wet habitat
<i>Schoenus</i> sp. Grassy (E. Gude & J. Harvey 250)		<i>Schoenus</i> sp. Grassy grows in black silt on swamps.	Highly Unlikely – not suitable habitat
<i>Stenanthemum sublineare</i>		<i>Stenanthemum sublineare</i> grows in littered white sand on coastal plain (Rye, 2001).	Highly Unlikely – not suitable habitat
Priority 3			
<i>Acacia lateriticola</i> var. Glabrous variant (B.R.Maslin 6765)		<i>Acacia lateriticola</i> var. Glabrous variant (B.R.Maslin 6765) occurs in lateritic soils.	Highly Unlikely – not suitable habitat
<i>Actinotus repens</i>		<i>Actinotus repens</i> grows in sandy clay, mud on roadside ditches, creek banks.	Highly Unlikely – not suitable habitat
<i>Andersonia</i> sp. Amabile (N. Gibson & M. Lyons 355)		<i>Andersonia</i> sp. Amabile grows in grey or black peaty sand, loam on creek banks, swamp edges, seasonally wet flats.	Highly Unlikely – not suitable habitat
<i>Austrostipa mundula</i>		<i>Austrostipa mundula</i> occurs on plains in grey sand (Western Australian Herbarium, 2001).	Highly Unlikely – not suitable habitat
<i>Blennospora doliiformis</i>		<i>Blennospora doliiformis</i> grows in grey or red clay soils over ironstone on seasonally-wet flats.	Highly Unlikely – not suitable habitat
<i>Boronia anceps</i>		<i>Boronia anceps</i> grows in white sand, gravelly laterite on seasonally swampy heaths.	Highly Unlikely – not suitable habitat
<i>Caladenia abbreviata</i>	Coastal Spider Orchid	Coastal Spider Orchid grows in open sandy areas on coastal sand dunes under <i>Agonis</i> and <i>Melaleuca</i> species.	Possible – habitat may occur on the site
<i>Calothamnus lateralis</i> var. <i>crassus</i>		<i>Calothamnus lateralis</i> var. <i>crassus</i> grows in sand on wet depressions.	Highly Unlikely – not suitable habitat

Scientific Name	Common Name	Habitat*	Likelihood to occur on the site
<i>Chordifex gracilior</i>		<i>Chordifex gracilior</i> grows in peaty sand on swamps.	Highly Unlikely – not suitable habitat
<i>Chordifex jacksonii</i>		<i>Chordifex jacksonii</i> grows in sand, loamy sand on seasonally inundated swamps.	Highly Unlikely – not suitable habitat
<i>Cyathochaeta stipoides</i>		<i>Cyathochaeta stipoides</i> grows in grey or red-brown sand on seasonally wet flats.	Highly Unlikely – not suitable habitat
<i>Dampiera heteroptera</i>		<i>Dampiera heteroptera</i> grows in sandy soils on swampy areas.	Highly Unlikely – not suitable habitat
<i>Gastrolobium formosum</i>		<i>Gastrolobium formosum</i> grows in clay loam along river banks or in swamps.	Highly Unlikely – not suitable habitat
<i>Grevillea manglesioides</i> subsp. <i>ferricola</i>		<i>Grevillea manglesioides</i> subsp. <i>ferricola</i> grows in red sandy clay over ironstone on winter wet flats.	Highly Unlikely – not suitable habitat
<i>Grevillea papillosa</i>		<i>Grevillea papillosa</i> grows in brown or peaty sand, sandy clay, loam on seasonally-wet areas, swamps.	Highly Unlikely – not suitable habitat
<i>Isopogon formosus</i> subsp. <i>dasylepis</i>		<i>Isopogon formosus</i> subsp. <i>dasylepis</i> grows in sand, sandy clay, gravelly sandy soils over laterite, often swampy areas.	Highly Unlikely – not suitable habitat
<i>Juncus meianthus</i>		<i>Juncus meianthus</i> grows in black sand, sandy clay near creeks, seepage areas.	Highly Unlikely – not suitable habitat
<i>Leptinella drummondii</i>		<i>Leptinella drummondii</i> grows in clay loam, mud along rivers.	Highly Unlikely – not suitable habitat
<i>Lepyrodia heleocharoides</i>		<i>Lepyrodia heleocharoides</i> grows in moist peaty sand in dry or seasonally inundated heath or woodland, swamps.	Highly Unlikely – not suitable habitat
<i>Leucopogon alternifolius</i>		<i>Leucopogon alternifolius</i> grows in grey/white sand in swampy areas, seasonally wet areas.	Highly Unlikely – not suitable habitat
<i>Leucopogon wheelerae</i>		<i>Leucopogon wheelerae</i> occurs in swamps, in heath or occasionally open woodland (Hislop, 2008).	Highly Unlikely – not suitable habitat
<i>Loxocarya magna</i>		<i>Loxocarya magna</i> grows in sand, loam, clay, ironstone on seasonally inundated or damp habitats.	Highly Unlikely – not suitable habitat

Scientific Name	Common Name	Habitat*	Likelihood to occur on the site
<i>Netrostylis</i> sp. Blackwood River (A.R. Annels 3043)		<i>Netrostylis</i> sp. Blackwood River (A.R. Annels 3043) is recorded from a creek bed (Western Australian Herbarium, 2005).	Highly Unlikely – not suitable habitat
<i>Notisia intonsa</i>	Shaggy Gnepnosis	Shaggy Gnepnosis grows in red/brown clay, stony saline loam.	Highly Unlikely – not suitable habitat
<i>Pimelea ciliata</i> subsp. <i>longituba</i>		<i>Pimelea ciliata</i> subsp. <i>longituba</i> occurs in grey sand over clay, loam.	Highly Unlikely – not suitable habitat
<i>Pultenaea pinifolia</i>		<i>Pultenaea pinifolia</i> grows in loam or clay on floodplains, swampy areas.	Highly Unlikely – not suitable habitat
<i>Stylidium lowrieianum</i>	Lowrie's Triggerplant	Lowrie's Triggerplant grows in sand or sandy loam over limestone. Eucalypt or Agonis woodland, forest, scrub.	Possible – habitat may occur on the site
<i>Stylidium trudgenii</i>		<i>Stylidium trudgenii</i> grows in grey sand, dark grey to black sandy peat on the margins of winter-wet swamps, depressions.	Highly Unlikely – not suitable habitat
<i>Thysanotus cymosus</i>		<i>Thysanotus cymosus</i> occurs in clay, granitic or lateritic sand.	Highly Unlikely – not suitable habitat
Priority 4			
<i>Acacia semitrullata</i>		<i>Acacia semitrullata</i> grows in white/grey sand, sometimes over laterite, clay on sandplains, swampy areas.	Highly Unlikely – not suitable habitat
<i>Acacia tayloriana</i>		<i>Acacia tayloriana</i> grows in grey or yellow/orange sandy soils, lateritic gravel, clay loam in winter-wet areas.	Highly Unlikely – not suitable habitat
<i>Adenanthos detmoldii</i>		<i>Adenanthos detmoldii</i> grows in grey or black peaty sand, wet on swamps, roadsides.	Highly Unlikely – not suitable habitat
<i>Adenanthos x pamela</i>		<i>Adenanthos x pamela</i> grows in grey sand, laterite on damp flats, roadsides.	Highly Unlikely – not suitable habitat
<i>Aotus carinata</i>		<i>Aotus carinata</i> occurs in sandy soils on seasonally wet flats.	Highly Unlikely – not suitable habitat
<i>Astartea onycis</i>		<i>Astartea onycis</i> grows in pale grey sand or sandy clay over clay in seasonally wet sedgeland (Rye, 2013).	Highly Unlikely – not suitable habitat

Scientific Name	Common Name	Habitat*	Likelihood to occur on the site
<i>Banksia meisneri</i> subsp. <i>ascendens</i>		<i>Banksia meisneri</i> subsp. <i>ascendens</i> grows in white or grey sand on swampy flats.	Highly Unlikely – not suitable habitat
<i>Banksia sessilis</i> var. <i>cordata</i>		<i>Banksia sessilis</i> var. <i>cordata</i> grows in white/grey sand on coastal limestone.	Possible but no limestone present
<i>Caladenia interjacens</i>	Walpole Spider Orchid	Walpole Spider Orchid grows in sand on consolidated coastal dunes.	No – error in entry in ALA – occurs 100km away
<i>Eucalyptus calcicola</i> subsp. <i>calcicola</i>		<i>Eucalyptus calcicola</i> subsp. <i>calcicola</i> grows in red-brown sand over limestone on coastal dunes, calcareous ridges, rocky outcrops.	Unlikely – not typical habitat
<i>Eucalyptus marginata</i> x <i>megacarpa</i>		<i>Eucalyptus marginata</i> x <i>megacarpa</i> grows in sandy loam on interdunal areas.	Unlikely – may have habitat on the site
<i>Franklandia triaristata</i>	Lanoline Bush	Lanoline Bush grows in white or grey sand.	Unlikely – not recorded in area since 1945 and generally occurs further inland
<i>Gonocarpus pusillus</i>		<i>Gonocarpus pusillus</i> grows in grey sandy clay on winter-wet swamps.	Highly Unlikely – not suitable habitat
<i>Hypolaena robusta</i>		<i>Hypolaena robusta</i> grows in white sand on sandplains in poorly drained areas.	Highly Unlikely – not suitable habitat
<i>Melaleuca basicephala</i>		<i>Melaleuca basicephala</i> grows in black peaty sand, clay on winter-wet flats, swamps.	Highly Unlikely – not suitable habitat
<i>Pultenaea skinneri</i>	Skinner's Pea	Skinner's Pea occurs in sandy or clayey soils in winter-wet depressions.	Highly Unlikely – not suitable habitat
<i>Stylidium gloeophyllum</i>		<i>Stylidium gloeophyllum</i> grows in sandy clay loam, granite on winter wet depressions, or fringing outcrops with <i>Agonis</i> , mallee, or <i>Hakea</i> shrubland with sedges.	Highly Unlikely – not suitable habitat
<i>Stylidium ireneae</i>		<i>Stylidium ireneae</i> occurs in sandy loam in valleys near creek lines, woodland, often with <i>Agonis</i> .	Highly Unlikely – not suitable habitat

Scientific Name	Common Name	Habitat*	Likelihood to occur on the site
<i>Stylidium leeuwinense</i>		<i>Stylidium leeuwinense</i> grows in grey to black peaty sand on winter-wet habitats and depressions in shrubland, heath, sedgeland or low woodland.	Highly Unlikely – not suitable habitat
<i>Tripterococcus sp. Brachylobus</i> (A.S. George 14234)		<i>Tripterococcus</i> sp. <i>Brachylobus</i> occurs in grey, black or peaty sand winter-wet flats.	Highly Unlikely – not suitable habitat
<i>Verticordia lehmannii</i>		<i>Verticordia lehmannii</i> grows in sandy clay on winter-wet flats.	Highly Unlikely – not suitable habitat

* sourced from Florabase (DBCA, 2017) and SPRAT Database (DoEE, 2016) as well as the DBCA database searches unless otherwise denoted

Three Priority species were identified that possibly occur on the site being:

- *Caladenia abbreviata* (Coastal Spider Orchid) (P3);
- *Stylidium lowrieanum* (Lowrie's Triggerplant) (P3); and
- *Eucalyptus marginata x megacarpa* (P4).

Both Coastal Spider Orchid and Lowrie's Triggerplant flower in October. *Eucalyptus marginata x megacarpa* is identifiable all year round.

4.2 TEC and PEC Desktop Study

A search of DBCA's Threatened (TEC) and Priority Ecological Communities (PEC) database was conducted within a radius of 20km around the site (27_1021EC). Three TECs and four PECs at State level were identified in the database search. There are two TECs and one PEC listed as TECs under the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act). The communities identified in the database searches are outlined in Table 4.

None of the TECs or PECs are expected to occur on the site given the preferred habitat of the communities identified.

Table 4: Threatened and Priority Ecological Communities likely to occur within 5km of the Site

Ecological Community	Description	Conservation Status WA	Status under the EPBC Act
CAVES LEEUWIN01	Aquatic Root Mat Community Number 1 of Caves of the Leeuwin Naturaliste Ridge (Easter and Jewel Caves)	Critically Endangered	Endangered
SCOTT IRONSTONE	Scott River Ironstone Association	Endangered	Endangered
Augusta-microbial	Rimstone Pools and Cave Structures Formed by Microbial Activity on Marine Shorelines (Augusta microbialites)	Endangered	

Ecological Community	Description	Conservation Status WA	Status under the EPBC Act
Reedia swamps - Blackwood Plateau	<i>Reedia spathacea</i> - <i>Empodisma gracillimum</i> - <i>Sporadanthus rivularis</i> dominated floodplains and paluslopes of the Blackwood Plateau.	Priority 1	
Sedgeland of Cape Leeuwin Spring	Tall closed sedgeland on shallow soils derived from granite gneiss on the Leeuwin Naturaliste Ridge	Priority 1	
Melaleuca lanceolata forests	Melaleuca lanceolata forests, Leeuwin Naturaliste Ridge	Priority 2	
Coastal Saltmarsh	Subtropical and Temperate Coastal Saltmarsh	Priority 3	Vulnerable

4.3 Flora

A total of 42 plant species were recorded during the flora survey (Appendix 5). This total consisted of 36 native species and 6 introduced species (14%). The total number of native species is low for a 15.5ha area of native vegetation mostly in Excellent condition, however is indicative of the type of sand dune vegetation (mostly Peppermint woodland) which is typically species poor. The percentage of introduced species is low.

No Threatened species were recorded on the site.

One Priority 4 species, *Banksia sessilis* var. *cordata*, was recorded on the site. The plants were up to 5m high and scattered in an area mixed with *Agonis flexuosa* small trees (Plate 4; Figure 3).

Plate 4: *Banksia sessilis* var. *cordata* on the site



Plant families with the greatest number of species were the Asteraceae (Daisy family – 6 species, 4 native and 2 introduced) and Cyperaceae (Sedge family – 4 species, all native).

The total number of species recorded in the six quadrats sampled ranged from 8 to 22, averaging 14 (Appendix 6). The percentage of introduced species in the quadrats ranged from 0-12%. The number of species in the quadrats is low but was considered average for the dune vegetation types which have a moderately dense tree canopy cover.

4.4 Vegetation Complex

Vegetation complexes/associations are a broad level of vegetation description which is based on the underlying geomorphology and rainfall (Heddl *et al.*, 1980). Two vegetation associations are mapped on the site as follows:

- Beard Association Boranup 1108 Thicket of wattle, casuarina and teatree acacia-allocauarina-melaleuca alliance; and
- Beard Association Boranup 1109 Scrub, open scrub or sparse scrub of wattle, teatree and other species *Acacia* spp. *Melaleuca* spp. (Beard *et al.*, 2013)

The Peppermint-dominated vegetation on the site does not closely match either of the Beard Associations.

4.5 Vegetation



4.5.1 Vegetation Type



Vegetation complexes are a very broad mapping unit used to map the vegetation at the scale of the Swan Coastal Plain for example. For small scale sites, such as the survey area, vegetation mapping can be further refined by using vegetation types which are based on the composition and structure of the dominant species rather than based on geomorphology.

Four native vegetation types were described and mapped on the site. The vegetation types are similar to each other but differ slightly in the understorey structure and composition.

The vegetation types are described in Table 5 and mapped in Figure 3.

Table 5: Vegetation Types on the Site

Vegetation Type	Description	Photograph
<p>AfSg¹ <i>Agonis flexuosa</i> Low Open Woodland over <i>Spyridium globulosum</i> Shrubland over <i>Acrotriche cordata</i> Open Low Heath</p>	<p>Occurs at the eastern end of the survey area and contains fewer trees than the AfSg² vegetation type. <i>Agonis flexuosa</i> trees are small (2-4m) and sparse (<2% cover) over <i>Spyridium globulosum</i> to 1-2m high and 10-20% cover. Other common species include <i>Acrotriche cordata</i>, <i>Acacia littorea</i>, <i>Ficinia nodosa</i>, <i>Pimelea ferruginea</i>, <i>Leucopogon parviflorus</i>, <i>Comesperma confertum</i> and several ephemeral herb species.</p> <p>The soils are cream sand.</p> <p>Quadrats B1 and 3 are representative of this vegetation type.</p>	
<p>AfSg² <i>Agonis flexuosa</i> Low Open Woodland over <i>Spyridium globulosum</i> Shrubland over <i>Acrotriche cordata</i>/ <i>Leucopogon parviflorus</i> Open Low Heath</p>	<p>This is the main vegetation type on the site. <i>Agonis flexuosa</i> is 5-10m high and 10-20% cover over <i>Spyridium globulosum</i> 2-4m high and 10-25% cover. The understorey is sparse and contains abundant moss on the ground. Typical understorey species include <i>Leucopogon parviflorus</i>, <i>Acrotriche cordata</i>, <i>Lepidosperma gladiatum</i> and the creeper <i>Cassytha racemosa</i>.</p> <p>The soils are cream sand.</p> <p>Quadrats B2, 5 and 7 are representative of this vegetation type.</p>	

Vegetation Type	Description	Photograph
<p>BsAf <i>Banksia sessilis</i> var. <i>cordata</i>/<i>Agonis flexuosa</i> Low Open Woodland over <i>Spyridium globulosum</i>/<i>Acacia littorea</i> Shrubland over <i>Acrotriche cordata</i>/<i>Leucopogon parviflorus</i> Open Low Heath</p>	<p>One small stand of this vegetation type occurred in the central part of the site. <i>Banksia sessilis</i> var. <i>cordata</i> was emergent to 5m high over <i>Agonis flexuosa</i> 1.5-2m high. Otherwise similar species composition to AfSg²</p> <p>The soils are dark orange-brown sand.</p> <p>Quadrat B4 is representative of this vegetation type.</p>	
<p>AfHcSg <i>Agonis flexuosa</i>/<i>Hibbertia cuneiformis</i>/<i>Spyridium globulosum</i> Tall Shrubland over <i>Acrotriche cordata</i>/<i>Leucopogon parviflorus</i> Open Low Heath</p>	<p>This vegetation type occurred on the highest part of the site in the south-west corner. <i>Hibbertia cuneiformis</i> and <i>Spyridium globulosum</i> were the main tall shrub species present 1.8-2.5m high with <i>Agonis flexuosa</i> less common. Other common species included <i>Leucopogon parviflorus</i>, <i>Acrotriche cordata</i> and <i>Lepidosperma gladiatum</i>.</p> <p>The soils are cream sand.</p> <p>Quadrat B6 is representative of this vegetation type.</p>	

4.5.2 Vegetation Condition

The condition of the vegetation was assessed according to the system of Keighery as described in Bush Forever (Government of Western Australia, 2000) (Table 6).

Table 6: Vegetation Condition Rating Scale

Condition	Description
Pristine	Pristine or nearly so, no obvious signs of disturbance.
Excellent	Vegetation structure intact, disturbance affecting individual species and weeds are non-aggressive species.
Very Good	Vegetation structure altered, obvious signs of disturbance. For example, disturbance to vegetation structure caused by repeated fires, the presence of some more aggressive weeds, dieback, logging and grazing.
Good	Vegetation structure significantly altered by very obvious signs of multiple disturbance. Retains basic vegetation structure or ability to regenerate to it. For example, disturbance to vegetation structure caused by very frequent fires, the presence of some very aggressive weeds at high density, partial clearing, dieback and grazing.
Degraded	Basic vegetation structure severely impacted by disturbance. Scope for regeneration but not to a state approaching good condition without intensive management. For example, disturbance to vegetation structure caused by very frequent fires, the presence of very aggressive weeds, partial clearing, dieback and grazing.
Completely Degraded	The structure of the vegetation is no longer intact and the area is completely or almost completely without native species. These are often described as 'parkland cleared' with the flora comprising weed or crop species with isolated native trees or shrubs.

The condition of the native vegetation was all rated as Excellent with very few weed species present (Figure 3).

4.6 Conservation Significance of Flora and Vegetation

4.6.1 Flora

One Priority 4 species, *Banksia sessilis* var. *cordata*, was recorded on the site. The number of plants was not counted but would be in excess of 50. *Banksia sessilis* var. *cordata* occurs on white/grey sand and coastal limestone along the coast from Cape Naturaliste to just west of Albany.

Priority 4 species are those that are rare or near threatened but have been adequately surveyed and not currently threatened or in need of special protection. Priority species are not protected under State or Commonwealth environmental legislation in the way that Threatened species are.

4.6.2 Vegetation

4.6.2.1 Vegetation Complex

Two vegetation associations are mapped on the site as follows:

- Beard Association Boranup 1108 Thicket of wattle, casuarina and teatree acacia-allocauarina-melaleuca alliance; and
- Beard Association Boranup 1109 Scrub, open scrub or sparse scrub of wattle, teatree and other species *Acacia* spp. *Melaleuca* spp. (Beard *et al.*, 2013)

The extent of each vegetation association remaining is shown in Table 7 (Government of Western Australia, 2014). Both vegetation associations have a high percentage of the original extent remaining and a high percentage protected in the conservation estate. Both Association 1108 and 1109 occur extensively in the nearby Leeuwin-Naturaliste National Park (National Map, 2022).

The percentage remaining and in the conservation estate is above the 30% target set by the EPA for vegetation complexes in Western Australia. Therefore, the vegetation on the site is not considered to be a regionally significant remnant of either vegetation association.

Table 7: Vegetation Association Statistics

Vegetation Association	Pre-European Extent (ha)	Current Extent (ha)	% Remaining	Current Extent Protected for Conservation (ha)	% Current Extent Protected for Conservation
1108	8247.847	7666.396	92.95	5717.032	69.3
1109	29988.44	29143.46	97.18	24175.23	80.6

4.6.2.2 Threatened and Priority Ecological Communities

None of the Threatened or Priority Ecological Communities listed in the database searches occur on the site.

5 SUMMARY AND CONCLUSIONS

The 2021 Detailed Flora and Vegetation Survey of a 15.5ha portion of M70/1342 in Boranup resulted in the following findings:

- Native vegetation occurs over the whole 15.5ha survey area. A lot of the vegetation is regrowth from a time when it was a bare, sand sheet in the 1970s;
- Four vegetation types were described and mapped on the site. The vegetation types were all similar, with *Agonis flexuosa* (WA Peppermint) the dominant tree and tall shrub species over a slightly varying understorey;
- The vegetation was all rated in Excellent condition;
- A total of 42 plant species were recorded in the survey area, consisting of 36 native species and 6 introduced species. The low number of introduced species reflects the Excellent condition of the vegetation;
- No Threatened flora species were recorded during the survey or are expected to occur at any other time of the year;
- One Priority 4 species, *Banksia sessilis* var. *cordata*, was recorded in the centre of the site. Approximately 50 plants were recorded in an area of around 0.3ha;
- No Threatened or Priority Ecological Communities were recorded on the site;
- The Vegetation Associations occurring on the site (1108 and 1109) both have more than 90% of their original extent remaining and 69% and 80% retained in the conservation estate, including the nearby Leeuwin-Naturaliste National Park. The vegetation on the site therefore is not a significant remnant of these vegetation associations.

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FIGURES



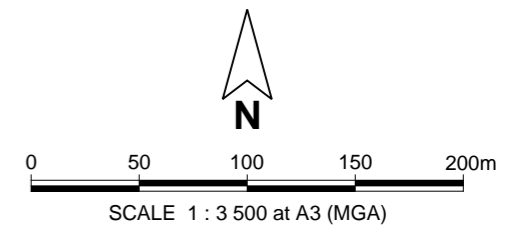
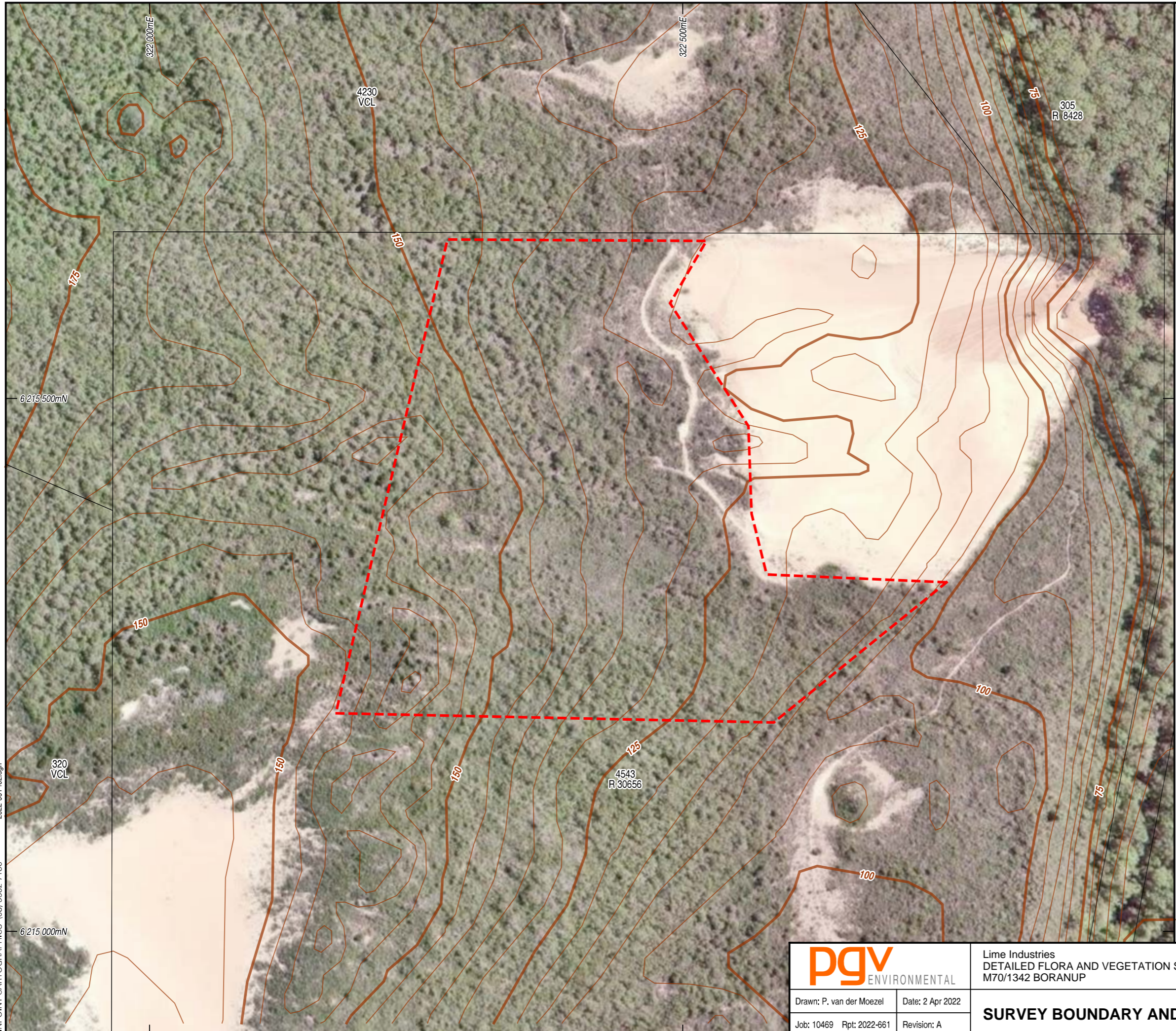
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Job: 10469 Rpt: 2022-661	Revision: A

Lime Industries
 DETAILED FLORA AND VEGETATION SURVEY
 M70/1342 BORANUP

SITE LOCATION

Figure 1



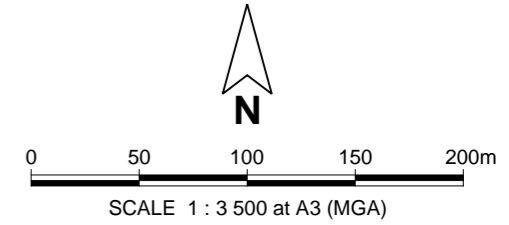
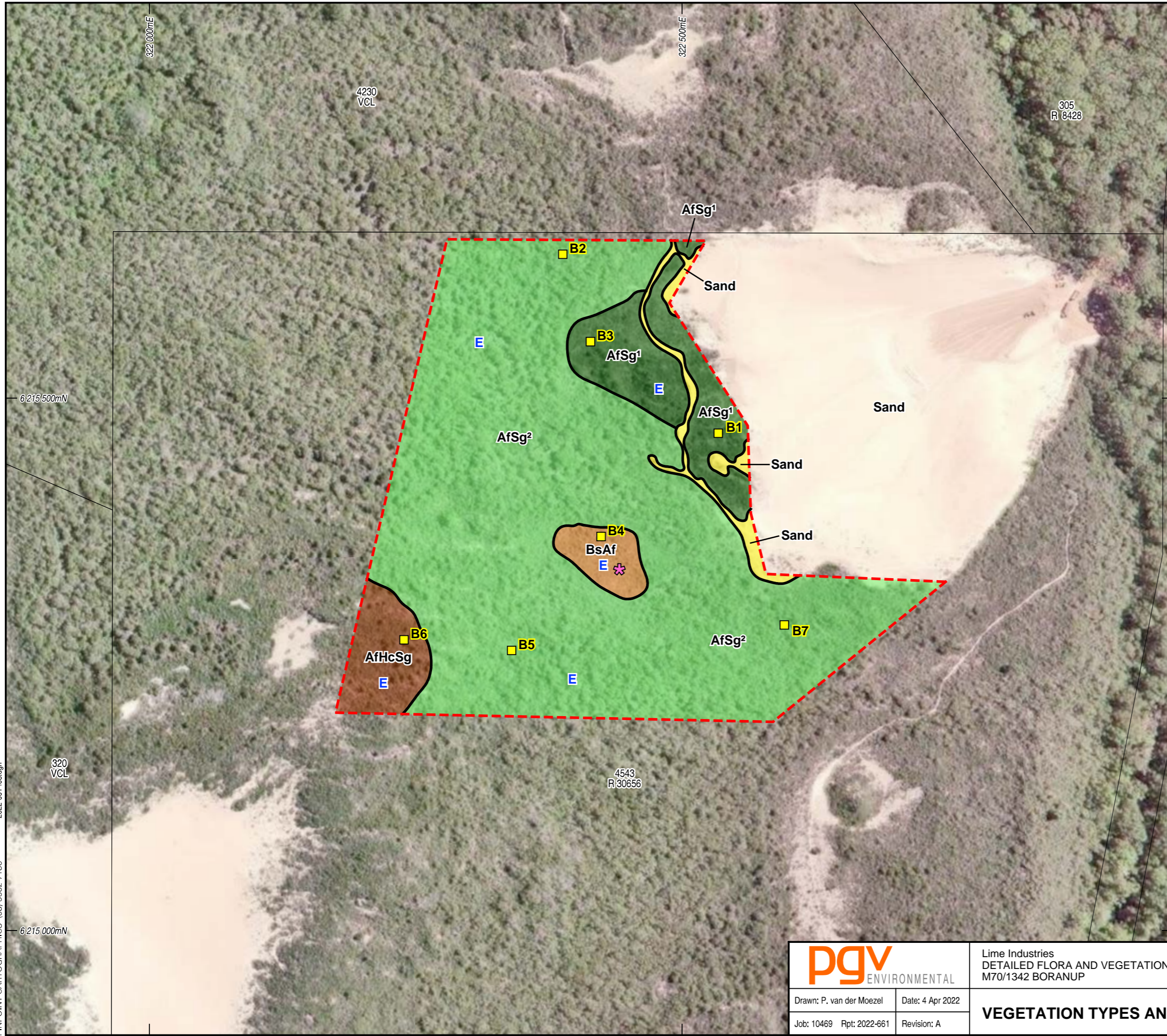
- Legend**
- - - Site Boundary
 - Cadastral Boundary
 - Topographic Contour

CADASTRAL SOURCE: Landgate, April 2022.
 AERIAL PHOTOGRAPH SOURCE: ESRI, flown March 2021.
 CONTOUR SOURCE: Landgate 1:50 000 Topographic Mapping.

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		Lime Industries DETAILED FLORA AND VEGETATION SURVEY M70/1342 BORANUP	
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Job: 10469 Rpt: 2022-661	Revision: A		

Figure 2



- Legend**
- - - Site Boundary
 - Cadastral Boundary
 - Quadrat Location
 - Vegetation Type Boundary
 - Em** Vegetation Type
 - E** Vegetation Condition
 - ✱ *Banksia sessilis* var. *cordata* P4 population

- Vegetation Types**
- AfSg¹**
Agonis flexuosa Low Open Woodland over Spyridium globulosum Shrubland over Acrotriche cordata Open Low Heath
 - AfSg²**
Agonis flexuosa Low Open Woodland over Spyridium globulosum Shrubland over Acrotriche cordata/Leucopogon parviflorus Open Low Heath
 - BsAf**
Banksia sessilis var. *cordata*/Agonis flexuosa Low Open Woodland over Spyridium globulosum/Acacia littorea Shrubland over Acrotriche cordata/Leucopogon parviflorus Open Low Heath
 - AfHcSg**
Agonis flexuosa/Hibbertia cuneiformis/Spyridium globulosum Tall Shrubland over Acrotriche cordata/Leucopogon parviflorus Open Low Heath
 - Sand**

- Vegetation Condition**
(SOURCE: Bush Forever, Govt. of W.A., 2000)
- P - Pristine**
Pristine or nearly so, no obvious signs of disturbance.
 - Ex - Excellent**
Vegetation structure intact, disturbance affecting individual species and weeds are non aggressive species.
 - VG - Very Good**
Vegetation structure altered, obvious signs of disturbance. For example, disturbance to vegetation structure caused by repeated fires, the presence of some more aggressive weeds, dieback, logging and grazing.
 - G - Good**
Vegetation structure significantly altered by very obvious signs of multiple disturbance. Retains basic vegetation structure or ability to regenerate it. For example, disturbance to vegetation structure caused by very frequent fires, the presence of some very aggressive weeds at high density, partial clearing, dieback and grazing.
 - D - Degraded**
Basic vegetation structure severely impacted by disturbance. Scope for regeneration but not to a state approaching good condition without intensive management. For example, disturbance to vegetation structure caused by very frequent fires, the presence of very aggressive weeds, partial clearing, dieback and grazing.
 - CD - Completely Degraded**
The structure of the vegetation is no longer intact and the areas is completely or almost completely without native species. These areas are often described as 'parkland cleared' with the flora composing weed or crop species with isolated native trees or shrubs.
 - CI - Cleared**
No native vegetation remaining.

CADASTRAL SOURCE: Landgate, April 2022.
AERIAL PHOTOGRAPH SOURCE: ESRI, flown March 2021.

pgv ENVIRONMENTAL

Drawn: P. van der Moezel Date: 4 Apr 2022

Job: 10469 Rpt: 2022-661 Revision: A

Lime Industries
DETAILED FLORA AND VEGETATION SURVEY
M70/1342 BORANUP

VEGETATION TYPES AND CONDITION

Figure 3

PINPOINT CARTOGRAPHICS (08) 9562 7136

2022-661-103.dgn

APPENDIX 1
DBCA Flora Database Searches

FID	PopId	NameId	Taxon	Cons stat us	WA Ran k	Pop num ber	Su bp op Co de	Pos tatu s	District	Vesting	Purpos e1	Purpos e2	CountDate	Method	Mat Coun t	JuvC ount	Seed ICou nt	Live Tota l	Cou ntTy pe	Area Occu py	InFlo wer	HabNotes	SoilCond it	Landform	RockType	Gravel	SoilType	SoilColor	Drainage
11072	103128	14911	Grevillea papillosa	3		10	B		BLACKWOOD	PRI	VER		3/10/2001 0:00	ESTMT	20		20			Y	Shrubland. Plain-wetland.	MOIST	OD_SWA MP			LOAM_SN D	BROWN		
11073	92861	14911	Grevillea papillosa	3		11			BLACKWOOD	LGA	VER		19/09/1995 0:00		0		0			Y	Shrubland. Grey peaty sand, swamp.		OD_SWA MP			PEAT	GREY		
11074	92862	14911	Grevillea papillosa	3		12			BLACKWOOD	CC	NPK		17/09/1990 0:00		0		0			Y	Red sandy clay flat. Wet heath-sedgeland.		FLAT			CLAY_SND	RED	PERMINU N	
11086	92871	14911	Grevillea papillosa	3		22			BLACKWOOD	CC	NPK		20/09/1990 0:00		0		0			N	Jarra, Marri.		FLAT			CLAY_SND			
11679	96846	38322	Hemiandra sp. Windy Harbour (B.J. Conn & J.A. Scott BJC 3344)	3		4			BLACKWOOD	CRW	GE		13/11/1999 0:00	ESTMT	100		100			N	Low heath, Jarrah/Marri Forest.		SLOPE	GRANITE	GRVL_30	SAND	YEL_BRW N		
11945	87463	5222	Hybanthus volubilis	2		2			BLACKWOOD	CC	NPK		17/09/1990 0:00		0		0			N	Jarra/Marri Brown-black sandy clay at roadside to flat topography.		SLOPE			SAND			
12108	93353	16522	Isopogon formosus subsp. dasylepis	3		3			BLACKWOOD	LGA	VER		29/10/1985 0:00		0		0			N	Shrubland rising to woodland.					SND_CLAY	BLACK		
12324	92515	14631	Juncus meianthus	3		14			BLACKWOOD	CC	NPK		2/12/1992 0:00		0		0			N	Astartea fascicularis, Bossiaea rufa.		OPEN_DP N						
12365	96490	33518	Kennedia lateritia	T	EN	1			BLACKWOOD	LGA	PAR		23/03/2017 0:00	ACT_CLM P	0		15		CLU MPS		Invasive weeds increasing, though plants are healthy	MOIST	HILL	GRANITE		LOAM	BROWN	WLL_DRN D	
12366	105126	33518	Kennedia lateritia	T	EN	2	A		BLACKWOOD	PRI			28/08/2001 0:00	ESTMT	3		3			N	highly degraded; buffalo grass, arum lily, bridal creeper.					SAND			
12367	105127	33518	Kennedia lateritia	T	EN	2	B		BLACKWOOD	PRI			31/10/2006 0:00	ACT_IND	2		0		10	Y	Very disturbed due to vegetation clearing and cultivated garden beds	MOIST	FLAT	LIMESTN		SND_LOA M	BROWN		
12486	111329	19186	Lambertia orbifolia subsp. Scott River Plains (L.W. Sage 684)	T	EN	6	T		BLACKWOOD	PRI			5/04/2011 0:00	ACT_IND	73	6	0		PLA NTS	####	Y	Area cleared for mining and is now slowly rehabilitating with native species	DRY	FLAT		SAND	GREY	WLL_DRN D	
13070	86003	2343	Leptomeria dielsiana	X	EX	1			BLACKWOOD	UNKNOW N	UNKN OWN		7/05/1957 0:00		0		0			Y	heath/scrub								
13072	94138	17702	Leptomeria furtiva	2		2			BLACKWOOD	CC	NPK	REC	21/01/1996 0:00		0		0			Y	Growing within shelter of other vegetation in a winter wet swamp, in grey sand. With tall sedges. Uncommon		OD_SWA MP			SAND	GREY	SEASINUN	
13109	84548	1086	Lepyrodia heleocharoides	3		1			BLACKWOOD	LGA	VER		27/10/1988 0:00		0		0			N	On peaty sand in moist, open sedge-heath, on bare patches. With other Restionaceae and sedges.	MOIST	FL_PLAIN			PEAT			
13112	84551	1086	Lepyrodia heleocharoides	3		4			BLACKWOOD	LGA	VER		7/10/1991 0:00		0		0			N	Found in grey sand on a gentle slope, in woodland/shrubland/sedgel and of the above associated species.		SLOPE			SAND	GREY		
13116	88567	6355	Leucopogon alternifolius	3		1			BLACKWOOD	LGA	VER		7/10/1991 0:00		0		0			N		DRY	SLOPE			SAND	GREY		
13406	91395	13779	Loxocarya magna	3		2			BLACKWOOD	CC	NPK	WAT	19/11/1991 0:00	ESTMT	30		30			N		MOIST	SLOPE	LATERITE		SND_LOA M	RED		
13408	91397	13779	Loxocarya magna	3		4			BLACKWOOD	CC	NPK	OTH	10/09/1990 0:00		0		0			Y		MOIST	FLAT	LATERITE		LOAM			
13410	91399	13779	Loxocarya magna	3		6			BLACKWOOD	CC	NPK	WAT	11/09/1990 0:00		0		0			N			IRONSTN		SAND				
14601	89806	11860	Philydrella pygmaea subsp. minima	1		1			BLACKWOOD	CC	NPK		8/12/1974 0:00		0		0			N	In damp Hollows								
15201	84472	958	Reedia spathacea	T	EN	1			BLACKWOOD	LGA	CAM	PUT	14/02/1971 0:00		0		0			N	Moist, dark grey loam soil.	MOIST				LOAM	GREY		
15222	84481	958	Reedia spathacea	T	EN	19			BLACKWOOD	PRI			22/05/2003 0:00	ESTMT	350	200	550			N	Cyathochaeta teretifolia, Empodisma gracillimum, Xyris gracillima, Gymnoschoenus anceps	INUNDA TE	OD_DRGL N	GRANITE		SAND	GREY		
15230	84491	958	Reedia spathacea	T	EN	30			BLACKWOOD	PRI			12/10/2005 0:00	ESTMT	277	5	282			Y		INUNDA TE	OD_DRGL N	LATERITE		SAND	BROWN		

FID	Sheet	NameID	Taxon	Cons_Cod e	Plant_Desc	Site	Vegetation	Frequency	Notes	Geo_Met hod	Precision	Date
2439	4678249	3386	Acacia inops	3	Shrub 40 cm.		Very open woodland of Eucalyptus calophylla and E. marginata over a dense understorey dominated by Xanthorrhoea preissii. Associated species: Anarthria prolifera, Podocarpus drouynianus, Persoonia longifolia, Platysace tenuissima, Leucopogon australis, L			MAN	0	11/12/1996
2440	4557832	3386	Acacia inops	3		Swamp.	Agonis linearifolia, Lepidosperma, dense swampy vegetation.			MAN	0	4/09/1990
2448	4293924	3386	Acacia inops	3	Straggly, cream flowers, ht 40cms.	Valley floor, humic sand.	Homalospermum firmum, Agonis linearifolia, Lepidosperma tetraquetrum, Eucalyptus patens, Mesomelaena stygia			TOPO	0	23/09/1992
2743	1853252	14930	Acacia lateritica var. Glabrous variant (B.R. Maslin 6765)	3	Small shrub 500 mm, flowers yellow.	Flat, sand.	Jarrah - Marri riverside.		Abundance: common	AUTO	4	21/09/1990
3887	4835794	3537	Acacia semitrullata	4	Perennial, erect, open shrub 60 cm high, single stem at ground level. Flowers cream. Plant active, healthy.	Site: Upland. Soil Surface: Littered. Soil Colour: Grey Soil Texture: Coarse Sand Comments: None pH: 5.50 Very Slightly Rocky 2% Exposed Iron Enriched Laterite Fire History: 1990-91 Season: Unknown Type: Unknown	High open woodland.		Abundance: frequent. Ca 80% of population flowering.	GPS	1	21/08/1997
4400	311545	3571	Acacia tayloriana	4	Prostrate, stems 9 - 12 inches. Flowers cream.	Gravelly soil.				MAN	3	15/01/1945
4868	4589823	44007	Actinotus repens	3	Prostrate herb, white flower.	Valley floor.	Agonis linearifolia, Homalospermum firmum, Lepidosperma tetraquetrum, Gymnoschoenus anceps, Dampiera hederacea, Acacia diversifolia.			MAN	0	10/02/1993
4871	4589815	44007	Actinotus repens	3	Prostrate herb, white flower.	Valley floor.	Agonis linearifolia, A. parviceps, Homalospermum firmum, Eucalyptus patens, Dampiera hederacea.			MAN	0	10/02/1993
4872	4589807	44007	Actinotus repens	3	Prostrate herb, white flower.	Valley floor.	Agonis linearifolia, Homalospermum firmum, Velleia trinervis.			MAN	0	10/02/1993
4874	4298780	44007	Actinotus repens	3	Prostrate herb, white flower.	Valley floor.	Agonis linearifolia, A. parviceps, Homalospermum firmum, Astartea fascicularis, Gahnia trifida.			TOPO	0	10/02/1993
4880	5466563	44007	Actinotus repens	3	Prostrate herb.	Valley floor.	Agonis linearifolia, Homalospermum firmum, Astartea fascicularis, Pimelia hispida, Gymnoschoenus anceps, Velleia trinervis.			MAN	0	17/11/1992
4888	4295048	44007	Actinotus repens	3		Valley floor.	Agonis linearifolia, A. parviceps, Homalospermum firmum, Eucalyptus patens, Dampiera hederacea, Stylidium scandens			TOPO	0	12/11/1992
4970	5753023	1776	Adenanthos detmoldii	4	Upright shrub 1.3 m tall, flowers yellow.	Flat white sand.	Shrubland.		frequent.	MAN	0	10/06/1987
4972	8287775	1776	Adenanthos detmoldii	4	Shrub.	Near roadside. Coarse damp grey sand.	Near roadside in heath vegetation, with Casuarinaceae, Xyris, sedges.	locally occasional.		UNK	2	27/09/1992
4973	1098993	1776	Adenanthos detmoldii	4	Shrub 5 ft high. Flowers yellow and orange.	Sand.				MAN	4	19/06/1971
4977	3487008	1776	Adenanthos detmoldii	4		Road verge remnant.				MAN	3	9/11/1993
4981	2002477	1776	Adenanthos detmoldii	4		Plains.				AUTO	4	24/10/1948
4983	1099043	1776	Adenanthos detmoldii	4	Spike like shrub 2 m. Flowers yellow-orange.	Growing in wet sand.				MAN	4	15/09/1982

FID	Sheet	NameID	Taxon	Cons_Cod e	Plant_Desc	Site	Vegetation	Frequency	Notes	Geo_Met hod	Precision	Date
4986	1099000	1776	Adenanthos detmoldii	4	Erect shrub to 5 ft. Flowers yellow-green.	Sand, winter wet.				MAN	4	7/01/1967
4991	1099027	1776	Adenanthos detmoldii	4	Small shrub, 3 ft tall. Flowers orange-yellow.					MAN	3	8/09/1972
4992	1099507	1776	Adenanthos detmoldii	4	Shrub ca 1 m. Perianth pale yellow with orange-yellow lower lip.	Freshwater marsh.				MAN	3	16/11/1982
4994	1098969	1776	Adenanthos detmoldii	4						MAN	4	26/06/1950
4999	4396634	1776	Adenanthos detmoldii	4	Erect open shrub 2 m x 1.5 m, flowers orange.	Grey sand, road verge.	Shrubland.		Abundance: frequent.	GPS	1	19/09/1995
5002	7002289	1776	Adenanthos detmoldii	4	Virgate shrub to 1.5 m; corolla yellow, fading to dark red; pollen presenter dark red.	On sand by ditch at roadside.				UNK	2	24/09/2004
5006	6031625	1776	Adenanthos detmoldii	4	Erect, compact, perennial shrub 1.5 m high x 90 cm wide. Flowers yellow. Fruit absent.	Watercourse - wetland. W aspect. Soggy.	Shrubland. Nuytsia floribunda, Meeboldina spp., Agonis parviceps, Adenanthos detmoldii.	locally abundant.	90% of population flowering. Weeds abundant.	GPS	1	3/10/2001
5007	7892586	1776	Adenanthos detmoldii	4	Sprawling shrub to 1.6 m high x 3 m diam. Tepals creamy-villous, the free limbs bright yellow; pollen-presenter dark reddish.	Swamy roadside on loamy soil.	Swamp-heath with Gastrolobium formosum, Grevillea diversifolia.	frequent but localised.		GPS	1	5/08/2007
5008	1099035	1776	Adenanthos detmoldii	4						MAN	3	24/04/1977
5009	4150910	1776	Adenanthos detmoldii	4	2 m high, with yellow and orange flowers.	Sandy loam swamp.	In association with Grevillea sp. and Melaleuca sp.			AUTO	3	20/04/1981
5012	4151089	1776	Adenanthos detmoldii	4	Erect, diffuse shrub to 4 m, with yellow flowers, having a bright orange throat.	Swamp sandy flats, waterlogged in winter.	In association with Grevillea sp., Dryandra sp., grasses and sedges.			MAN	3	20/12/1984
5246	1719815	13116	Adenanthos x pamela	4	Spreading erect shrub, 75 cm in height, flowers dull orange.	Edges road verge, grey sand over wet sandy clay.	Adenanthos detmoldii swamp.		Abundance: 1 plant.	AUTO	3	29/05/1983
5259	4151097	13116	Adenanthos x pamela	4	Diffuse shrub to 4 m, with pale red orange flowers.	Damp sandy flats, waterlogged in winter.	In association with Grevillea spp., Dryandra spp., grasses and sedges.			MAN	3	20/12/1984
6383	3052915	41730	Andersonia sp. Amabile (N. Gibson & M. Lyons 355)	3	small perennial shrub, 150mm high, flowers	very shallow loam over laterite, flat	Paperbark flat			MAN	0	10/12/1990
7078	5468949	3685	Aotus carinata	4						MAN	0	7/10/1991
7083	676357	3685	Aotus carinata	4						MAN	3	22/09/1976
7085	676322	3685	Aotus carinata	4	Broome-like shrub 1.2 m. Flowers yellow and red. Leaves lanceolate, grey tomentose, close to stems.	Sand-wet.				MAN	3	15/09/1982
7086	676373	3685	Aotus carinata	4						MAN	3	24/04/1977
7088	676330	3685	Aotus carinata	4	Compact shrub, 1.5 ft tall. Flowers bright yellow and purple.					MAN	3	8/09/1971
7089	1823108	3685	Aotus carinata	4	Erect emergent shrub 700 mm high, flowers yellow, red centre.	Flat, sandy clay.	Wet heath.		Abundance: uncommon.	AUTO	4	17/09/1990
7090	676802	3685	Aotus carinata	4	Erect shrub, flowers yellow, eye red/purple.	grey swampy sand	sedge scrub Adenanthos/Calothamus	common.		MAN	3	4/11/1978

FID	Sheet	NameID	Taxon	Cons_Cod e	Plant_Desc	Site	Vegetation	Frequency	Notes	Geo_Met hod	Precision	Date
7093	5804205	3685	<i>Aotus carinata</i>	4	Shrub to 40 cm. Soft bluish-grey foliage. Yellow flower, red keel.	Flat plain. At roadside in wet sand. Black sand below white.	Very open heath with sedges.	occasional.		MAN	3	9/11/1985
7095	6051561	3685	<i>Aotus carinata</i>	4	Erect, open perennial shrub 1.1 m high x 30 cm wide. Flowers yellow-brown.	Watercourse - wetland. Soggy. W aspect.	Shrubland. <i>Nuytsia floribunda</i> , <i>Meeboldina</i> spp., <i>Agonis parviceps</i> , <i>Adenanthos detmoldii</i> .	locally frequent.	90% of population flowering. Weeds abundant.	GPS	1	3/10/2001
7096	7643411	3685	<i>Aotus carinata</i>	4	Perennial shrub 0.5 m high x 0.3 m wide. Yellow / red flowers.	Recontoured landform - paluslope, revegetated minesite. Grey wet soil.	Within BHP Beenup revegetation.	50+ plants.		GPS	1	10/01/2007
7097	676306	3685	<i>Aotus carinata</i>	4		Grey sand. Flat topography.	Low shrubland.			MAN	3	29/10/1985
7425	1898116	42792	<i>Astartea onycis</i>	4	Branches more or less prostrate. Petals white or pale pink.	Swampy heath with patches of bare, pale grey sand.	Swampy heath.			MAN	0	17/12/1982
7428	5795087	42792	<i>Astartea onycis</i>	4	Slender, spindly shrub, 1 m high x 60 cm wide. Pinkish white flowers. Plant varies from low and tangled to erect and slender.	Flat, winter wet swamp. Light litter on surface of grey clay over sediments.	Low Woodland B with <i>Melaleuca preissiana</i> , <i>Agonis parviceps</i> and <i>Eutaxia virgata</i> , Velvet Rush.	frequent.		MAN	2	26/01/2001
7433	5577594	42792	<i>Astartea onycis</i>	4	Slender, spreading shrub 60 cm high x 1 m wide. Pinkish white flowers.	Flat, winter wet swampland. Bare grey-yellow sandy clay. Underlying geology sedimentary.	Low Forest A. <i>Melaleuca preissiana</i> , <i>Agonis parviceps</i> , <i>Agonis linearifolia</i> , <i>Callystachys lanceolata</i> , <i>Hakea linearis</i> .	abundant in small area.		MAN	0	1/01/2000
7437	3055639	42792	<i>Astartea onycis</i>	4	Medium shrub, 1.5 m high, flowers white.	Sandy depression.	<i>Leptocarpus</i> swamp under greater inundation of wet heath where <i>A. fascicularis</i> occurs.		same as priority listed collection backshall 88233?	MAN	0	2/01/1991
7867	567116	35317	<i>Austrostipa mundula</i>	3	Perennial caespitose herb; rhizomatous. Inflorescence to 30 cm high. Flowers purplish.	Growing in high fixed coastal dunes, in grey sand with coarse humus rich sand undersurface.	With <i>Agonis</i> coastal heath.	common in open areas.	in open areas.	MAN	3	2/10/1982
9518	1882597	17107	<i>Banksia meisneri</i> subsp. <i>ascendens</i>	4	Low compact shrub 500 mm high, flowers yellow.	Flat, sand.	Heath - sedgeland.		Abundance: uncommon	AUTO	3	26/09/1990
9519	4954432	17107	<i>Banksia meisneri</i> subsp. <i>ascendens</i>	4	Perennial. Erect open shrub, 50 cm high. Flowers yellow. Single stem at ground level. Plant active, healthy.	Site: Lowland. Soil Surface: Covered in swamp vegetation, sandy. Soil Colour: Dark Grey Soil Texture: Sand Comments: None pH: 5.00 No Rock Outcrop Fire History: 1993-94 Season: Unknown Type: Unknown	Low open woodland.		Abundance: occasional. Ca 75% of population flowering.	GPS	1	26/08/1997
9521	1155806	17107	<i>Banksia meisneri</i> subsp. <i>ascendens</i>	4	Shrub 70 cm, one stem at base, smooth brown bark; in fruit and with old flowers.	On sandy rise near swamp flat.	In <i>Banksia ilicifolia</i> - heath.		Host for <i>Banksiamyces</i> sp. 4 apothecia removed from carpological collection. E.M. Davison 2/04/2008. 10 <i>Banksiamyces</i> removed for Tom May (MEL). E. Davison, 15/04/2008.	MAN	3	3/02/1976
9522	1155830	17107	<i>Banksia meisneri</i> subsp. <i>ascendens</i>	4	Small shrub 1-2 ft tall.	Sandy semi-swamp.				MAN	3	24/10/1948

FID	Sheet	NameID	Taxon	Cons_Cod e	Plant_Desc	Site	Vegetation	Frequency	Notes	Geo_Met hod	Precision	Date
9523	1736191	17107	<i>Banksia meisneri</i> subsp. <i>ascendens</i>	4	Spreading shrub c. 1.5 x 1.5 m. Lower branches procumbent.	Deep siliceous sand.	Heathland.			MAN	0	19/08/1982
9526	1736205	17107	<i>Banksia meisneri</i> subsp. <i>ascendens</i>	4					Abundance: abundant in patches.	AUTO	4	1/07/1988
9528	5814871	17107	<i>Banksia meisneri</i> subsp. <i>ascendens</i>	4	Shrub to 70 cm tall, one stem at base with smooth brown bark. Fruits more or less round. Few follicles.	Winter wet plain. Brown sandy loam over laterite?	Heathland. Associated species: <i>Banksia ilicifolia</i> , <i>Lepidosperma</i> sp., <i>Nuytsia floribunda</i> , <i>Isolepis</i> sp.	100+ plants.		GPS	1	31/01/2001
9535	4333128	17107	<i>Banksia meisneri</i> subsp. <i>ascendens</i>	4	To 1 m high, with yellow gold flowers.	Sandy loam swamp.	In association with <i>Melaleuca</i> sp. and <i>Adenanthos</i> sp.			MAN	0	23/04/1981
9626	4228936	32204	<i>Banksia nivea</i> subsp. <i>uliginosa</i>	T	Bushy shrub 70 cm tall, style maroon, pollen presenter green.	In clay over laterite.	Scrub.			MAN	0	21/10/1993
9627	4228944	32204	<i>Banksia nivea</i> subsp. <i>uliginosa</i>	T	Bushy shrub 70 cm tall, style maroon, pollen presenter green.	In clay over laterite.	Scrub.			MAN	0	21/10/1993
9633	3054136	32204	<i>Banksia nivea</i> subsp. <i>uliginosa</i>	T	low shrub, 200mm high, flowers yellow-brown	sandy flats	jarrah marri			MAN	0	17/09/1990
9637	4669118	32204	<i>Banksia nivea</i> subsp. <i>uliginosa</i>	T	Mounded shrub to 1 m with long leaves similar to <i>D. nivea</i> .	Flat plain seasonally inundated. White sand over laterite.	Coastal heathland with <i>Calothamnus</i> aff. <i>crassus</i> , <i>Adenanthos detmoldii</i> , <i>Darwinia</i> sp., <i>Andersonia</i> aff. <i>latiflora</i> , <i>Verticordia</i> spp., <i>Lambertia orbifolia</i> , <i>Banksia attenuata</i> .			GPS	1	19/02/1997
10254	5749859	32078	<i>Banksia sessilis</i> var. <i>cordata</i>	4	Open, straggly shrub 3 m high x 2 m wide. Creamy-yellow flowers.	Stabilised dune. Litter, yellow-grey sand over limestone.	Dense thicket, <i>Agonis flexuosa</i> , <i>Olearia axillaris</i> , <i>Spyridium globulosum</i> .	common.		GPS	1	12/10/2000
11152	3053512	20026	<i>Blennospora</i> <i>doliiformis</i>	3	Annual herb, 80 mm high, flowers brown.	Shallow loam over laterite.	Laterite heath.			MAN	0	1/11/1990
11223	8459851	16313	<i>Boronia anceps</i>	3	Shrub 30 cm tall, low spreading at base with erect flower stalks. Flowers dark pink.	Flat plain. At roadside in wet sand. Black sand below white.	Very open heath with sedges.	locally frequent.		UNK	3	9/11/1985
11224	4980441	16313	<i>Boronia anceps</i>	3	Erect herb, ca 0.6 m high x ca 0.3 m wide.	Seasonally inundated flats. Dry white- grey sand.	Open Low Woodland B, Dense Low Heath C. <i>Hypocalymma</i> sp.		Abundance: frequent.	GPS	1	22/10/1997
11225	4980425	16313	<i>Boronia anceps</i>	3	Erect herb, ca 0.4 m high x ca 0.2 m wide.	Seasonally inundated flats. Dry white- grey sand.	Open Low Woodland B, Dense Low Heath C.		Abundance: frequent.	GPS	1	22/10/1997
11227	946273	16313	<i>Boronia anceps</i>	3	Flowers bright pink.	Freshwater marsh.				MAN	0	16/11/1982
11228	943843	16313	<i>Boronia anceps</i>	3	Flowers deep pink-purple. Shrub 30 cm high.	Growing in recently flooded roadside drains.				AUTO	3	8/09/1971
11229	6227260	16313	<i>Boronia anceps</i>	3	Shrub 30 cm tall, low spreading at base with erect flower stalks. Flowers dark pink.	Flat plain. At road side with wet sand. Black sand below white.	Very open heath with sedges.	locally frequent.	Living coll. no.: 852544 [NSW]	MAN	3	9/11/1985
11230	6031706	16313	<i>Boronia anceps</i>	3	Erect, open, perennial shrub 35 cm high x 30 cm wide. Flowers pink. Fruits absent.	Plain - wetland. Open site. W aspect. Erosion present. Road verge. Brown loam.	Shrubland. <i>Adenanthos detmoldii</i> , <i>Nuytsia</i> <i>floribunda</i> , <i>Agonis flexuosa</i> .	locally frequent.	Weeds abundant.	GPS	1	3/10/2001
11231	5351693	16313	<i>Boronia anceps</i>	3	Erect, open, perennial shrub 30 cm high x 35 cm wide. Flowers pink.	Swamp - wetland. Open N-S aspect. Moist brown sandy-loam over laterite, bare.	Open woodland - heath. <i>Agonis flexuosa</i> , <i>Adenanthos detmoldii</i> , <i>Xanthorrhoea preissii</i> , <i>Pericalymma elliptica</i> , <i>Eucalyptus marginata</i> .	frequent.	Percentage of population flowering 20%. Percentage of dead plants in area 30% of population.	GPS	1	11/10/2000

FID	Sheet	NameID	Taxon	Cons_Cod e	Plant_Desc	Site	Vegetation	Frequency	Notes	Geo_Met hod	Precision	Date
11232	5351812	16313	Boronia anceps	3	Erect open perennial shrub, height to 70 cm, width to 45 cm; flowers pink.	Wetland; road verge; brown clayey sand.	Shrubland.	locally frequent.	30% of population flowering. Floristic richness: 0-20 species.	GPS	1	11/10/2000
11234	7643403	16313	Boronia anceps	3	Perennial shrub 0.3 m high. Pink flowers.	Recontoured landform, revegetated minesite. Grey wet soil.	Within BHP Beenup revegetation.	50+ plants.	Percentage of population flowering 90% Abundance: uncommon.	GPS	1	10/01/2007
11235	3053393	16313	Boronia anceps	3	Spindly shrub, 550mm high, flowers pink.	Sandy flats.	Wet heath.			MAN	0	3/12/1990
11394	3054810	16318	Boronia exilis	T	Spindly shrub, 500mm high, flowers pink	Sandy flats	Wet heath Homalospermum firmum Beaufortia sparsa Evandra aristata		uncommon	MAN	0	17/09/1990
11395	3054829	16318	Boronia exilis	T	Spindly shrub, 500 mm high, flowers pink.	Sandy flats.	Wet heath - Homalospermum firmum, Beaufortia sparsa.		Abundance: uncommon.	MAN	0	17/09/1990
11396	5412625	16318	Boronia exilis	T	Low, erect habit.	Swamp. Grey-white soil.	Heath B over Tall Sedges.	40-60 plants.		GPS	1	27/09/1999
11399	957615	16318	Boronia exilis	T						AUTO	3	8/09/1965
11400	5527937	16318	Boronia exilis	T	Spindly shrub 50 cm high with pink flowers. Fruit 4-loculed capsule with 1-2 seed per section.	Flat. Grey sand over laterite.	Winter-wet heathland. Associated species: Anarthrium spp., heathland spp.			MAN	0	25/11/1999
11401	5543231	16318	Boronia exilis	T	Erect shrub 1 m high x 5 cm wide.	Flat plain swamp. Grey sand over ?laterite.	Heath A over tall sedges. Characteristic species: tall sedgeland of Leptocarpus, Restio and Schoenus spp.	sparse dispersal 50-100 plants.	Taller specimen than at population 1 c. Due to taller associated species, a lot more slender.	GPS	1	17/09/1999
11402	6017479	16318	Boronia exilis	T	Spindly shrub 50 cm high with pink flowers.	Flat, winter wet lowland. Grey sand over laterite.	Winter wet heathland. Associated species: Anarthrium spp., heathland spp., Leucopogon sp., Sphenotoma sp., Melaleuca sp.	hundreds.		GPS	1	11/12/2001
11403	4469275	16318	Boronia exilis	T	Tall, very spindly, single stemmed shrub. 50 cm high x 3 cm wide. Large, bright pink flowers.	Plain. Grey sand, dry but beside saturated areas.	Dense Hummock Grass. Anarthrium.	infrequent.	Area burnt 18 months ago - Boronia found within this area also but not in large numbers.	GPS	1	19/09/1996
11404	5543223	16318	Boronia exilis	T	Low, erect habit 50 cm high x 15 cm wide.	Flat plain, swamp. Grey sandy soil over laterite?	Heath B over Low Sedges. Characteristic species: sedgeland of Anarthria spp. with emergent pockets of Proteaceae and Myrtaceae shrub spp.	large numbers of plants.	Distinct population boundary.	GPS	1	17/09/1999
12427	2389797	13852	Caladenia abbreviata	3		Sand white to grey.	Marri and Jarrah coastal scrub.			AUTO	3	/11/1991
12428	1935135	13852	Caladenia abbreviata	3	An erect tuberous herb to 25 cm high. Flowers yellow with short dark petals and sepals.	In open sandy clearings - deep sand. On slopes of consolidated sand dunes.	Amongst dense thickets of Agonis flexuosa.	50+ plants in early flower.		MAN	3	11/11/1986
12429	1751565	13852	Caladenia abbreviata	3	An erect, tuberous herb to 25 cm high. Flowers yellow with short, dark petals and sepals.	In open sandy clearings - deep sand. On slopes of consolidated sand dunes.	Amongst dense thickets of Agonis flexuosa.	50+ plants in early flower.		MAN	3	11/11/1986
12430	5907209	13852	Caladenia abbreviata	3	Most plants with a yellowish colouration and red hairs on the end of all perianth segments.	Sandy-loam soil.	Tall Eucalyptus diversicolor - Agonis woodland; scattered Eucalyptus calophylla and Banksia grandis over dense shrubs of Templetonia retusa, Hibbertia cuneata, Chorolaena, Pimelea, etc.	16 plants, 6 in flower, most in bud.		MAN	2	11/11/1986

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12432	7501102	13852	Caladenia abbreviata	3		E facing slope.	Dense Agonis woodland.		Most finished however some still in full flower. eg. 20+ in full flower.	UNK	3	2/12/1986
12433	7109539	13852	Caladenia abbreviata	3		On winter wet run off with open granite.	Open heathland.	small colony of 15 plants.		GPS	1	13/11/2004
12436	5536251	13852	Caladenia abbreviata	3		White sand, consolidated dunes.	Banksia woodland with grass trees and native grasses.	small colonies.		GPS	1	1/11/1998
12439	6283535	44910	Caladenia ambusta	2	Orchid 400 mm high x 70 mm wide. Flower length 100 mm. Flowers pale green-red with maroon labellum.	Flat - gentle slope. Brown soil. Possibly burnt 1999.	Xanthorrhoea preissii over dense low heath. Melaleuca sp., ? Acacia pulchella, Senecio lautus, Pimelea sp., Spyridium globulosum.	21-50 plants over > 1 ha.	Adult population, 95% flowering. Grows within vegetation rather than bare areas. Wasp pollinator.	GPS	1	7/11/2002
12440	7111061	44910	Caladenia ambusta	2		Above open wetland. Consolidated dunes.	With grass trees and open heath.	common.		GPS	1	28/10/2004
12606	404373	13619	Caladenia excelsa	T	Erect tuberous herb ca 40 cm high. Flowers large, cream with red tipped labella.					MAN	4	//
12619	237272	13619	Caladenia excelsa	T		In sandy undulating country.	Growing in low woodland of Eucalyptus marginata, Banksia ilicifolia and Agonis flexuosa over low heath.	two plants in bud and flower.		MAN	3	4/10/1983
12788	8604320	18037	Caladenia lodgeana	T		Open granite with brown clay loam.	Open heathland. Dodonea ceratocarpa, Davesia horrida, Lepidosperma sp., Hypocalymma angustifolium, Phyllanthus sp.	40 in flower or bud.	Used for pollinator baiting study. Attracted thynnine wasps (vouchers KP 338, KP 339, KP 340).	GPS	1	4/11/2009
12790	7109547	18037	Caladenia lodgeana	T		On winter wet run off with open granite.	Open heathland.	common.		GPS	1	13/11/2004
12791	404349	18037	Caladenia lodgeana	T	Erect tuberous herb with white flowers.	In black loam/	With Blackboys and Red Gum, amongst herbs.			MAN	0	26/10/1984
12850	908010	18034	Caladenia pholcoidea subsp. augustensis	1	Last flowers, some in seed.	In peaty sand on flat swampy floor of broad valley.	Regenerating low heath, Pimelea rosea, sedges etc., fringing Melaleuca raphiophylla low woodland B.	500+, last flowers, some in seed.		MAN	0	11/12/1985
12851	7109717	18034	Caladenia pholcoidea subsp. augustensis	1		Burnt in summer. Swampland.	Open heath.	12 plants.		GPS	1	13/11/2004
13416	3129357	35799	Calothamnus lateralis var. crassus	3	Shrub to 1.5 m high, flowers red.	Gravel/clay.	Jarrah/Marri forest, Agonis parviceps, Dasypogon bromeliifolius.			MAN	0	27/08/1991
13418	1617745	35799	Calothamnus lateralis var. crassus	3	Flowers crimson, embedded in soft, corky tissue. Shrub brittle, ca 2 m tall.	Growing in wet depression at roadside.				MAN	0	20/08/1982
13419	1074806	35799	Calothamnus lateralis var. crassus	3						MAN	4	17/01/1945
13420	4231562	35799	Calothamnus lateralis var. crassus	3	Shrub to ca 2 m, flowers red.	Red loam over ironstone outcropping.	Roadside remnant of Viminaria juncea, Melaleuca incana, Hakea sp., Loxocarya sp. and other shrubs, sedges and Restionaceae.		Abundance: uncommon.	MAN	0	1/06/1995

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13421	4349814	35799	<i>Calothamnus lateralis</i> var. <i>crassus</i>	3	1 m high, with red flowers.	Peaty sandy swamp.	In association with <i>Melaleuca</i> sp. and <i>Kunzea vestita</i> .			AUTO	3	16/10/1986
13424	4608895	35799	<i>Calothamnus lateralis</i> var. <i>crassus</i>	3	Diffuse shrub 1.5 m, flowers deep red, large leaves, terete 15 cm.	Sand - wet.				MAN	3	15/09/1982
13425	4614615	35799	<i>Calothamnus lateralis</i> var. <i>crassus</i>	3	Erect open shrub 1 m x 50 cm, flowers red, stems corky.	Grey peaty sand, swamp.	Shrubland.		Abundance: occasional.	MAN	0	19/09/1995
13426	4406559	35799	<i>Calothamnus lateralis</i> var. <i>crassus</i>	3	Erect open shrub 2 m x 70 cm, flowers red.	Grey peaty sand, swamp.	Heath.		Abundance: frequent.	GPS	1	19/09/1995
13427	6031803	35799	<i>Calothamnus lateralis</i> var. <i>crassus</i>	3	Erect, open, perennial shrub 1.1 m high x 1 m wide. Flowers red. Fruit exposed.	Plain. E-W aspect. Brown-yellow clayey sand.	Tall woodland over shrubland. <i>Agonis flexuosa</i> , <i>Eucalyptus marginata</i> , <i>Corymbia calophylla</i> , <i>Meeboldinia scariosa</i> , <i>Kunzea recurva</i> .	locally occasional.	70% of population flowering. Weeds few.	GPS	1	3/10/2001
13429	6996515	35799	<i>Calothamnus lateralis</i> var. <i>crassus</i>	3	Shrub to 2 m, without lignotuber; stamens dull red.	In sandy peat on winter-wet flat.				UNK	2	24/09/2004
13430	6996507	35799	<i>Calothamnus lateralis</i> var. <i>crassus</i>	3	Shrub 2 m, without lignotuber; stamens bright reddish pink; flowers scented.	In sandy peat on winter-wet flat.	In shrubland.			UNK	2	24/09/2004
13431	3053857	35799	<i>Calothamnus lateralis</i> var. <i>crassus</i>	3	erect to decumbant perennial shrub, 700mm high, flowers red	sandy depression	leptocarpus pericalymma swamp			MAN	0	17/09/1990
14822	4723317	17686	<i>Chordifex gracilior</i>	3	Herb 50 cm high.	Drainage line, swamp.	With low sedge and shrubland, <i>Hypolaena exulca</i> , <i>Leptocarpus</i> sp., <i>Hakea ceratophylla</i> , <i>Melaleuca</i> sp. Associated species: <i>Calothamnus</i> sp., <i>Cassytha</i> sp., <i>Beaufortia sparsa</i> , <i>Diapsis filifolius</i> .			MAN	0	29/01/1997
14829	2176351	17686	<i>Chordifex gracilior</i>	3	Female. Large tussocks.	Extensive area of swampy grey sand.	With abundant Restionaceae, and small shrubs, occasional stands of Jarrah in area. <i>Leptocarpus diffusus</i> and <i>L. scariosus</i> present.			MAN	0	6/10/1984
14830	2176343	17686	<i>Chordifex gracilior</i>	3	Male.	Extensive area of swampy grey sand.	With abundant Restionaceae, and small shrubs, occasional stands of Jarrah in area. <i>Leptocarpus diffusus</i> and <i>L. scariosus</i> present.		Abundant.	MAN	0	6/10/1984
14835	4849442	17686	<i>Chordifex gracilior</i>	3	Perennial. Rhizomatous restiad, 40 cm high. Multistemmed underground. Plant active, healthy.	Site: Lowland. Soil Surface: Covered in swamp vegetation, sandy. Soil Colour: Dark Grey Soil Texture: Sand Comments: None pH: 5.00 No Rock Outcrop Fire History: 1993-94 Season: Unknown Type: Unknown	Low open woodland.		Abundance: locally frequent.	GPS	1	26/08/1997
14840	1620312	17686	<i>Chordifex gracilior</i>	3	Rhizomatous herb 30-50 cm x 70 cm. Brown flowers.	Winter wet flats in black peaty sand over clay.	<i>Restio ustulatus</i> sedgeland.		Abundance: very common.	MAN	0	24/09/1990
14841	3141772	17686	<i>Chordifex gracilior</i>	3	Sedge.	Soil: Light grey/grey sand. Topography: Seasonally wet flat . Geology: Pleistocene quartz sand.	Vegetation: <i>Restio</i> spp., <i>Leptocarpus</i> spp. Dense Tall Sedges over <i>Pericalymma ellipticum</i> Dense Low Heath D.			MAN	0	7/04/1990
14874	9400613	17675	<i>Chordifex jacksonii</i>	3	Rush to 70 cm.	In annual swamp over ironstone.	Low heath.	uncommon.		GPS	1	29/05/2002
15367	4225880	14003	<i>Conospermum quadripetalum</i>	2	Lax plant 30 cm high, flowers pale blue.	Swampy grey sand.	With sedges.	not common.		MAN	2	4/09/1985
15372	3052419	14003	<i>Conospermum quadripetalum</i>	2	Diffuse shrub, 450 mm high, flowers pale blue.	Sandy clay flats.	Jarrah paperbark flats.			MAN	0	9/11/1990

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16514	3142876	16262	Cyathochaeta stipoides	3	Clumped perennial herb 1.7m.	Soil: Dark reddish brown sand. Topography: Seasonally wet flat . Geology: Pleistocene quartz sand.	Vegetation: Agonis floribunda, A. parviceps Dense Heath A.			MAN	0	24/10/1990
16518	4850017	16262	Cyathochaeta stipoides	3	Perennial. Caespitose sedge, 10 cm high. Multistemmed underground. Plant active, healthy.	Site: Lowland. Soil Surface: Covered in swamp vegetation, sandy. Soil Colour: Dark Grey Soil Texture: Sand Comments: None pH: 5.00 No Rock Outcrop Fire History: 1993-94 Season: Unknown Type: Unknown	Low open woodland.	occasional.		GPS	1	26/08/1997
16520	3133907	16262	Cyathochaeta stipoides	3	Clumped perennial herb 1.7m.	Soil: Dark reddish brown sand. Topography: Seasonally wet flat . Geology: Pleistocene quartz sand.	Vegetation: Agonis floribunda, A. parviceps Dense Heath A.		PERTH 04741382 is also housed with this specimen.	MAN	0	9/04/1990
16521	6126065	16262	Cyathochaeta stipoides	3	Tussocks. Culms yellow-green.	Restiad heath on swampy coastal plain. Sandy soil.	Isolepis nodosa (beside road), Tricostularia neesii (8973), Evandra aristata (8974), Gymnoschoenus anceps (8975).	frequent.		MAN	2	20/11/1994
16788	2542722	7446	Dampiera heteroptera	3	Straggling perennial 12-18 inches tall.					AUTO	3	28/10/1947
16792	1606735	7446	Dampiera heteroptera	3		In swamp.				AUTO	3	21/10/1970
16797	4318846	7446	Dampiera heteroptera	3	30 cm high, with blue flowers.	Sandy soil.	In association with Stackhousia sp. and Eriostemon sp. In dense thicket of Melaleuca thymoides, Loxocarya sp., Grevillea manglesioides, Microtis unifolia, Anigozanthos viridis, Calothamnus sp, Viminaria juncea.			MAN	3	16/10/1984
17086	1044125	34774	Darwinia ferricola	T		On road verge on N side of road. On iron spongolite.				MAN	3	11/12/1985
18598	5127165	298	Deyeuxia inaequalis	1	Spreading rhizomatous grass, to 70 cm. Flowers green.	Black sandy clay. Creeklime.	Eucalyptus diversicolor forest.	locally common.		AUTO	3	14/12/1994
22269	1136534	20250	Eucalyptus calcicola subsp. calcicola	4	A low stunted tree to 2 m. Flowering when collected.	Growing on the seaward slope of a large dune (which has its peak 3 miles from the coast).			Abundance: restricted in occurrence; patch ca 2 hectares.	MAN	3	//1971
22270	1157388	20250	Eucalyptus calcicola subsp. calcicola	4	A several stemmed mallee 3 m high, d.b.h. 5 cm, with smooth grey/green mottled stems.	Growing in shallow, sandy soil on coastal limestone dunes.				MAN	3	24/09/1978
22271	1136488	20250	Eucalyptus calcicola subsp. calcicola	4						MAN	4	16/11/1981
22272	1136011	20250	Eucalyptus calcicola subsp. calcicola	4	Mallee 3 m tall, smooth grey bark, bright green slightly glossy leaves.				Oil collection 46.	MAN	3	24/03/1983
22273	1136518	20250	Eucalyptus calcicola subsp. calcicola	4	Mallee 3 m tall, smooth grey bark, bright green slightly glossy leaves.				Oil collection 46.	MAN	3	24/03/1983
22274	1135996	20250	Eucalyptus calcicola subsp. calcicola	4	Small mallee, 8 to 10 ft high.	Sand overlying limestone.	Coastal heath.			MAN	3	30/01/1973
22275	1157426	20250	Eucalyptus calcicola subsp. calcicola	4	A spreading mallee 4 m high, d.b.h. 6 cm, with smooth grey stems.	Growing in shallow, sandy soil on coastal limestone dunes.				MAN	3	24/09/1978
22276	1136496	20250	Eucalyptus calcicola subsp. calcicola	4	2.4 m tall smooth barked mallee.	Gradual slope, W aspect. Sand and outcropping limestone.	Forming open shrub mallee over Acacia truncata, Diplolaena, Scaevola, Oleria axillaris, Xanthorrhoea heath.			MAN	3	9/10/1984

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22277	1157418	20250	Eucalyptus calcicola subsp. calcicola	4	A spreading mallee 4 m high, d.b.h. 6 cm, with smooth grey stems.	Growing in shallow, sandy soil on coastal limestone dunes.				MAN	3	24/09/1978
22278	1157396	20250	Eucalyptus calcicola subsp. calcicola	4	A several stemmed mallee 3 m high, d.b.h. 5 cm, with smooth grey/green mottled stems.	Growing in shallow, sandy soil on coastal limestone dunes.				MAN	3	24/09/1978
22279	3125467	20250	Eucalyptus calcicola subsp. calcicola	4	Tree mallee 3-5m, bark smooth.	Soil: Reddish brown sand. Topography: Well drained slight SW facing slope. Geology: Late Pleistocene coastal limestone.	Vegetation: Eucalyptus calcicola Shrub Mallee over Hakea spp., Spyridium globulosum Heath A.			MAN	0	28/11/1989
22280	1136437	20250	Eucalyptus calcicola subsp. calcicola	4	Mallee to 3.5 m. Flowers white.	Calcareous ridge with westerly aspect.				MAN	3	22/05/1982
22281	1165305	20250	Eucalyptus calcicola subsp. calcicola	4	A several-stemmed mallee 3 m high, d.b.h. 5 cm, with smooth grey/green mottled stems.	Growing in shallow sandy soil on coastal limestone dunes.				MAN	3	24/09/1978
22282	1151053	20250	Eucalyptus calcicola subsp. calcicola	4	Dense mallee up to 8 feet high. Many stemmed. Stems up to 1.5 inches in diam. Bark smooth greenish grey. Flower white.	On limestone close to coast.				MAN	3	18/06/1971
22283	1151037	20250	Eucalyptus calcicola subsp. calcicola	4	Dense mallee up to 8 feet high. Many stemmed. Stems up to 1.5 inches in diam. Bark smooth greenish grey. Flower white.	On limestone close to coast.				MAN	3	18/06/1971
22284	1151045	20250	Eucalyptus calcicola subsp. calcicola	4	Dense mallee up to 8 feet high. Many stemmed. Stems up to 1.5 inches in diam. Bark smooth greenish grey. Flower white.	On limestone close to coast.				MAN	3	18/06/1971
22285	9190228	20250	Eucalyptus calcicola subsp. calcicola	4	Mallee, 3 m high. Bark rough, thin at base, smooth above. Juvenile leaves bright green.	Seaward limestone dune slope.	Heath.	common.		GPS	1	21/01/2017
22286	5999456	20250	Eucalyptus calcicola subsp. calcicola	4	Mallee 4 m tall. Bark smooth, grey over yellow tan. Leaves glossy, light green.	On sand over limestone.	Eucalyptus megacarpa.			MAN	2	27/01/1996
22287	5895510	20250	Eucalyptus calcicola subsp. calcicola	4	Dense mallee to 4 m tall with smooth bark and bright green glossy leaves. Corrugated buds and fruits.	Ridge. Grey sand over limestone.	Mallee heath. Associated species: Spyridium globulosum, Olearia axillaris, Eucalyptus megacarpa, Agonis flexuosa, Dryandra sessilis, Templetonia retusa, Xanthorrhoea.	100's of plants. Plants occur in dense stands.		GPS	1	7/11/2001
22288	9359869	20250	Eucalyptus calcicola subsp. calcicola	4	Large mallee to 5 m tall. White flowers. Smooth grey bark, peeling at base.	W slope. Soil: pale brown sand.	Dense mallee shrubland. Associated species: Spyridium sp., Hakea sp., Templetonia retusa, Agonis flexuosa.	>25 plants.		GPS	1	10/03/2021
22289	1136038	20250	Eucalyptus calcicola subsp. calcicola	4					Oil collection 47.	MAN	3	24/03/1983

FID	Sheet	NameID	Taxon	Cons_Cod e	Plant_Desc	Site	Vegetation	Frequency	Notes	Geo_Met hod	Precision	Date
22290	8803978	20250	<i>Eucalyptus calcicola</i> subsp. <i>calcicola</i>	4	Mallee, 4 m tall. Bark rough, thin grey to 1 m, smooth cream-grey above.	W facing coastal slope, out-cropping limestone.	Coastal heath.	common on track.	Occurs within 200 m of Boranup Beach, occurs with <i>Eucalyptus</i> <i>megacarpa</i> other locations.	GPS	1	28/01/2015
22291	1136445	20250	<i>Eucalyptus calcicola</i> subsp. <i>calcicola</i>	4	A mallee 2.5 m tall with light grey or greenish-grey stems. Fruits conspicuously clustered in many specimens about half- way up around the main stem or main axis.	Outcropping limestone.	Growing in a pure dense stand.		Abundance: pure dense stand.	MAN	3	8/05/1972
22292	9359877	20250	<i>Eucalyptus calcicola</i> subsp. <i>calcicola</i>	4	Large mallee to 5 m tall. White flowers. Smooth grey bark, peeling at base.	W slope. Soil: pale brown sand.	Dense mallee shrubland. Associated species: <i>Spyridium</i> sp., <i>Hakea</i> sp., <i>Templetonia retusa</i> , <i>Agonis flexuosa</i> .	>25 plants.		GPS	1	10/03/2021
23731	4642864	16888	<i>Eucalyptus marginata</i> x <i>megacarpa</i>	4	Umbrageous tree 8 m tall with thin non-decorticated grey bark.	On 0.4 m of brown loamy sand over lateritic sand.				MAN	0	11/10/1975
25886	1676415	1945	<i>Franklandia triaristata</i>	4						AUTO	3	//
26164	1047671	20504	<i>Gastrolobium</i> <i>formosum</i>	3	Erect, multistemmed shrub. Flowers red.	Grey sand. Edges of river.	Jarrah/Marri forest, forms thickets.	common.		MAN	3	4/11/1978
26173	1047663	20504	<i>Gastrolobium</i> <i>formosum</i>	3	Flowers crimson.					MAN	3	28/12/1922
26174	1047655	20504	<i>Gastrolobium</i> <i>formosum</i>	3						MAN	3	28/12/1922
26176	1879693	20504	<i>Gastrolobium</i> <i>formosum</i>	3	Erect shrub 750 mm high, flowers red.	Sloped bank, soil variable.	Thick river vegetation.		Abundance: common along river	AUTO	4	26/09/1990
26178	1048198	20504	<i>Gastrolobium</i> <i>formosum</i>	3	Shrub 1-3 m. Flowers deep red; bracts rusty brown.	Ironstone. Swampy forest and thicket by the river.	Forest.			MAN	3	16/11/1982
26181	4406567	20504	<i>Gastrolobium</i> <i>formosum</i>	3	Erect open shrub 2 m x 2 m.	Grey peaty sand, swamp.	Heath.		Abundance: occasional.	GPS	1	19/09/1995
26184	7488874	20504	<i>Gastrolobium</i> <i>formosum</i>	3	Erect, spreading shrub; 0.5-3 m high, to 2 m wide; flowers red, Sep-Dec.			100+		TOPO	3	15/06/2001
26191	7892594	20504	<i>Gastrolobium</i> <i>formosum</i>	3	Sprawling shrub to 1.2 m high x 4 m diam. Inflorescences pendent, comprising 4 dark red flowers surrounded by 4 brownish-pubescent decussate bracts.	Swamy roadside on loamy soil.	Swamp-heath with <i>Adenanthos detmoldii</i> , <i>Grevillea diversifolia</i> .	abundant but localised.		GPS	1	5/08/2007
27159	3494438	6162	<i>Gonocarpus pusillus</i>	4		On shoulder of road half buried in drifting sand.			Same as A.E.Orchard 4340 but from wetter locality.	AUTO	3	8/12/1974
27163	3762343	6162	<i>Gonocarpus pusillus</i>	4	Low, rather compact herb with reddish upper stems and greenish flowers.	Grey sand.	Heathy fenland.			AUTO	4	8/12/1974
27176	4621395	6162	<i>Gonocarpus pusillus</i>	4	Low spreading perennial subshrub. In flower.	Winter wet flat. Brown loamy clay.	<i>Eucalyptus calophylla</i> woodland over sedges.		Abundance: locally common.	MAN	0	7/02/1997
28433	1459066	14010	<i>Grevillea brachystylis</i> subsp. <i>australis</i>	T						AUTO	3	24/04/1977

FID	Sheet	NameID	Taxon	Cons_Cod e	Plant_Desc	Site	Vegetation	Frequency	Notes	Geo_Met hod	Precision	Date
28435	8285632	14010	<i>Grevillea brachystylis</i> subsp. <i>australis</i>	T	Plants to 1 m tall, erect with lanceolate leaves. Flowers red and immature fruits pink-red.	Swamp. Flat, low lying. Winter wet clay soil over laterite.	<i>Agonis flexuosa</i> , <i>Agonis parviceps</i> , <i>Juncus</i> sp., weed.	<20 plants seen.		GPS	1	30/11/2009
28437	1459074	14010	<i>Grevillea brachystylis</i> subsp. <i>australis</i>	T						AUTO	3	24/04/1977
28441	4357256	14010	<i>Grevillea brachystylis</i> subsp. <i>australis</i>	T	Upright generally single stemmed shrub. Pale green foliage. Occasional red flowers. Appears to be new growth (burnt 1992).	Swamp, dry, wet in winter. Grey sandy clay.	Heath B. <i>Viminaria</i> sp.		Abundance: in localised area, common. Does not appear to extend into Jarrah/Marri woodland fringing the swamp.	MAN	0	20/01/1996
28442	4357272	14010	<i>Grevillea brachystylis</i> subsp. <i>australis</i>	T	Upright, open to sprawling, straggly shrub 1 m x 60 cm. Bright red flowers with purple style. Pale dull green leaves. Many with insect predation.	Plain, dry, grey sandy-clay.	Woodland, Marri, Jarrah, <i>Agonis</i> , <i>Viminaria</i> sp.		Abundance: localised area frequent. Very restricted distribution. Road verge increasing weed invasion.	GPS	1	20/01/1996
28443	1071890	14010	<i>Grevillea brachystylis</i> subsp. <i>australis</i>	T	Prostrate shrub 10-15 cm x 40 cm high. Flower red, style purple.	Road verge, flats. Grey clay over clay.	<i>Eucalyptus calophylla</i> over <i>Viminaria</i> .	common.		MAN	3	28/01/1988
28444	1071882	14010	<i>Grevillea brachystylis</i> subsp. <i>australis</i>	T	Erect or spreading shrub 50 cm - 1.2 m high. Flower red, style purple.	Edges swamp or edges creek. Sandy clay over clay.	<i>Eucalyptus calophylla</i> over <i>Agonis</i> .		Common.	MAN	3	29/01/1988
28445	6784895	14010	<i>Grevillea brachystylis</i> subsp. <i>australis</i>	T	Sprawling, spreading shrub to 1 m wide, 10 cm high. Lignotuberous. Red perianth, blue style.	Undulating plain. Yellow sand. Moist depressions.	Wet heath.	locally frequent. Plentiful seedlings in area (see 1035A).		MAN	3	2/11/1986
28446	5467071	14010	<i>Grevillea brachystylis</i> subsp. <i>australis</i>	T	Sprawling shrub to 0.3 m tall with red flowers.	On ? reddish soil.	Dense low heath D.			MAN	0	3/05/1989
29754	4397401	18436	<i>Grevillea manglesioides</i> subsp. <i>ferricola</i>	3	Erect open shrub 2 m x 1 m, flowers greenish yellow.	Grey peaty sand, swamp.	Heath.	frequent.		GPS	1	19/09/1995
29756	5074355	18436	<i>Grevillea manglesioides</i> subsp. <i>ferricola</i>	3	Erect or spreading shrub 1.5 x 1.5 m; flowers red, green or red-green, in full flower.	Winter wet flats, red sandy clay over ironstone.	Shrubland over sedges <i>Hakea tuberculata</i> , <i>Grevillea manglesioides</i> , <i>Melaleuca incana</i> , <i>Restio</i> isomorphus.	abundant.		TOPO	3	5/10/1997
29758	6455867	18436	<i>Grevillea manglesioides</i> subsp. <i>ferricola</i>	3	Erect, compact perennial shrub 1.6 m high x 1.2 m wide. Flowers yellow-green.	Plain, open wetland. Soggy brown clayey sand, bare.	Road verge remnant.	ca 45 plants.	Percentage of population flowering 70%.	GPS	1	11/10/2000
29761	5443091	18436	<i>Grevillea manglesioides</i> subsp. <i>ferricola</i>	3	Open bush to 1.8m, flowers greenish.	lyBLS near drain line.	Denase low Heath (on road verge).			MAN	0	3/05/1989
29954	2143674	14911	<i>Grevillea papillosa</i>	3						AUTO	3	24/10/1948
29957	4396618	14911	<i>Grevillea papillosa</i>	3	Sprawling shrub 1 m x 2 m. Flowers white, style red, tip green.	Grey peaty sand, swamp.	Shrubland.		Abundance: frequent.	GPS	1	19/09/1995
29961	5443067	14911	<i>Grevillea papillosa</i>	3						MAN	0	30/04/1992

FID	Sheet	NameID	Taxon	Cons_Cod e	Plant_Desc	Site	Vegetation	Frequency	Notes	Geo_Met hod	Precision	Date
29969	6051545	14911	Grevillea papillosa	3	Erect, compact, perennial shrub 90 cm high x 1.6 m wide. Flowers reddish green. Fruit absent.	Watercourse - wetland. Soggy. W aspect.	Shrubland. Nuytsia floribunda, Meeboldina spp., Agonis parviceps, Adenanthos detmoldii.	locally abundant.	80% of population flowering. Weeds abundant.	GPS	1	3/10/2001
29970	6031595	14911	Grevillea papillosa	3	Prostrate, decumbent, compact, perennial shrub 1 m high x 1.5 m wide. Flowers reddish-green.	Plain - wetland. Open site. W aspect. Erosion present. Road verge. Brown loam.	Shrubland. Adenanthos detmoldii, Nuytsia floribunda, Agonis flexuosa.	locally abundant.	10% of population flowering. Weeds abundant.	GPS	1	3/10/2001
29973	7892292	14911	Grevillea papillosa	3	Prostrate shrub. Tepals whitish shading to dull plum-coloured at base and on limb; pollen-presenters green.	Swamy roadside on loamy soil.	Swamp-heath with Adenanthos detmoldii, Gastrolobium formosum.	frequent but localised.		GPS	1	5/08/2007
29974	1820893	14911	Grevillea papillosa	3						AUTO	4	24/10/1948
29975	3911217	14911	Grevillea papillosa	3	rounded shrub, 1.0M high, flowers yellow flushed red	sandy clay flat	wet heath-sedgeland			MAN	0	17/09/1990
29976	3055485	14911	Grevillea papillosa	3	rounded shrub, 1.0M high, flowers yellow flushed red	sandy clay flat	wet heath-sedgeland			MAN	0	17/09/1990
29977	3053873	14911	Grevillea papillosa	3	erect shrub, 600mm high, flowers red and yellow	flat sandy clay	jarrah marri			MAN	0	20/09/1990
32134	5577225	38322	Hemiandra sp. Windy Harbour (B.J. Conn & J.A. Scott BJC 3344)	3	Branched upright shrub 60 cm high x 40 cm wide. Mauve, reddish sepals.	Gentle slope. Light litter. Yellow-brown sand over granite.	Open Low Scrub A. Dodonaea ceratocarpa, Xanthorrhoea preissii, Hibbertia hypericoides, Hypocalymma angustifolium.	occasional.	Large granite outcrop surrounded by Jarrah-Marri forest.	MAN	0	13/11/1999
32231	1257323	6860	Hemigenia obovata	1	Erect compact shrub to 40 cm. Mauve flowers.	Flat plain. At roadside in wet sand. Black sand below white.	Very open heath with sedges.		Abundance: occasional	MAN	0	9/11/1985
32294	3777103	49235	Hemigenia sp. Nillup (R.D. Royce 98)	2	Flowers mauve; straggling succulent herb or undershrub.	Gravelly soil.				AUTO	3	19/01/1945
32295	1811673	49235	Hemigenia sp. Nillup (R.D. Royce 98)	2	Diffuse under shrub, 40 mm high. Flowers lilac.	Slopes, sandy.	Bossiaea - Mirbelia.		Abundance: uncommon.	MAN	0	2/01/1991
32297	4542479	49235	Hemigenia sp. Nillup (R.D. Royce 98)	2	Twining delicate herb. Pale mauve or lilac flowers, small.	Swamp. Dry grey sand. Inundated in winter.	Woodland over dense thicket with Eucalyptus marginata, Xanthorrhoea preissii, Mirbelia densiflora, Acacia pulchella, Dampiera diversifolia, Sedges, Hypocalymma cordifolium.	not common.	Growing in amongst dense vegetation close to swamp. Difficult to locate.	GPS	1	20/01/1996
33327	1846116	5222	Hybanthus volubilis	2	Twining perennial 500 mm high, flowers pale purple.	Gentle slope, sandy.	Jarrah - Marri.		Abundance: c. 50 plants in immediate vicinity.	AUTO	3	17/09/1990
33330	3508366	5222	Hybanthus volubilis	2	Scandent soft shrub 2-4 m, flowers pale blue.	Creepline, grey sandy clay over clay.	Eucalyptus patens woodland.	locally common.		MAN	0	25/09/1990
33724	8071292	17622	Hypolaena robusta	4	Male plant.	On grey sand with humus, somewhat poorly drained.	Banksia attenuata - Eucalyptus todtiana woodland with shrub undergrowth.			UNK	2	22/10/2008
34156	1903861	16522	Isopogon formosus subsp. dasylepis	3	Erect shrub to 1 m high. Flowers pink. Leaves pungent.	Brown-black sandy clay at roadside to flat topography.	Shrubland rising to woodland.			MAN	0	29/10/1985
34187	3054128	16522	Isopogon formosus subsp. dasylepis	3	low shrub, 400mm high, flowers red and grey	sandy flats	jarrah marri			MAN	0	17/09/1990
34830	4575024	14631	Juncus meianthus	3	Small sedge, height to 30 cm.	Valley floor.	Agonis linearifolia, Dampiera hederacea, Pteridium esculentum, Lepidosperma tetraquetrum, Astartea fascicularis, Bossiaea rufa.			MAN	0	2/12/1992

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34901	8575282	33518	<i>Kennedia lateritia</i>	T	Climbing shrub to 1.5 m. Rounded glossy leaflets in groups of three. Pods brown-black.	S-E slope. Dark brown loam over granite.	In heath growing tangled amongst other shrubs and Eucalyptus. With <i>agonis flexuosa</i> , bracken fern, bridal creeper, <i>Coprosma</i> , <i>Eucalyptus</i> sp., <i>Hardenbergia comptoniana</i> , <i>kikuyu</i> , <i>Lonicera japonica</i> .	? 10 plants.	Many fruits with tiny aborted seeds.	GPS	1	22/12/2009
34903	456470	33518	<i>Kennedia lateritia</i>	T	Scandens, usque 3 m. alt., folia laete viridia, corolla rubra.					MAN	4	/10/1965
34904	4085140	33518	<i>Kennedia lateritia</i>	T						AUTO	3	//
34905	456454	33518	<i>Kennedia lateritia</i>	T						MAN	3	/11/1962
34908	1040146	33518	<i>Kennedia lateritia</i>	T	Twiner to 10 feet, flowers orange-yellow.	Granitic soil.				MAN	4	21/10/1972
34909	4135725	33518	<i>Kennedia lateritia</i>	T	Climbing shrub to 1.5 m. Rounded glossy leaflets in groups of three. Pods brown-black.	SE slope. Dark brown loam.	In heath, growing tangled amongst other shrubs with <i>Eucalyptus diversicolor</i> , <i>Hardenbergia comptoniana</i> , <i>Macrozamia riedlei</i> , bracken fern, bridal creeper.		Abundance: ca 10 plants (?).	GPS	1	14/12/1995
35182	8285543	19186	<i>Lambertia orbifolia</i> subsp. Scott River Plains (L.W. Sage 684)	T	Shrub to 3.5 m with dense crown branching at 40-60 cm. Forming a clumped pure stand (constituting 1-3 families?).	Gently undulating plain. Sandy loam with well developed O horizon. Laterite.	Closed shrubland amid open woodland. With <i>Acacia</i> sp., <i>Agonis flexuosa</i> , <i>Calothamnus</i> sp. Scott River (R.D. Royce 84), <i>Grevillea</i> sp., weeds, <i>Xanthorrhoea preissii</i> .	>30 plants 10+ seedlings.		GPS	1	30/11/2009
35183	5428831	19186	<i>Lambertia orbifolia</i> subsp. Scott River Plains (L.W. Sage 684)	T	Erect shrub to 2 m tall. A 3.5 m shrub with 8 cm diameter, trunk and large rootstock has existed.					MAN	0	15/08/1984
35197	8160465	19186	<i>Lambertia orbifolia</i> subsp. Scott River Plains (L.W. Sage 684)	T	Plant in flower.	Roadside.				TOPO	2	27/03/2008
35200	3125823	19186	<i>Lambertia orbifolia</i> subsp. Scott River Plains (L.W. Sage 684)	T	Shrub to 3 m with sparse crowns branching from ca 60 cm.	Gentle slopes of riverbank. Parent material: alluvium. Loamy sand, pH: 6.0.	Riparian woodland/shrubland. <i>Agonis juniperina</i> , <i>Agonis flexuosa</i> , <i>Banksia</i> sp.		Abundance: ca 25 mature ca 35 seedlings.	MAN	0	15/05/1993
36702	434035	8100	<i>Leptinella drummondii</i>	3	Flowers yellow; rhizomatose and stoloniferous perennial.	Red clay loam on banks of river.				AUTO	3	20/02/1973
36712	4123530	17702	<i>Leptomeria furtiva</i>	2	Shrub. Fine, single stemmed, branching into terete branchlets. Pale green to yellow. Reddish colour to flowers. Flowers minute. Tuberos. Grows within shelter of other vegetation.	Swamp. Dry, winter wet. Grey sand.	Tall sedge. <i>Anarthria scabra</i> , sedges, <i>Xanthorrhoea preissii</i> , <i>Beaufortia sparsa</i> .	rare.	Hard to find.	GPS	1	21/01/1996
36714	4734424	17702	<i>Leptomeria furtiva</i>	2	Shrub. Fine, single stemmed, branching into terete branchlets. Pale green to yellow. Reddish colour to flowers. Flowers minute. Tuberos. Grows within shelter of other vegetation.	Swamp. Dry, winter wet. Grey sand.	Tall sedge. <i>Anarthria scabra</i> , sedges, <i>Xanthorrhoea preissii</i> , <i>Beaufortia sparsa</i> .	rare.	Hard to find.	GPS	1	21/01/1996
36805	2138085	17954	<i>Lepyrodia extensa</i>	2	Male.	Swamp, largely cleared, on moist peat.	In <i>Melaleuca</i> - <i>Agonis</i> swamp.		Abundance: common (see 722 female).	AUTO	3	20/09/1966
37697	1024477	33397	<i>Leucopogon wheeleri</i>	3						MAN	3	8/09/1965

FID	Sheet	NameID	Taxon	Cons_Cod e	Plant_Desc	Site	Vegetation	Frequency	Notes	Geo_Met hod	Precision	Date
37698	1841785	33397	Leucopogon wheelerae	3	Diffuse shrub, elegant, 450 mm, flowers pink-white.	Gentle slope, sand over laterite.	Wet heath.		Abundance: Common.	AUTO	4	25/09/1990
37700	1024485	33397	Leucopogon wheelerae	3	20 cm high shrub, spreading from short stem at base. Flowers white, buds pink.	On flat area over dark grey sand (white when dry). Disturbed roadside site.	Sedge-heath.		Abundance: locally abundant.	MAN	0	24/08/1986
37701	4396804	33397	Leucopogon wheelerae	3	Erect tangled shrub 70 x 50 cm, flowers white.	Grey sand, plain.	Shrubland.		Abundance: occasional.	GPS	1	19/09/1995
37702	4478584	33397	Leucopogon wheelerae	3	Erect open 70 cm high, 40 cm wide, sterile, tap roots.	Plain near swamp, grey sand.	Woodland.		Abundance: frequent.	GPS	1	12/06/1996
37704	1556355	33397	Leucopogon wheelerae	3	Shrub 40 cm, very spreading open growth, young branches bright red, flowers white, buds pink tipped.	Wet sand flat; roadside, flat plain.	Open sedge heath.	rare.		MAN	0	9/11/1985
37705	1024434	33397	Leucopogon wheelerae	3	Finely branched, woody shrub to 50 cm. Buds pink, flowers white.	White sand.	Low open heath.		Abundance: locally occasional.	MAN	0	24/08/1986
37706	5073790	33397	Leucopogon wheelerae	3	Highly branched shrub 50 cm tall; with multiple stems from base of plant; buds pink, corolla white, sepals and bracts deep pink/red; fruit green with red patches; young stems red with young growth forming very swollen buds before expansion; leaf apex ref	Roadside embankment; surrounding area a plain. Sand with high organic content.	Tussock vegetation less than 1 m tall; Cyperaceae, Juncaceae, Grevillea, Sphenotoma. Disturbed.	common.		MAN	0	10/10/1997
37707	5558042	33397	Leucopogon wheelerae	3						MAN	0	28/04/1992
37708	6051537	33397	Leucopogon wheelerae	3	Erect, compact, perennial shrub 45 cm high x 70 cm wide. Flowers white suffused pink. Fruit absent.	Plain, wetland. E-W aspect. Soggy, grey peaty sand. Road verge.	Disturbed area. Homalospermum firmum, Anarthria scabra, Meeboldina scariosa.	frequent.	80% of population flowering. Weeds abundant.	GPS	1	3/10/2001
37709	7467605	33397	Leucopogon wheelerae	3	Sprawling shrub 70 cm high x 70 cm wide. Plants single stemmed at ground level, fruiting.	Low winter wet flat. Seasonally damp or wet grey, sandy loam.	Heath mostly 1 - 1.5 m. Associated vegetation: Taxandria parviceps, Adenanthos obovatus, Boronia spathulata, numerous restiads.	occasional.		GPS	1	26/11/2006
37711	1024469	33397	Leucopogon wheelerae	3	Flowers white and pink, rounded delicately branched shrub, 3 ft. tall.					MAN	3	8/09/1971
37998	8245711	13779	Loxocarya magna	3	Very large clumps to 1.5 m.	Sand over ironstone pavement.	Wet scrub heath.	locally abundant.		UNK	3	11/09/1990
38002	8506418	13779	Loxocarya magna	3	Very large clumps to 1.5 m.	Sand over ironstone pavement.	Wet scrub heath.	locally abundant.		UNK	3	11/09/1990
38006	2528347	13779	Loxocarya magna	3	Very large clumps to 1.5 m.	Sand over ironstone pavement.	Wet scrub-heath.	locally abundant.		MAN	0	11/09/1990
38031	3052710	13779	Loxocarya magna	3	Perennial sedge, 500 mm high, flowers.	Shallow loam over laterite, flat.	Wet laterite heath.		Common on this laterite flat.	MAN	0	10/09/1990
38033	3050564	13779	Loxocarya magna	3	Tall sedge 1m.	Soil: Skeletal red loamy sand. Topography: Seasonally wet slight SW facing slope on ironstone.	Vegetation: Melaleuca preisianna Low Woodland B over Calothamnus lateralis Heath B.			MAN	0	19/11/1991
38475	1824503	5877	Melaleuca basicephala	4	Erect shrub 400 mm, flowers mauve.	Flats, depressions, sandy clay. Large wetlands.	Wet heath.		Abundance: common	AUTO	3	2/01/1991

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38476	1081462	5877	Melaleuca basicephala	4	Flowers mauve-pink. Straggling undershrub to 60 cm.	Dense swamp.	Undershrub.			MAN	4	9/12/1978
38482	4986164	5877	Melaleuca basicephala	4	Low spreading multistemmed shrub, from a single base. Flowers purple, in full flower.	Brown clay loam.	Leptocarpus sedgeland.	locally common.		MAN	0	7/02/1997
38489	5797586	5877	Melaleuca basicephala	4	Spreading, woody sub shrub 50 cm high x 50 cm wide. Pink-violet flowers.	Flat, winter wet swamp. Light litter. Grey-black sandy peat. Underlying geology sediments.	Dwarf Scrub D. Velvet rush, sedges, Xyris flexiflora, Eutaxia virgata.	frequent in wet area of swamp.	Swamp starting to dry out, central area still wet.	GPS	1	28/11/2000
38490	8032130	5877	Melaleuca basicephala	4	Slender decumbent shrub, 20 cm high x 50 cm wide. Flowers light purple; in full flower.	Winter wet flat. Brown sandy clay.	Melaleuca low shrubland over low dense shrubland.	locally common.		GPS	1	17/11/2007
38491	8058520	5877	Melaleuca basicephala	4	Spreading few branched shrub 40 cm high x 40 cm wide. Flowers purple, in full flower.	Winter wet flats. Black peaty over clay.	Beaufortia sparsa, Agonis, Homalospermum firmum shrubland.	common.		GPS	1	17/11/2007
40153	4738349	50569	Netrostylis sp. Blackwood River (A.R. Annels 3043)	3	Sedge, height to 40 cm.	Valley floor.	Agonis flexuosa. A. linearifloia, Oxylobium lanceolatum, Lepidosperma tetraquetrum, Dampiera hederacea, Acacia alata.			MAN	0	18/11/1992
40162	4738322	50564	Netrostylis sp. Nannup (P.A. Jurjevich 1133)	1	Rush, height to 60 cm.	Valley floor.	Agonis linearifloia, Acacia pulchella, Lepidosperma tetraquetrum, Styliidium scandens, Dampiera hederaceae, Comesperma confertum, Gahnia trifida, Hovea elliptica.			MAN	0	18/11/1992
41686	1934848	11860	Philydrella pygmaea subsp. minima	1	Slender reddish plant.	In damp hollows.				MAN	0	8/12/1974
41949	5121981	12077	Pimelea ciliata subsp. longituba	3	Slender erect open shrub to 80 cm. Flowers pink, in full flower.	Grey sand.	Eucalyptus marginata woodland over Agonis.		Abundance: locally common.	MAN	0	30/10/1996
43424	572578	4179	Pultenaea pinifolia	3						MAN	3	/10/1905
43479	635138	4183	Pultenaea skinneri	4						MAN	3	//1873
43533	1127144	958	Reedia spathacea	T	Scapes up to 8 ft tall. Basal leaves eaten by cattle.	Moist, dark grey loam soil.				MAN	3	14/02/1971
43538	1127152	958	Reedia spathacea	T	Leaves 3-4 feet long, flowering stem to 8-9 inches long.	In spongy, wet swampy soil.				MAN	3	14/01/1945
43543	7886713	958	Reedia spathacea	T	Robust, tufted perennial sedge, 2-4m high, clumps 1.5-2m wide; flower brown, November-January.					GPS	1	12/10/2005
43550	5305195	958	Reedia spathacea	T	Ls 1.2 m long on basal stem to 0.4 m long x 0.1 m. Scape 3.3 m long, spathes 330 mm long, young flowers not seen.	Restricted occurrence in swamp on lower parts of 5 degree to 10 degree slope. Soil organic over pale sandy loam.	Agonis linearifolia and monocots.			MAN	0	13/10/1983
44655	2263270	995	Schoenus indutus	1	Rhizomatous herb 10 cm x 20 cm, flowers brown.	Edges swamp, black sand over clay.	Marri over Kunzea.		Abundance: Common.	AUTO	4	28/01/1988
44657	3052826	999	Schoenus loliaceus	2	small aquatic sedge, 100mm high, flowers	sandy clay, flat	inundated cleared firebreak			MAN	0	20/11/1990
44658	3054780	999	Schoenus loliaceus	2	annual aquatic, 100mm high, flowers green	sandy depression	seasonally inundated depressions open firebreaks			MAN	0	26/09/1990

FID	Sheet	NameID	Taxon	Cons_Cod e	Plant_Desc	Site	Vegetation	Frequency	Notes	Geo_Met hod	Precision	Date
44797	6972985	16269	Schoenus sp. Grassy (E. Gude & J. Harvey 250)	2	Grasslike sprawling. Herb appears perennial 5-10 cm high and 30-40 cm wide. Pale green leaves and stems with large heads, red-brown leaf sheaths and plant bases.	Low seasonal wet area. Moist grey sandy loam.	Low forest B, over low heath C, over dense tall sedges, Melaleuca raphiophylla M. incana, Xanthorrhoea preissii, Rhadinothermus anceps, Acacia alata, Lepidosperma spp. Baumea juncea.	only one plant noted.	Plant is growing around edges of small water hole dug in vegetation, it was collected for identification purposes and unfortunately its abundance was not noted.	MAN	2	17/06/2004
44801	4723201	16269	Schoenus sp. Grassy (E. Gude & J. Harvey 250)	2	Herb 50 cm high.	In peaty swamp.	Thick sedgeland dominated by Baumea spp. to 2.5 m. Associated species: Baumea spp., Gahnia trifida, Phlebalium sp., Lepidosperma sp.			GPS	1	18/12/1996
46584	4849353	19704	Stenanthemum sublineare	2	Perennial. Low open shrub, 5 cm high. Multistemmed at ground level. Plant active, healthy.	Site: Lowland. Soil Surface: Covered in swamp vegetation, sandy. Soil Colour: Dark Grey Soil Texture: Sand Comments: None pH: 5.00 No Rock Outcrop Fire History: 1993-94 Season: Unknown Type: Unknown	Low open woodland.		Abundance: occasional.	GPS	1	26/08/1997
47094	8526788	20691	Stylidium gloeophyllum	4	Erect perennial herb, 15 cm high x 5 - 7 cm wide. Glandular sticky leaves and pale pink flowers.	Upland granite outcrop with brown loam over granite rock at shallow depth.	Verticordia plumosa, Darwinia citriodora, Pimelia imbricata, Stypandra glauca low shrubland, over Amphipogon sp., Neurachne alopecuroides grasses.	uncommon.		UNK	2	5/12/2013
47180	5849047	17850	Stylidium ireneae	4	Flowers pink. All plants in flower, some in juvenile fruit.	Growing in brown loamy soils.	Under Agonis flexuosa, Eucalyptus calophylla, Xanthorrhoea preissii.	Large population of multi-rosetted plants seen throughout natural bush.	Many specimens colonizing road side on man-made road verges, embankments and drainage road runoff lines. This Augusta collection is significant. This gathering is 185 km distance SW of the type location. *	GPS	1	19/11/2000
47213	4478517	17411	Stylidium leeuwinense	4	Erect dwarf shrub 30 cm high, 5 cm wide, fertile, flowers pink.	Plain near swamp, grey sand.	Woodland.		Abundance: occasional.	GPS	1	12/06/1996
47262	3051080	17411	Stylidium leeuwinense	4	Erect herb flowers dark pink.	Soil: Dark grey sand. Topography: Well drained flat. Geology: Pleistocene quartz sand.	Vegetation: Homalospermum firmum Low Heath C.			MAN	0	4/04/1991
47379	4840259	12590	Stylidium lowrieianum	3	Perennial. Rosulate herb, 2 cm high. Multistemmed at ground level. Plant active, healthy.	Site: Lowland. Soil Surface: Littered. Soil Colour: Pale Grey Soil Texture: Sand Comments: None pH: 5.00 Very Slightly Rocky 2% Exposed Limestone Fire History: 1992-93 Season: Unknown Type: Unknown	Open forest.	frequent.		GPS	1	28/08/1997

FID	Sheet	NameID	Taxon	Cons_Cod e	Plant_Desc	Site	Vegetation	Frequency	Notes	Geo_Met hod	Precision	Date
47383	2955792	12590	Stylidium lowrieanum	3						AUTO	3	/10/1905
47387	7751036	12590	Stylidium lowrieanum	3	Perennial herb 6-15 cm high with one whorl of scape bracts. Corolla lobes vertically-paired, white to pale pink.	Brown sand over limestone.	Agonis shrubland with Stylidium fasciculatum.	occasional.		GPS	2	28/11/1995
47392	3056651	12590	Stylidium lowrieanum	3	Tall trigger plant to 50 cm; leaves in basal rosette; corolla pale pink.		In Karri forest.			MAN	3	13/11/1993
47393	3051188	12590	Stylidium lowrieanum	3	Perennial herb.	Soil: Dark brown sand. Topography: Well drained slight WNW facing slope. Geology: Late Pleistocene coastal limestone.	Vegetation: Agonis flexuosa, Xanthorrhoea preissii Scrub over mixed Low Heath C.			MAN	2	25/11/1989
47971	7239785	33105	Stylidium sp. Scott River Plain (N.G. Marchant 74/23)	1						TOPO	3	22/01/1974
48150	3055728	20603	Stylidium trudgenii	3	tufted perennial herb, 500mm high, flowers pink mauve	sand depression	leptocarpus agonis wetland		uncommon	MAN	0	2/01/1991
49099	8285527	17271	Synaphea macrophylla	1	Prostrate plant with very large lobed leaves, pale green. Yellow flowers on tall stems.	Slight slope. Orange gravelly clay loam over laterite.	Woodland. With Corymbia calophylla, Daviesia cordata, Eucalyptus marginata, Leucopogon verticillatus, Mirbelia dilata.			GPS	1	30/11/2009
49105	4422643	17271	Synaphea macrophylla	1	Clumped shrub with ascending stems; rachis reddish green or green; flowers bright yellow; no scent.	In gravelly loam.	In Jarrah/Marri forest.			AUTO	4	21/10/1993
49106	5351758	17271	Synaphea macrophylla	1	Erect compact perennial shrub, height to 40 cm, width to 35 cm; flowers yellow; immature fruits present; deep tap root.	Hill; bare to littered yellow sandy loam.	Road culvert.		Population flowering: 70%. (91+ plants)	GPS	1	11/10/2000
49107	5351596	17271	Synaphea macrophylla	1	Erect compact perennial shrub, height to 40 cm, width to 40 cm; flowers yellow; deep tap root.	Undulating plain; bare to littered brown sandy clay over laterite.	Open forest with Corymbia calophylla, Agonis flexuosa, Daviesia cordata, Mirbelia dilatata, Eucalyptus marginata.	locally frequent.	80% of population flowering.	GPS	1	11/10/2000
49109	7224575	17271	Synaphea macrophylla	1	Prostrate plant with very large lobed leaves, pale green. Yellow flowers on tall stems.	Slight slope. Orange gravelly clay loam. Laterite. Plants located on disturbed road edge and into bushland.	Woodland. Eucalyptus marginata, E. calophylla, Mirbelia dilata, Astroloma sp. Nannup, Leucopogon verticillatus, Daviesia cordata.	100+ plants.	Most fruits predated or aborted. Otherwise population is very healthy.	GPS	1	11/12/2001
49110	7836872	17271	Synaphea macrophylla	1	Leaves dark green, very broad with tapering base. Inflorescences with old flowers and second set of buds developing. Flowers opening narrowly and stigma oblong.	Strongly undulating topography, mid-slope. Laterite substrate with grey sand.	Eucalyptus woodland.	infrequent.		UNK	3	12/10/2000
49114	4422694	17270	Synaphea nexosa	1	Clumped, very dense; inflorescences held well above foliage; rachis red; flowers mid-yellow.	On clay-loam flat.	In mixed scrub.			MAN	0	21/10/1993

FID	Sheet	NameID	Taxon	Cons_Cod e	Plant_Desc	Site	Vegetation	Frequency	Notes	Geo_Met hod	Precision	Date
49115	5351731	17270	Synaphea nexosa	1	Erect, open to compact, perennial shrub, height to 40 cm, width to 40 cm; flowers yellow; plant overgrown and stressed.	Wetland; soggy brown sandy loam; disturbance (weeds) from powerline and road verge.	Weedy road verge.	locally occasional.	Population flowering: 100%. (12 plus plants).	GPS	1	11/10/2000
49116	5351820	17270	Synaphea nexosa	1	Erect perennial shrub, height to 40 cm, width to 40 cm.	Wetland; road verge, brown clayey sand.	Shrubland.	locally occasional.	Population flowering: 100%. (9 plants). Floristic richness: 0-20 species.	GPS	0	11/10/2000
49117	8035776	17270	Synaphea nexosa	1	Erect, clumped shrub. Inflorescences greatly exceeding leaves, late flowering stage. Fruits developing, red on one side, neck prominent. Flowers somewhat compressed laterally, opening more narrowly than <i>S. petiolaris</i> , apices of tepals not strongly reflex	Clayey, flat area; Scott Plain. Degraded.	Remnant; Jarrah, <i>Agonis flexuosa</i> , <i>Viminaria juncea</i> , <i>Xanthorrhoea preissii</i> , <i>Lepidosperma</i> , <i>Synaphea ?petiolaris</i> .	occasional, <20 plants.		GPS	1	9/12/2008
49118	8114013	17270	Synaphea nexosa	1	Dwarf shrub 60 cm tall. Flowers opening widely. Juvenile leaves red-brown and glabrous. Fruits glabrous, reddening. Inflorescence exceeding leaves. Stigma distinctly formed with more or less incurved lobes.	Flat, seasonally wet area, lying below level of road. Grey-brown sand.	Disturbed roadside remnant. <i>Xanthorrhoea preissii</i> , <i>Restionaceae</i> , <i>Fabaceae</i> .	rare, ca 5 plants seen.		GPS	1	12/10/1997
49119	4422708	17270	Synaphea nexosa	1	Clumped, very dense; inflorescences held well above foliage; rachis red; flowers mid-yellow.	On clay-loam flat.	In mixed scrub.			MAN	0	21/10/1993
49120	4422686	17270	Synaphea nexosa	1	Clumped, very dense; inflorescences held well above foliage; rachis red; flowers mid-yellow.	On clay-loam flat.	In mixed scrub.			MAN	0	21/10/1993
49498	4634659	18591	Synaphea sp. Redgate Road (J. Scott 16)	1	Sprawling, with many stems; rachis green; perianth yellow.	In gravel-loam.	In Marri forest.			MAN	0	21/10/1993
49500	5145627	18591	Synaphea sp. Redgate Road (J. Scott 16)	1	Compact, spreading shrub 50 cm high x 50 cm wide.	Wetland - road verge, winter wet. Litter, grey clay.	Woodland, Dense Low Heath D, Jarrah, Marri, <i>Hibbertia hypericoides</i> .		Abundance: locally abundant. Grows in wet conditions along roadside ditches.	MAN	0	17/07/1998
51516	8032157	1327	Thysanotus cymosus	3	Tuberous perennial herb, 20/40 cm high. Flowers purple, anthers black, in full flower.	Winter wet flats - sandy rise. Black peaty sand over clay.	<i>Kunzea</i> shrubland over <i>Anarthria scabra</i> sedgeland.	scattered.		GPS	1	17/11/2007
52341	1984772	44444	Tripterococcus sp. <i>Brachylobus</i> (A.S. George 14234)	4	Tall herb, 650 mm high, flowers green-yellow.	Depression shallow, sandy clay.	Pericalymma - <i>Leptocarpus</i> woodland.		Abundance: Uncommon.	AUTO	3	2/01/1991
53554	5508401	6093	<i>Verticordia lehmannii</i>	4						MAN	0	30/04/1992

FID	Sheet	NameID	Taxon	Cons_Cod e	Plant_Desc	Site	Vegetation	Frequency	Notes	Geo_Met hod	Precision	Date
53565	4849434	6093	Verticordia lehmannii	4	Perennial. Erect open shrub, 40 cm high. Flowers pink. Single stem at ground level. Plant active, healthy.	Site: Lowland. Soil Surface: Covered in swamp vegetation, sandy. Soil Colour: Dark Grey Soil Texture: Sand Comments: None pH: 5.00 No Rock Outcrop Fire History: 1993-94 Season: Unknown Type: Unknown	Low open woodland.		Abundance: locally frequent. Ca 2% of population flowering.	GPS	1	26/08/1997
53573	1086502	6093	Verticordia lehmannii	4	Shrub 30-60 cm x 10-30 cm. Flowers pinkish-purple with white reflexed lobes.	Grey sand and clay.			Abundance: 50-100 plants in a very small area (20 x 10 m). This specimen was collected for painting.	MAN	3	23/04/1983
53574	2579642	6093	Verticordia lehmannii	4	Flowers pink.	Base of grey sand ridge.	Low heath D and Low sedges in 5-10 m zone.			MAN	3	28/04/1992

APPENDIX 2

Atlas of Living Australia Report

Species	Species Name	Scientific Name	Authorship	Taxon Rank	Kingdom	Phylum	Class	Order	Family	Vernacular Name	Conservation	Invasive
https://id.biodiversity.org.au/node/apni/2891427	Caladenia huegelii	Rchb.f.		species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae		Western Australia ; Conservation status EPBC Act Threatened Species	
https://id.biodiversity.org.au/name/apni/29100	Caladenia interjacens	Hopper & A.P.Br.		species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae		Western Australia ; Conservation status	
https://id.biodiversity.org.au/node/apni/2901628	Dampiera heteroptera	Rajput & Carolin		species	Plantae	Charophyta	Equisetopsida	Asterales	Goodeniaceae		Western Australia ; Conservation status	
https://id.biodiversity.org.au/node/apni/2893323	Hydrocotyle sp. Hamelinensis (G.J.Keighery s.n. (PERTH 02391325))	WA Herbarium		species	Plantae	Charophyta	Equisetopsida	Apiales	Araliaceae		Western Australia ; Conservation status	
https://id.biodiversity.org.au/node/apni/2908083	Lepyrodia extensa	B.G.Briggs & L.A.S.Johnson		species	Plantae	Charophyta	Equisetopsida	Poales	Restionaceae		Western Australia ; Conservation status	
https://id.biodiversity.org.au/node/apni/2914568	Meeboldina thysanantha MS	L.A.S.Johnson & B.G.Briggs		species	Plantae	Charophyta	Equisetopsida	Poales	Restionaceae		Western Australia ; Conservation status	
https://id.biodiversity.org.au/node/apni/2901117	Stylidium gloeophyllum	Wege		species	Plantae	Charophyta	Equisetopsida	Asterales	Stylidiaceae		Western Australia ; Conservation status	
https://id.biodiversity.org.au/node/apni/2899602	Cardamine moirensis	I.Thomps.		species	Plantae	Charophyta	Equisetopsida	Brassicales	Brassicaceae	Riverina Bitter-cress	Victoria : Conservation Status	
https://id.biodiversity.org.au/name/apni/81674	Corybas despectans	D.L.Jones & R.C.Nash		species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae	Sandhill Helmet Orchid	Victoria : Conservation Status	
https://id.biodiversity.org.au/node/apni/2905235	Deyeuxia quadriseta	(Labill.) Benth.		species	Plantae	Charophyta	Equisetopsida	Poales	Poaceae	Bent grass	Victoria : Conservation Status	
https://id.biodiversity.org.au/node/ausmoss/10070703	Dicranoloma diaphanoneuron	(Hampe) Paris		species	Plantae	Bryophyta	Bryopsida	Dicranales	Dicranaceae	Diaphanous Fork-moss	Victoria : Conservation Status	
https://id.biodiversity.org.au/node/apni/2891342	Levenhookia pusilla	R.Br.		species	Plantae	Charophyta	Equisetopsida	Asterales	Stylidiaceae	Midget Stylewort	Victoria : Conservation Status	
https://id.biodiversity.org.au/node/apni/2907149	Pelargonium littorale	H&A gel ex Endl.		species	Plantae	Charophyta	Equisetopsida	Geraniales	Geraniaceae	Coast Stork's-bill	Victoria : Conservation Status	
https://id.biodiversity.org.au/node/apni/2902063	Poa poiformis	(Labill.) Druce		species	Plantae	Charophyta	Equisetopsida	Poales	Poaceae	Blue Tussock Grass	Victoria : Conservation Status	
https://id.biodiversity.org.au/node/apni/2891336	Triglochin trichophora	Nees		species	Plantae	Charophyta	Equisetopsida	Alismatales	Juncaginaceae	Torpedo Arrowgrass	Victoria : Conservation Status	
https://id.biodiversity.org.au/node/apni/2912261	Acrotriche cordata	(Labill.) R.Br.		species	Plantae	Charophyta	Equisetopsida	Ericales	Ericaceae	Coast Ground Berry	Tasmania : Conservation Status Victoria : Conservation Status	
https://id.biodiversity.org.au/node/apni/2888724	Parietaria debilis	G.Forst.		species	Plantae	Charophyta	Equisetopsida	Rosales	Urticaceae		Tasmania : Conservation Status Queensland : Conservation Status Northern Territory : Conservation Status ACT Rare Plant List	
https://id.biodiversity.org.au/node/apni/2916674	Centipeda cunninghamii	(DC.) A.Braun & Asch.		species	Plantae	Charophyta	Equisetopsida	Asterales	Asteraceae		Tasmania : Conservation Status Queensland : Conservation Status Northern Territory : Conservation Status	
https://id.biodiversity.org.au/taxon/apni/51291672	Persicaria decipiens	(R.Br.) K.L.Wilson		species	Plantae	Charophyta	Equisetopsida	Caryophyllales	Polygonaceae		Tasmania : Conservation Status Queensland : Conservation Status Northern Territory : Conservation Status	
https://id.biodiversity.org.au/node/apni/7386160	Schenkia australis	(R.Br.) G.Mans.		species	Plantae	Charophyta	Equisetopsida	Gentianales	Gentianaceae		Tasmania : Conservation Status Queensland : Conservation Status Northern Territory : Conservation Status	
https://id.biodiversity.org.au/node/apni/2920067	Sporobolus virginicus	(L.) Kunth		species	Plantae	Charophyta	Equisetopsida	Poales	Poaceae	Seashore dropseed	Tasmania : Conservation Status Queensland : Conservation Status Northern Territory : Conservation Status	GRIIS - Global Register of Introduced and Invasive Species - Australia
https://id.biodiversity.org.au/node/apni/2893374	Tricoryne elatior	R.Br.		species	Plantae	Charophyta	Equisetopsida	Asparagales	Hemerocallidaceae		Tasmania : Conservation Status Queensland : Conservation Status Northern Territory : Conservation Status	
https://id.biodiversity.org.au/taxon/apni/51266490	Alternanthera denticulata	R.Br.		species	Plantae	Charophyta	Equisetopsida	Caryophyllales	Amaranthaceae	Lesser joyweed	Tasmania : Conservation Status Northern Territory : Conservation Status	
https://id.biodiversity.org.au/node/apni/2906496	Chorizandra enodis	Nees		species	Plantae	Charophyta	Equisetopsida	Poales	Cyperaceae	Black Bristle Rush	Tasmania : Conservation Status	
https://id.biodiversity.org.au/node/apni/2892738	Lobelia rhombifolia	de Vriese		species	Plantae	Charophyta	Equisetopsida	Asterales	Campanulaceae	Tufted Lobelia	Tasmania : Conservation Status	
https://id.biodiversity.org.au/node/apni/2914299	Phyllangium divergens	(Hook.f.) Dunlop		species	Plantae	Charophyta	Equisetopsida	Gentianales	Loganiaceae	Wiry Mitrewort	Tasmania : Conservation Status	
https://id.biodiversity.org.au/node/apni/2886928	Podotheca angustifolia	(Labill.) Less.		species	Plantae	Charophyta	Equisetopsida	Asterales	Asteraceae	Sticky Heads	Tasmania : Conservation Status	
https://id.biodiversity.org.au/node/apni/8453517	Utricularia tenella	R.Br.		species	Plantae	Charophyta	Equisetopsida	Lamiales	Lentibulariaceae	Pink Bladderwort	Tasmania : Conservation Status	
https://id.biodiversity.org.au/taxon/apni/51316831	Pterostylis tasmanica	D.L.Jones		species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae		South Australia : Conservation Status Victoria : Conservation Status New Zealand Sensitive Species List for Vascular Plants	
https://id.biodiversity.org.au/node/apni/2917094	Leptorhynchos scaber	(Benth.) Haegi		species	Plantae	Charophyta	Equisetopsida	Asterales	Asteraceae	Annual Buttons	South Australia : Conservation Status Victoria : Conservation Status	
https://id.biodiversity.org.au/node/apni/2898687	Picris squarrosa	Steetz		species	Plantae	Charophyta	Equisetopsida	Asterales	Asteraceae	Squat Picris	South Australia : Conservation Status Victoria : Conservation Status	

Species	Species Name	Scientific Name Authority	Taxon Rank	Kingdom	Phylum	Class	Order	Family	Vernacular Name	Conservation	Invasive
https://id.biodiversity.org.au/node/apni/2886180	<i>Poa drummondiana</i>	Nees	species	Plantae	Charophyta	Equisetopsida	Poales	Poaceae	Knotted Poa	South Australia : Conservation Status Victoria : Conservation Status	
https://id.biodiversity.org.au/node/apni/2896373	<i>Asplenium trichomanes</i>	L.	species	Plantae	Charophyta	Equisetopsida	Polypodiales	Aspleniaceae	Common Splenwort	South Australia : Conservation Status Tasmania : Conservation Status Victoria : Conservation Status ACT Rare Plant List New Zealand Sensitive Species List for Vascular Plants	Global Invasive Species Information Network (GISIN)
https://id.biodiversity.org.au/node/apni/2905984	<i>Utricularia violacea</i>	R.Br.	species	Plantae	Charophyta	Equisetopsida	Lamiales	Lentibulariaceae	Violet Bladderwort	South Australia : Conservation Status Tasmania : Conservation Status Victoria : Conservation Status	
https://id.biodiversity.org.au/node/apni/2904505	<i>Viminaria juncea</i>	(Schrad. & J.C.Wendl.) Hoffmanns.	species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae		South Australia : Conservation Status Tasmania : Conservation Status Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/2911719	<i>Gratiola pubescens</i>	R.Br.	species	Plantae	Charophyta	Equisetopsida	Lamiales	Plantaginaceae	Austral Brooklime	South Australia : Conservation Status Tasmania : Conservation Status	
https://id.biodiversity.org.au/node/apni/2892177	<i>Stypandra glauca</i>	R.Br.	species	Plantae	Charophyta	Equisetopsida	Asparagales	Hemerocallidaceae		South Australia : Conservation Status Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/2903464	<i>Lobelia heterophylla</i>	Labill.	species	Plantae	Charophyta	Equisetopsida	Asterales	Campanulaceae	Wing-seeded Lobelia	South Australia : Conservation Status Northern Territory : Conservation Status	
https://id.biodiversity.org.au/node/apni/2908930	<i>Hydrocotyle diantha</i>	DC.	species	Plantae	Charophyta	Equisetopsida	Apiales	Araliaceae	Kangaroo Island Pennywort	South Australia : Conservation Status	
https://id.biodiversity.org.au/node/apni/2886608	<i>Isotoma scapigera</i>	(R.Br.) G.Don	species	Plantae	Charophyta	Equisetopsida	Asterales	Campanulaceae	Long-scaped Isotome	South Australia : Conservation Status	
https://id.biodiversity.org.au/node/apni/2899003	<i>Meionectes brownii</i>	Hook.f.	species	Plantae	Charophyta	Equisetopsida	Saxifragales	Haloragaceae	Swamp Raspwort	South Australia : Conservation Status	
https://id.biodiversity.org.au/node/apni/2893288	<i>Phyllanthus calycinus</i>	Labill.	species	Plantae	Charophyta	Equisetopsida	Malpighiales	Phyllanthaceae	False Boronia	South Australia : Conservation Status	
https://id.biodiversity.org.au/node/apni/2914852	<i>Polypogon tenellus</i>	R.Br.	species	Plantae	Charophyta	Equisetopsida	Poales	Poaceae		South Australia : Conservation Status	GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species
https://id.biodiversity.org.au/name/apni/87231	<i>Prasophyllum calcicola</i>	R.J.Bates	species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae		South Australia : Conservation Status	
https://id.biodiversity.org.au/node/apni/2903041	<i>Kennedia lateritia</i>	F.Muell.	species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae		Queensland : Conservation Status Western Australia : Conservation status EPBC Act Threatened Species	
https://id.biodiversity.org.au/node/apni/2897673	<i>Acacia inops</i>	Maiden & Blakely	species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae		Queensland : Conservation Status Western Australia ; Conservation status	
https://id.biodiversity.org.au/node/apni/2896685	<i>Acacia subracemosa</i>	Maslin	species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae	Western Karri Wattle	Queensland : Conservation Status Western Australia ; Conservation status	
https://id.biodiversity.org.au/node/apni/2910812	<i>Bossiaea disticha</i>	Lindl.	species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae		Queensland : Conservation Status Western Australia ; Conservation status	
https://id.biodiversity.org.au/node/apni/2895742	<i>Pteris vittata</i>	L.	species	Plantae	Charophyta	Equisetopsida		Pteridaceae	Chinese brake	Queensland : Conservation Status Victoria : Conservation Status Northern Territory : Conservation Status	GRIIS - Global Register of Introduced and Invasive Species - Australia Global Invasive Species Information Network (GISIN)
https://id.biodiversity.org.au/taxon/apni/51311522	<i>Roepera similis</i>	(H.Eichler) Beier & Thulin	species	Plantae	Charophyta	Equisetopsida	Zygophyllales	Zygophyllaceae		Queensland : Conservation Status Victoria : Conservation Status Northern Territory : Conservation Status	
https://id.biodiversity.org.au/node/apni/2886585	<i>Beyeria viscosa</i>	(Labill.) Miq.	species	Plantae	Charophyta	Equisetopsida	Malpighiales	Euphorbiaceae		Queensland : Conservation Status Victoria : Conservation Status	
https://id.biodiversity.org.au/node/apni/2920854	<i>Isolepis cernua</i>	(Vahl) Roem. & Schult.	species	Plantae	Charophyta	Equisetopsida	Poales	Cyperaceae		Queensland : Conservation Status Victoria : Conservation Status	GRIIS - Global Register of Introduced and Invasive Species - Australia
https://id.biodiversity.org.au/node/apni/2901796	<i>Daucus glochidiatus</i>	(Labill.) Fisch., C.A.Mey. & Ave-Lall.	species	Plantae	Charophyta	Equisetopsida	Apiales	Apiaceae	Pinaki	Queensland : Conservation Status Northern Territory : Conservation Status New Zealand Sensitive Species List for Vascular Plants	GRIIS - Global Register of Introduced and Invasive Species - Australia
https://id.biodiversity.org.au/node/ausmoss/10059274	<i>Barbula calycina</i>	Schw&agr.	species	Plantae	Bryophyta	Bryopsida	Pottiales	Pottiaceae		Queensland : Conservation Status Northern Territory : Conservation Status	
https://id.biodiversity.org.au/taxon/apni/51267823	<i>Brachyscome iberidifolia</i>	Benth.	species	Plantae	Charophyta	Equisetopsida	Asterales	Asteraceae		Queensland : Conservation Status Northern Territory : Conservation Status	
https://id.biodiversity.org.au/node/ausmoss/10066620	<i>Campylopus introflexus</i>	(Hedw.) Brid.	species	Plantae	Bryophyta	Bryopsida	Dicranales	Leucobryaceae		Queensland : Conservation Status Northern Territory : Conservation Status	
https://id.biodiversity.org.au/node/apni/2911592	<i>Carex fascicularis</i>	Sol. ex Boott	species	Plantae	Charophyta	Equisetopsida	Poales	Cyperaceae		Queensland : Conservation Status Northern Territory : Conservation Status	
https://id.biodiversity.org.au/node/apni/2916573	<i>Cyperus laevigatus</i>	L.	species	Plantae	Charophyta	Equisetopsida	Poales	Cyperaceae		Queensland : Conservation Status Northern Territory : Conservation Status	

Species	Species Name	Scientific Name Authority	Taxon Rank	Kingdom	Phylum	Class	Order	Family	Vernacular Name	Conservation	Invasive
https://id.biodiversity.org.au/node/apni/2/898676	Exocarpos sparteus	R.Br.	species	Plantae	Charophyta	Equisetopsida	Santalales	Santalaceae		Queensland : Conservation Status Northern Territory : Conservation Status	
https://id.biodiversity.org.au/node/ausmoss/10086811	Gymnostomum calcareum	Nees & Hornsch.	species	Plantae	Bryophyta	Bryopsida	Pottiales	Pottiaceae		Queensland : Conservation Status Northern Territory : Conservation Status	
https://id.biodiversity.org.au/node/apni/2/919217	Lachnagrostis filiformis	(G.Forst.) Trin.	species	Plantae	Charophyta	Equisetopsida	Poales	Poaceae	Perehia	Queensland : Conservation Status Northern Territory : Conservation Status	Global Invasive Species Information Network (GISIN)
https://id.biodiversity.org.au/node/apni/2/920431	Lobelia gibbosa	Labill.	species	Plantae	Charophyta	Equisetopsida	Asterales	Campanulaceae		Queensland : Conservation Status Northern Territory : Conservation Status	
https://id.biodiversity.org.au/node/apni/2/907634	Medicago polymorpha	L.	species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae		Queensland : Conservation Status Northern Territory : Conservation Status	GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species Global Invasive Species Information Network (GISIN)
https://id.biodiversity.org.au/node/apni/2/886103	Melilotus indicus	(L.) All.	species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae		Queensland : Conservation Status Northern Territory : Conservation Status	GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species
https://id.biodiversity.org.au/node/apni/2/894269	Oxalis perennans	Haw.	species	Plantae	Charophyta	Equisetopsida	Oxalidales	Oxalidaceae		Queensland : Conservation Status Northern Territory : Conservation Status	GRIIS - Global Register of Introduced and Invasive Species - Australia
https://id.biodiversity.org.au/node/apni/2/905928	Poranthera microphylla	Brongn.	species	Plantae	Charophyta	Equisetopsida	Malpighiales	Phyllanthaceae		Queensland : Conservation Status Northern Territory : Conservation Status	
https://id.biodiversity.org.au/node/apni/7/061040	Pseudognaphalium luteoalbum	(L.) Hilliard & B.L.Burtt	species	Plantae	Charophyta	Equisetopsida	Asterales	Asteraceae	Pukatea	Queensland : Conservation Status Northern Territory : Conservation Status	
https://id.biodiversity.org.au/node/apni/2/915568	Streptoglossa liatroides	(Turcz.) Dunlop	species	Plantae	Charophyta	Equisetopsida	Asterales	Asteraceae		Queensland : Conservation Status Northern Territory : Conservation Status	
https://id.biodiversity.org.au/node/apni/2/912188	Actites megalocarpus	(Hook.f.) Lander	species	Plantae	Charophyta	Equisetopsida	Asterales	Asteraceae		Queensland : Conservation Status New Zealand Sensitive Species List for Vascular Plants	
https://id.biodiversity.org.au/node/apni/2/896508	Senecio hispidulus	A.Rich.	species	Plantae	Charophyta	Equisetopsida	Asterales	Asteraceae		Queensland : Conservation Status New Zealand Sensitive Species List for Vascular Plants	
https://id.biodiversity.org.au/node/apni/2/908591	Sphaerolobium vimineum	Sm.	species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae		Queensland : Conservation Status ACT Rare Plant List	
https://id.biodiversity.org.au/name/apni/16042	Thelymitra nuda	R.Br.	species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae		Queensland : Conservation Status ACT Rare Plant List	
https://id.biodiversity.org.au/node/apni/2/905053	Acacia alata	R.Br.	species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/2/889160	Acacia browniana	H.L.Wendl.	species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/2/908914	Acacia cochlearis	(Labill.) H.L.Wendl.	species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/2/888190	Acacia cyclops	A.Cunn. ex G.Don	species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae		Queensland : Conservation Status	GRIIS - Global Register of Introduced and Invasive Species - Australia
https://id.biodiversity.org.au/node/apni/2/897063	Acacia divergens	Benth.	species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/2/904648	Acacia extensa	Lindl.	species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/2/900213	Acacia gilbertii	Meisn.	species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/2/914671	Acacia littorea	Maslin	species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/taxon/apni/5/1286955	Acacia longifolia	(Andrews) Willd.	species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae		Queensland : Conservation Status	GRIIS - Global Register of Introduced and Invasive Species - Australia
https://id.biodiversity.org.au/node/apni/2/901160	Acacia myrtifolia	(Sm.) Willd.	species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/taxon/apni/5/1287044	Acacia pulchella	R.Br.	species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae	Prickly Moses	Queensland : Conservation Status	GRIIS - Global Register of Introduced and Invasive Species - Australia
https://id.biodiversity.org.au/node/apni/2/886690	Acacia rostellifera	Benth.	species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/2/907533	Acacia uliginosa	Maslin	species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/2/894580	Acacia urophylla	Benth.	species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/taxon/apni/5/1299839	Aotus cordifolia	Benth.	species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/2/915386	Bossiaea eriocarpa	Benth.	species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/2/888058	Bossiaea linophylla	R.Br.	species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/2/893021	Bossiaea rufa	R.Br.	species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae		Queensland : Conservation Status	

Species	Species Name	Scientific Name	Authorship	Taxon Rank	Kingdom	Phylum	Class	Order	Family	Vernacular Name	Conservation	Invasive
https://id.biodiversity.org.au/node/apni/2893560	Bulbine semibarbata	(R.Br.) Haw.		species	Plantae	Charophyta	Equisetopsida	Asparagales	Asphodelaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/2890796	Burchardia umbellata	R.Br.		species	Plantae	Charophyta	Equisetopsida	Liliales	Colchicaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/2893819	Callistachys lanceolata	Vent.		species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae		Queensland : Conservation Status	GRIIS - Global Register of Introduced and Invasive Species - Australia
https://id.biodiversity.org.au/node/apni/2891269	Centrolepis fascicularis	Labill.		species	Plantae	Charophyta	Equisetopsida	Poales	Centrolepidaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/node/ausmoss/2893573	Cephalozia hirta	(Steph.) R.M.Schust.		species	Plantae	Marchantiophyta	Jungermanniopsida	Jungermanniales	Cephaloziellaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/2903296	Chorizandra cymbaria	R.Br.		species	Plantae	Charophyta	Equisetopsida	Poales	Cyperaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/354183	Chorizema cordatum	Lindl.		species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/2902156	Chorizema diversifolium	A.DC.		species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/2914322	Chorizema illicifolium	Labill.		species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/2920473	Chorizema rhombeum	R.Br.		species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/name/apni/20752	Cladia aggregata	(Sw.) Nyl.		species	Plantae						Queensland : Conservation Status	
https://id.biodiversity.org.au/name/apni/22517	Cladia schizopora	(Nyl.) Nyl.		species	Plantae						Queensland : Conservation Status	
https://id.biodiversity.org.au/name/apni/27339	Collema glaucophthalmum	Nyl.		species	Plantae				Collemataceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/6979038	Craspedia variabilis	J.Everett & Doust		species	Plantae	Charophyta	Equisetopsida	Asterales	Asteraceae		Queensland : Conservation Status	
55095017	Cryptonemia undulata	Sonder		species	Plantae	Rhodophyta	Florideophyceae	Halymeniales	Halymeniaceae		Queensland : Conservation Status	
55106001	Curdiea angustata	(Sonder) A.J.K.Millar		species	Plantae	Rhodophyta	Florideophyceae	Gracilariales	Gracilariaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/2892431	Daviesia inflata	Crisp		species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/2901294	Dichelachne crinita	(L.f.) Hook.f.		species	Plantae	Charophyta	Equisetopsida	Poales	Poaceae	Plume grass	Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/2886410	Dichondra repens	J.R.Forst. & G.Forst.		species	Plantae	Charophyta	Equisetopsida	Solanales	Convolvulaceae	Creeping dichondra	Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/2898321	Dichotomaria marginata	(J.Ellis & Sol.) Lam.		species	Plantae	Rhodophyta	Florideophyceae	Nemaliales	Galaxauraceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/255130002	Dipogon lignosus	(L.) Verdc.		species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae	mile-a-minute	Queensland : Conservation Status	GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species
https://id.biodiversity.org.au/taxon/apni/51300117	Euptilota articulata	(J.Agardh) F.Schmitz		species	Plantae	Rhodophyta	Florideophyceae	Ceramiales	Callithamniaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/2911963	Eutaxia epacrioides	Meisn.		species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/2909747	Eutaxia myrtifolia	(Sm.) R.Br.		species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/2899214	Ficinia nodosa	(Rottb.) Goetgh., Muasya & D.A.Simpson		species	Plantae	Charophyta	Equisetopsida	Poales	Cyperaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/2899214	Genista monspessulana	(L.) L.A.S.Johnson		species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae		Queensland : Conservation Status	GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species Weeds of National Significance (WoNS) as at Feb. 2013 Weeds Listing. Queensland Government National Weeds Lists Global Invasive Species Information Network (GISIN)
https://id.biodiversity.org.au/node/apni/2917378	Gompholobium polymorphum	R.Br.		species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae		Queensland : Conservation Status	
55106020	Gracilaria preissiana	(Sonder) Womersley		species	Plantae	Rhodophyta	Florideophyceae	Gracilariales	Gracilariaceae		Queensland : Conservation Status	
55121022	Haliptilon roseum	(Lamarck) Garbary & Johansen		species	Plantae	Rhodophyta	Florideophyceae	Corallinales	Corallinaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/2912367	Hardenbergia comptoniana	(Andrews) Benth.		species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae		Queensland : Conservation Status	GRIIS - Global Register of Introduced and Invasive Species - Australia
https://id.biodiversity.org.au/instance/ausmoss/10144112	Hedwigidium integrifolium	(P.Beauv.) Dixon		species	Plantae	Bryophyta	Bryopsida	Hedwigiales	Hedwigiaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/2903052	Hovea chorizemifolia	DC.		species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/2915992	Hovea elliptica	(Sm.) DC.		species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/29442728	Isotropis cuneifolia	(Sm.) Walp.		species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/2902225	Jacksonia horrida	DC.		species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/2910276	Juncus planifolius	R.Br.		species	Plantae	Charophyta	Equisetopsida	Poales	Juncaceae		Queensland : Conservation Status	GRIIS - Global Register of Introduced and Invasive Species - Australia
https://id.biodiversity.org.au/node/apni/2893596	Kennedia carinata	(Benth.) Van Houtte		species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/238218	Kennedia coccinea	(Curtis) Vent.		species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/2919218	Lathyrus latifolius	L.		species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae		Queensland : Conservation Status	GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species
https://id.biodiversity.org.au/node/apni/55133011	Laurencia brongniartii	J.Agardh		species	Plantae	Rhodophyta	Florideophyceae	Ceramiales	Rhodomelaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/55133011	Lenormandia spectabilis	Sonder		species	Plantae	Rhodophyta			Rhodomelaceae		Queensland : Conservation Status	

Species	Species Name	Scientific Name Authorship	Taxon Rank	Kingdom	Phylum	Class	Order	Family	Vernacular Name	Conservation	Invasive
https://id.biodiversity.org.au/node/apni/2905839	Leptospermum laevigatum	(Gaertn.) F.Muell.	species	Plantae	Charophyta	Equisetopsida	Myrtales	Myrtaceae	coast tea tree	Queensland : Conservation Status	GRIIS - Global Register of Introduced and Invasive Species - Australia Global Invasive Species Information Network (GISIN)
https://id.biodiversity.org.au/node/apni/2886078	Leucopogon parviflorus	(Andrews) Lindl.	species	Plantae	Charophyta	Equisetopsida	Ericales	Ericaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/2891182	Linum marginale	A.Cunn.	species	Plantae	Charophyta	Equisetopsida	Malpighiales	Linaceae		Queensland : Conservation Status	GRIIS - Global Register of Introduced and Invasive Species - Australia
https://id.biodiversity.org.au/node/apni/2909260	Lobelia anceps	L.f.	species	Plantae	Charophyta	Equisetopsida	Asterales	Campanulaceae	Punakuru	Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/2886127	Lotus angustissimus	L.	species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae		Queensland : Conservation Status	GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species
https://id.biodiversity.org.au/node/apni/2893373	Lotus subbiflorus	Lag.	species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae		Queensland : Conservation Status	GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species
https://id.biodiversity.org.au/name/apni/74195	Microtis unifolia	(G.Forst.) Rchb.f.	species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae	Common onion orchid	Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/2886391	Mirbelia dilatata	R.Br. ex Dryand.	species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/2920461	Oxalis exilis	A.Cunn.	species	Plantae	Charophyta	Equisetopsida	Oxalidales	Oxalidaceae		Queensland : Conservation Status	GRIIS - Global Register of Introduced and Invasive Species - Australia
https://id.biodiversity.org.au/taxon/apni/51286820	Paraserianthes lophantha	(Willd.) I.C.Nielsen	species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae	Plume albizia	Queensland : Conservation Status	GRIIS - Global Register of Introduced and Invasive Species - Australia
https://id.biodiversity.org.au/node/apni/2911110	Pelargonium australe	Willd.	species	Plantae	Charophyta	Equisetopsida	Geraniales	Geraniaceae		Queensland : Conservation Status	GRIIS - Global Register of Introduced and Invasive Species - Australia
https://id.biodiversity.org.au/taxon/apni/51249803	Peyssonnelia capensis	Mont.	species	Plantae	Rhodophyta	Florideophyceae	Peyssonneliales	Peyssonneliaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/2889274	Pteridium esculentum	(G.Forst.) Cockayne	species	Plantae	Charophyta	Equisetopsida	Polypodiales	Dennstaedtiaceae	Manehu	Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/2888651	Pultenaea brachytrypis	Benth.	species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/taxon/apni/51285711	Pultenaea ericifolia	Benth. ex Lindl.	species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/2895388	Pultenaea reticulata	(Sm.) Benth.	species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/node/ausmo ss/10110301	Rosulabryum albolimbatum	(Hampe) J.R.Spence	species	Plantae	Bryophyta	Bryopsida	Bryales	Bryaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/2903774	Samolus repens	(J.R.Forst. & G.Forst.) Pers.	species	Plantae	Charophyta	Equisetopsida	Ericales	Primulaceae	Māākoako	Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/2920819	Schoenus nitens	(R.Br.) Poir.	species	Plantae	Charophyta	Equisetopsida	Poales	Cyperaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/2907453	Sigesbeckia orientalis	L.	species	Plantae	Charophyta	Equisetopsida	Asterales	Asteraceae	Punawaru	Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/2893196	Sphaerolobium hygrophilum	R.Butcher	species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/2897832	Sphaerolobium nudiflorum	(Meisn.) Benth.	species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/2912060	Sphaerolobium racemosum	Benth.	species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/2896952	Stackhousia monogyna	Labill.	species	Plantae	Charophyta	Equisetopsida	Celastrales	Celastraceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/node/ausmo ss/10117643	Tayloria octoblepharum	(Hook.) Mitt.	species	Plantae	Bryophyta	Bryopsida	Splachnales	Splachnaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/2914196	Templetonia retusa	(Vent.) R.Br.	species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/name/apni/122570	Tetraria capillaris	(F.Muell.) J.M.Black	species	Plantae	Charophyta	Equisetopsida	Poales	Cyperaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/taxon/apni/5128570	Thelymitra pauciflora sensu	Cheeseman	species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/2886977	Thysanotrichum scutellatum	(Fr.) D.J.Galloway	species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/2905033	Triclecarpa cylindrica	(J.Ellis & Sol.) Huisman & Borow.	species	Plantae	Rhodophyta	Florideophyceae	Nemaliales	Galaxauraceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/node/apni/2893781	Trifolium campestre	Schreb.	species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae		Queensland : Conservation Status	GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species
https://id.biodiversity.org.au/node/apni/2893781	Trifolium subterraneum	L.	species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae		Queensland : Conservation Status	GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species
https://id.biodiversity.org.au/taxon/apni/51285764	Triglochin striata	Ruiz & Pav.	species	Plantae	Charophyta	Equisetopsida	Alismatales	Juncaginaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/taxon/apni/51267241	Vicia sativa	L.	species	Plantae	Charophyta	Equisetopsida	Fabales	Fabaceae		Queensland : Conservation Status	GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species
https://id.biodiversity.org.au/node/apni/2908064	Arctotheca calendula	(L.) K.Lewin	species	Plantae	Charophyta	Equisetopsida	Asterales	Asteraceae		Northern Territory : Conservation Status	GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species Global Invasive Species Information Network (GISIN)
https://id.biodiversity.org.au/node/apni/2891835	Briza maxima	L.	species	Plantae	Charophyta	Equisetopsida	Poales	Poaceae	Great quaking grass	Northern Territory : Conservation Status	GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species Global Invasive Species Information Network (GISIN)
https://id.biodiversity.org.au/node/apni/2891835	Bromus diandrus	Roth	species	Plantae	Charophyta	Equisetopsida	Poales	Poaceae		Northern Territory : Conservation Status	GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species Global Invasive Species Information Network (GISIN)

Species	Species Name	Scientific Name Authority	Taxon Rank	Kingdom	Phylum	Class	Order	Family	Vernacular Name	Conservation	Invasive
https://id.biodiversity.org.au/node/apni/2/893162	Cardamine hirsuta	L.	species	Plantae	Charophyta	Equisetopsida	Brassicales	Brassicaceae	Bitter cress	Northern Territory : Conservation Status	GRIIS - Global Register of Introduced and Invasive Species - Australia Global Invasive Species Information Network (GISIN)
https://id.biodiversity.org.au/node/apni/2/902145	Cenchrus clandestinus	(Hochst. ex Chiov.) Morrone	species	Plantae	Charophyta	Equisetopsida	Poales	Poaceae		Northern Territory : Conservation Status	GRIIS - Global Register of Introduced and Invasive Species - Australia Global Invasive Species Information Network (GISIN)
https://id.biodiversity.org.au/node/ausmo/ss/2896833	Chiloscyphus semiteres	(Lehm. & Lindenb.) Lehm. & Lindenb.	species	Plantae	Marchantiophyta	Jungermanniopsida	Jungermanniales	Lophocoleaceae		Northern Territory : Conservation Status	
https://id.biodiversity.org.au/node/apni/2/897232	Crassula colorata	(Nees) Ostenf.	species	Plantae	Charophyta	Equisetopsida	Saxifragales	Crassulaceae		Northern Territory : Conservation Status	
https://id.biodiversity.org.au/node/apni/2/889451	Echium plantagineum	L.	species	Plantae	Charophyta	Equisetopsida		Boraginaceae		Northern Territory : Conservation Status	GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species WA State Notifiable Pests National Weeds Lists Global Invasive Species Information Network (GISIN)
https://id.biodiversity.org.au/node/ausmo/ss/10075601	Entosthodon subnudus	(Taylor) Fife	species	Plantae	Bryophyta	Bryopsida	Funariales	Funariaceae		Northern Territory : Conservation Status	
https://id.biodiversity.org.au/node/apni/2/903803	Erodium cicutarium	(L.) L'H�r.	species	Plantae	Charophyta	Equisetopsida	Geraniales	Geraniaceae		Northern Territory : Conservation Status	GRIIS - Global Register of Introduced and Invasive Species - Australia Global Invasive Species Information Network (GISIN)
https://id.biodiversity.org.au/node/apni/2/894434	Hordeum glaucum	Steud.	species	Plantae	Charophyta	Equisetopsida	Poales	Poaceae		Northern Territory : Conservation Status	
https://id.biodiversity.org.au/node/apni/2/907367	Hypochoeris glabra	L.	species	Plantae	Charophyta	Equisetopsida	Asterales	Asteraceae	smooth catsear	Northern Territory : Conservation Status	GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species Global Invasive Species Information Network (GISIN)
https://id.biodiversity.org.au/node/apni/2/904997	Juncus bufonius	L.	species	Plantae	Charophyta	Equisetopsida	Poales	Juncaceae		Northern Territory : Conservation Status	GRIIS - Global Register of Introduced and Invasive Species - Australia
https://id.biodiversity.org.au/node/apni/2/900900	Juncus kraussii	Hochst.	species	Plantae	Charophyta	Equisetopsida	Poales	Juncaceae		Northern Territory : Conservation Status	GRIIS - Global Register of Introduced and Invasive Species - Australia
https://id.biodiversity.org.au/node/apni/2/909588	Oxalis corniculata	L.	species	Plantae	Charophyta	Equisetopsida	Oxalidales	Oxalidaceae		Northern Territory : Conservation Status	GRIIS - Global Register of Introduced and Invasive Species - Australia Global Invasive Species Information Network (GISIN)
https://id.biodiversity.org.au/node/apni/2/899343	Plantago lanceolata	L.	species	Plantae	Charophyta	Equisetopsida	Lamiales	Plantaginaceae	English plantain	Northern Territory : Conservation Status	GRIIS - Global Register of Introduced and Invasive Species - Australia Global Invasive Species Information Network (GISIN)
https://id.biodiversity.org.au/node/apni/2/913511	Rhodanthe citrina	(Benth.) Paul G. Wilson	species	Plantae	Charophyta	Equisetopsida	Asterales	Asteraceae		Northern Territory : Conservation Status	
https://id.biodiversity.org.au/node/apni/2/907494	Silene nocturna	L.	species	Plantae	Charophyta	Equisetopsida	Caryophyllales	Caryophyllaceae		Northern Territory : Conservation Status	GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species
https://id.biodiversity.org.au/node/apni/2/912741	Solanum nigrum	L.	species	Plantae	Charophyta	Equisetopsida	Solanales	Solanaceae	Poroporo	Northern Territory : Conservation Status	GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species
https://id.biodiversity.org.au/node/apni/2/895772	Sonchus oleraceus	L.	species	Plantae	Charophyta	Equisetopsida	Asterales	Asteraceae	Pororua	Northern Territory : Conservation Status	GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species
https://id.biodiversity.org.au/node/apni/2/907105	Sporobolus africanus	(Poir.) Robyns & Tournay	species	Plantae	Charophyta	Equisetopsida	Poales	Poaceae	ratstail	Northern Territory : Conservation Status	GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species National Weeds Lists
https://id.biodiversity.org.au/node/apni/2/896776	Stellaria media	(L.) Vill.	species	Plantae	Charophyta	Equisetopsida	Caryophyllales	Caryophyllaceae	Kohukohu	Northern Territory : Conservation Status	GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species
https://id.biodiversity.org.au/node/apni/2/887197	Vulpia fasciculata	(Forsk.) Fritsch	species	Plantae	Charophyta	Equisetopsida	Poales	Poaceae		Northern Territory : Conservation Status	GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species
https://id.biodiversity.org.au/node/apni/2/891029	Xerochrysum bracteatum	(Vent.) Tzvelev	species	Plantae	Charophyta	Equisetopsida	Asterales	Asteraceae		Northern Territory : Conservation Status	GRIIS - Global Register of Introduced and Invasive Species - Australia
https://id.biodiversity.org.au/node/apni/2/901610	Geranium retrorsum	L'H�r. ex DC.	species	Plantae	Charophyta	Equisetopsida	Geraniales	Geraniaceae	Matua-k�mara	New Zealand Sensitive Species List for Vascular Plants	Global Invasive Species Information Network (GISIN)
https://id.biodiversity.org.au/node/apni/7/387836	Geranium solanderi	Carolin	species	Plantae	Charophyta	Equisetopsida	Geraniales	Geraniaceae	Matua-k�mara	New Zealand Sensitive Species List for Vascular Plants	GRIIS - Global Register of Introduced and Invasive Species - Australia
https://id.biodiversity.org.au/node/apni/2/887979	Juncus pauciflorus	R.Br.	species	Plantae	Charophyta	Equisetopsida	Poales	Juncaceae	Common rush	New Zealand Sensitive Species List for Vascular Plants	
https://id.biodiversity.org.au/name/apni/1/79292	Linguella nana	(R.Br.) D.L.Jones & M.A.Clem.	species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae		ACT Rare Plant List	
https://id.biodiversity.org.au/node/apni/2/896012	Acanthocarpus preissii	Lehm.	species	Plantae	Charophyta	Equisetopsida	Asparagales	Asparagaceae			
https://id.biodiversity.org.au/name/apni/7/3211	Acianthus reniformis	(R.Br.) Schltr.	species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae			
https://id.biodiversity.org.au/node/apni/2/896596	Actinotus glomeratus	Benth.	species	Plantae	Charophyta	Equisetopsida	Apiales	Apiaceae			
https://id.biodiversity.org.au/node/apni/2/55050002	Adelophycus corneus	(J.Agardh) Kraft	species	Plantae	Rhodophyta	Florideophyceae		Nemastomataceae			
https://id.biodiversity.org.au/node/apni/2/897492	Adenanthos obovatus	Labill.	species	Plantae	Charophyta	Equisetopsida	Proteales	Proteaceae			
https://id.biodiversity.org.au/node/apni/2/912734	Agonis flexuosa	(Willd.) Sweet	species	Plantae	Charophyta	Equisetopsida	Myrtales	Myrtaceae	Peppermint willow		GRIIS - Global Register of Introduced and Invasive Species - Australia
https://id.biodiversity.org.au/node/apni/2/896402	Agrostocrinum hirsutum	(Lindl.) Keighery	species	Plantae	Charophyta	Equisetopsida	Asparagales	Hemerocallidaceae			
https://id.biodiversity.org.au/node/apni/2/899616	Agrostocrinum scabrum	(R.Br.) Baill.	species	Plantae	Charophyta	Equisetopsida	Asparagales	Hemerocallidaceae			
https://id.biodiversity.org.au/node/apni/2/915129	Aira cupaniana	Guss.	species	Plantae	Charophyta	Equisetopsida	Poales	Poaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species

Species	Species Name	Scientific Name Authority	Taxon Rank	Kingdom	Phylum	Class	Order	Family	Vernacular Name	Conservation	Invasive
https://id.biodiversity.org.au/node/apni/2890667	Alternanthera philoxeroides	(Mart.) Griseb.	species	Plantae	Charophyta	Equisetopsida	Caryophyllales	Amaranthaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species Weeds of National Significance (WoNS) as at Feb. 2013 Weeds listing Queensland Government Global Invasive Species Information Network (GISIN)
https://id.biodiversity.org.au/node/apni/2913921	Amaryllis belladonna	L.	species	Plantae	Charophyta	Equisetopsida	Asparagales	Amaryllidaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species
https://id.biodiversity.org.au/node/apni/2889364	Ammi majus	L.	species	Plantae	Charophyta	Equisetopsida	Apiales	Apiaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia
https://id.biodiversity.org.au/node/apni/2913418	Ammophila arenaria	(L.) Link	species	Plantae	Charophyta	Equisetopsida	Poales	Poaceae	European beachgrass		GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species Global Invasive Species Information Network (GISIN)
https://id.biodiversity.org.au/node/apni/2894932	Amperea simulans	R.J.F.Hend.	species	Plantae	Charophyta	Equisetopsida	Malpighiales	Euphorbiaceae			
https://id.biodiversity.org.au/node/apni/2908821	Amphibolis griffithii	(J.M.Black) Hartog	species	Plantae	Charophyta	Equisetopsida	Alismatales	Cymodoceaceae	sea-nymph		
https://id.biodiversity.org.au/node/apni/255121006	Amphiroa anceps	(Lamarck) Decaisne	species	Plantae	Rhodophyta	Flordeoiphyceae	Corallinales	Corallinaceae			
NZOR-6-19303	Amphiroa anceps	(Lam.) Decne.	species	Plantae	Rhodophyta	Flordeoiphyceae	Corallinales	Corallinaceae			
https://id.biodiversity.org.au/node/apni/2901458	Anarthria prolifera	R.Br.	species	Plantae	Charophyta	Equisetopsida	Poales	Anarthriaceae			
https://id.biodiversity.org.au/node/apni/2911540	Anarthria scabra	R.Br.	species	Plantae	Charophyta	Equisetopsida	Poales	Anarthriaceae			
https://id.biodiversity.org.au/node/apni/2900260	Andersonia caerulea	R.Br.	species	Plantae	Charophyta	Equisetopsida	Ericales	Ericaceae			
https://id.biodiversity.org.au/node/apni/2897618	Andersonia geniculata	Lemson	species	Plantae	Charophyta	Equisetopsida	Ericales	Ericaceae			
https://id.biodiversity.org.au/node/apni/2889252	Anigozanthos flavidus	Redout��	species	Plantae	Charophyta	Equisetopsida	Commelinales	Haemodoraceae	Evergreen kangaroo paw		
https://id.biodiversity.org.au/node/apni/2900204	Anigozanthos humilis	Lindl.	species	Plantae	Charophyta	Equisetopsida	Commelinales	Haemodoraceae			
https://id.biodiversity.org.au/node/apni/2900921	Anigozanthos manglesii	D.Don	species	Plantae	Charophyta	Equisetopsida	Commelinales	Haemodoraceae			
https://id.biodiversity.org.au/taxon/apni/51299833	Anthocercis littorea	Labill.	species	Plantae	Charophyta	Equisetopsida	Solanales	Solanaceae			
https://id.biodiversity.org.au/node/apni/255130032	Antithamnion hanovioides	(Sonder) De Toni	species	Plantae	Rhodophyta	Flordeoiphyceae	Ceramiales	Ceramiaceae			
https://id.biodiversity.org.au/node/apni/2891037	Aphelia cyperoides	R.Br.	species	Plantae	Charophyta	Equisetopsida	Poales	Centrolepidaceae			
https://id.biodiversity.org.au/node/apni/2914809	Apium annuum	P.S.Short	species	Plantae	Charophyta	Equisetopsida	Apiales	Apiaceae			
https://id.biodiversity.org.au/node/apni/2912609	Apium prostratum	Vent.	species	Plantae	Charophyta	Equisetopsida	Apiales	Apiaceae	Sea celery		
https://id.biodiversity.org.au/name/apni/182319	Arachnorchis brownii	(Hopper) D.L.Jones & M.A.Clem.	species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae			
https://id.biodiversity.org.au/node/apni/2898204	Arctotheca populifolia	(P.J.Bergius) Norl.	species	Plantae	Charophyta	Equisetopsida	Asterales	Asteraceae			GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species
https://id.biodiversity.org.au/taxon/apni/51288759	Asparagopsis armata	Harv.	species	Plantae	Charophyta	Equisetopsida	Asparagales	Asparagaceae			
https://id.biodiversity.org.au/node/apni/2917694	Astartea pulchella	(DC.) Rye	species	Plantae	Charophyta	Equisetopsida	Myrtales	Myrtaceae			
https://id.biodiversity.org.au/node/apni/2909103	Astroloma ciliatum	(Lindl.) Druce	species	Plantae	Charophyta	Equisetopsida	Ericales	Ericaceae			
https://id.biodiversity.org.au/node/apni/2902954	Astroloma pallidum	R.Br.	species	Plantae	Charophyta	Equisetopsida	Ericales	Ericaceae			
https://id.biodiversity.org.au/node/apni/2915032	Austrostipa flavescens	(Labill.) S.W.L.Jacobs & J.Everett	species	Plantae	Charophyta	Equisetopsida	Poales	Poaceae			
https://id.biodiversity.org.au/node/apni/5040372	Avellinia michelii	(Savi) Parl.	species	Plantae	Charophyta	Equisetopsida	Poales	Poaceae			Non-native species
https://id.biodiversity.org.au/node/apni/2896043	Banksia dallanneyi	A.R.Mast & K.R.Thiele	species	Plantae	Charophyta	Equisetopsida	Proteales	Proteaceae			
https://id.biodiversity.org.au/node/apni/2905735	Banksia grandis	Willd.	species	Plantae	Charophyta	Equisetopsida	Proteales	Proteaceae			
https://id.biodiversity.org.au/node/apni/2913977	Banksia ilicifolia	R.Br.	species	Plantae	Charophyta	Equisetopsida	Proteales	Proteaceae			
https://id.biodiversity.org.au/node/apni/2905445	Banksia littoralis	R.Br.	species	Plantae	Charophyta	Equisetopsida	Proteales	Proteaceae			
https://id.biodiversity.org.au/node/apni/2913181	Banksia sessilis	(Knight) A.R.Mast & K.R.Thiele	species	Plantae	Charophyta	Equisetopsida	Proteales	Proteaceae			
https://id.biodiversity.org.au/taxon/apni/51291052	Baumea vaginalis	(Benth.) S.T.Blake	species	Plantae	Charophyta	Equisetopsida	Poales	Cyperaceae			
https://id.biodiversity.org.au/node/apni/6945171	Bellardia trixago	(L.) All.	species	Plantae	Charophyta	Equisetopsida	Lamiales	Orobanchaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species Global Invasive Species Information Network (GISIN)
https://id.biodiversity.org.au/node/apni/2901234	Berkheya rigida	(Thunb.) Bolus & Wolley-Dod	species	Plantae	Charophyta	Equisetopsida	Asterales	Asteraceae	African thistle		GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species WA State Notifiable Pests
https://id.biodiversity.org.au/node/apni/2899057	Billardiera floribunda	(Putt.) F.Muell.	species	Plantae	Charophyta	Equisetopsida	Apiales	Pittosporaceae			
https://id.biodiversity.org.au/node/apni/2899057	Billardiera heterophylla	(Lindl.) L.Cayzer & Crisp	species	Plantae	Charophyta	Equisetopsida	Apiales	Pittosporaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia

Species	Species Name	Scientific Name Authorship	Taxon Rank	Kingdom	Phylum	Class	Order	Family	Vernacular Name	Conservation	Invasive
https://id.biodiversity.org.au/node/apni/2900860	Billardiera laxiflora	(Benth.) E.M.Benn.	species	Plantae	Charophyta	Equisetopsida	Apiales	Pittosporaceae			
https://id.biodiversity.org.au/node/apni/2910549	Billardiera variifolia	DC.	species	Plantae	Charophyta	Equisetopsida	Apiales	Pittosporaceae			
https://id.biodiversity.org.au/node/apni/2908511	Boronia alata	Sm.	species	Plantae	Charophyta	Equisetopsida	Sapindales	Rutaceae			Global Invasive Species Information Network (GISIN)
https://id.biodiversity.org.au/taxon/apni/51311636	Boronia crenulata	Sm.	species	Plantae	Charophyta	Equisetopsida	Sapindales	Rutaceae			Global Invasive Species Information Network (GISIN)
https://id.biodiversity.org.au/node/apni/2920563	Boronia denticulata	Sm.	species	Plantae	Charophyta	Equisetopsida	Sapindales	Rutaceae			Global Invasive Species Information Network (GISIN)
https://id.biodiversity.org.au/node/apni/2915094	Boronia heterophylla	F.Muell.	species	Plantae	Charophyta	Equisetopsida	Sapindales	Rutaceae			Global Invasive Species Information Network (GISIN)
https://id.biodiversity.org.au/node/apni/2907267	Boronia molloyae	J.Drumm.	species	Plantae	Charophyta	Equisetopsida	Sapindales	Rutaceae			Global Invasive Species Information Network (GISIN)
https://id.biodiversity.org.au/node/apni/2913525	Boronia tenuior	Domin	species	Plantae	Charophyta	Equisetopsida	Sapindales	Rutaceae			Global Invasive Species Information Network (GISIN)
https://id.biodiversity.org.au/node/apni/295510001	Botryocladia sonderi	P.C.Silva	species	Plantae	Rhodophyta	Floriellophyceae	Rhodymeniales	Rhodymeniaceae			
https://id.biodiversity.org.au/node/apni/2920944	Briza minor	L.	species	Plantae	Charophyta	Equisetopsida	Poales	Poaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species
https://id.biodiversity.org.au/node/apni/2912917	Burchardia congesta	Lindl.	species	Plantae	Charophyta	Equisetopsida	Liliales	Colchicaceae			
https://id.biodiversity.org.au/node/apni/2904117	Caesia micrantha	Lindl.	species	Plantae	Charophyta	Equisetopsida	Asparagales	Hemerocallidaceae			
https://id.biodiversity.org.au/node/apni/2919041	Cakile maritima	Scop.	species	Plantae	Charophyta	Equisetopsida	Brassicales	Brassicaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia Global Invasive Species Information Network (GISIN)
https://id.biodiversity.org.au/node/apni/2911277	Caladenia arrecta	Hopper & A.P.Br.	species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae			
https://id.biodiversity.org.au/name/apni/135730	Caladenia attingens	Hopper & A.P.Br.	species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae			
https://id.biodiversity.org.au/name/apni/90685	Caladenia bicalillata	R.S.Rogers	species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae			
https://id.biodiversity.org.au/name/apni/123015	Caladenia brownii	Hopper	species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae			
https://id.biodiversity.org.au/name/apni/90748	Caladenia cairnsiana	F.Muell.	species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae			
https://id.biodiversity.org.au/name/apni/91032	Caladenia corynephora	A.S.George	species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae			
https://id.biodiversity.org.au/name/apni/91238	Caladenia elongata	Lindl.	species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae			
https://id.biodiversity.org.au/name/apni/91294	Caladenia ferruginea	Nicholls	species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae			
https://id.biodiversity.org.au/name/apni/91452	Caladenia flava	R.Br.	species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae			
https://id.biodiversity.org.au/name/apni/129096	Caladenia gardneri	Hopper & A.P.Br.	species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae			
https://id.biodiversity.org.au/name/apni/91601	Caladenia hirta	Lindl.	species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae			
https://id.biodiversity.org.au/name/apni/91664	Caladenia infundibularis	A.S.George	species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae			
https://id.biodiversity.org.au/name/apni/91701	Caladenia latifolia	R.Br.	species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae			
https://id.biodiversity.org.au/name/apni/91784	Caladenia longicauda	Lindl.	species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae			
https://id.biodiversity.org.au/name/apni/91880	Caladenia macrostylis	Fitzg.	species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae			
https://id.biodiversity.org.au/name/apni/91912	Caladenia marginata	Lindl.	species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae			
https://id.biodiversity.org.au/name/apni/91994	Caladenia nana	Endl.	species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae			
https://id.biodiversity.org.au/name/apni/92356	Caladenia rhomboidiformis	(E.Coleman) M.A.Clem. & Hopper	species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae			
https://id.biodiversity.org.au/name/apni/92397	Caladenia sericea	Lindl.	species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae			
https://id.biodiversity.org.au/node/apni/2902353	Calandrinia brevipedata	F.Muell.	species	Plantae	Charophyta	Equisetopsida	Caryophyllales	Portulacaceae			
https://id.biodiversity.org.au/node/apni/2905552	Callistemon phoeniceus	Lindl.	species	Plantae	Charophyta	Equisetopsida	Myrtales	Myrtaceae			
https://id.biodiversity.org.au/taxon/apni/51302262	Calothamnus quadrifidus	R.Br.	species	Plantae	Charophyta	Equisetopsida	Myrtales	Myrtaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia
https://id.biodiversity.org.au/node/ausmo55/10065951	Campylopus bicolor	(M&A Hal.) Wilson	species	Plantae	Bryophyta	Bryopsida	Dicranales	Leucobryaceae			
https://id.biodiversity.org.au/node/apni/29888650	Carex thecata	Boott	species	Plantae	Charophyta	Equisetopsida	Poales	Cyperaceae			
https://id.biodiversity.org.au/node/apni/2919170	Carpobrotus virescens	(Haw.) Schwantes	species	Plantae	Charophyta	Equisetopsida	Caryophyllales	Aizoaceae			
55095005	Carpopeltis elata	(Harvey) De Toni	species	Plantae	Rhodophyta	Floriellophyceae	Halymeniales	Halymeniaceae			
55095007	Carpopeltis spongeplexus	Womersley & J.A. Lewis	species	Plantae	Rhodophyta	Floriellophyceae	Halymeniales	Halymeniaceae			

Species	Species Name	Scientific Name	Authorship	Taxon Rank	Kingdom	Phylum	Class	Order	Family	Vernacular Name	Conservation	Invasive
https://id.biodiversity.org.au/node/apni/2899088	Cassytha flava	Nees		species	Plantae	Charophyta	Equisetopsida	Laurales	Lauraceae			
https://id.biodiversity.org.au/node/apni/2907668	Cassytha glabella	R.Br.		species	Plantae	Charophyta	Equisetopsida	Laurales	Lauraceae			
https://id.biodiversity.org.au/node/apni/2906672	Cassytha racemosa	Nees		species	Plantae	Charophyta	Equisetopsida	Laurales	Lauraceae			
https://id.biodiversity.org.au/node/apni/2887652	Catapodium rigidum	(L.) C.E.Hubb.		species	Plantae	Charophyta	Equisetopsida	Poales	Poaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species
https://id.biodiversity.org.au/node/apni/2912379	Centaurium erythraea	Rafn		species	Plantae	Charophyta	Equisetopsida	Gentianales	Gentianaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia
https://id.biodiversity.org.au/node/apni/2896375	Centranthus ruber	(L.) DC.		species	Plantae	Charophyta	Equisetopsida	Dipsacales	Caprifoliaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia
https://id.biodiversity.org.au/node/apni/2899294	Centrolepis polygyna	(R.Br.) Hieron.		species	Plantae	Charophyta	Equisetopsida	Poales	Centrolepidaceae			
https://id.biodiversity.org.au/node/ausmoss/2895141	Cephaloziella varians	(Gottsche) Steph.		species	Plantae	Marchantiophyta	Jungermanniopsida	Jungermanniales	Cephaloziellaceae			
https://id.biodiversity.org.au/node/ausmoss/2890287	Chaetophyllopsis whiteleggei	(Carrington & Pearson) R.M.Schust.		species	Plantae	Marchantiophyta	Jungermanniopsida	Jungermanniales	Scapaniaceae			
https://id.biodiversity.org.au/node/apni/2920316	Chamaescilla corymbosa	(R.Br.) F.Muell. ex Benth.		species	Plantae	Charophyta	Equisetopsida	Asparagales	Asparagaceae			
55111014	Champia zostericola	(Harvey) Reedman & Womersley		species	Plantae	Rhodophyta	Florideophyceae	Rhodymeniales	Champiaceae			
55131019	Chauvinella coriifolia	(Harvey) Papenfuss		species	Plantae	Rhodophyta	Florideophyceae	Ceramiales	Delesseriaceae			
https://id.biodiversity.org.au/node/apni/2908384	Cheiranthra parviflora	Benth.		species	Plantae	Charophyta	Equisetopsida	Apiales	Pittosporaceae			
55133032	Chondria curdieana	(J.Agardh) Falkenberg		species	Plantae	Rhodophyta	Florideophyceae	Ceramiales	Rhodomelaceae			
https://id.biodiversity.org.au/node/apni/2909734	Chorilaena quercifolia	Endl.		species	Plantae	Charophyta	Equisetopsida	Sapindales	Rutaceae			Global Invasive Species Information Network (GISIN)
https://id.biodiversity.org.au/name/apni/127705	Cladonia cervicornis	(Ach.) Flot.		species	Plantae				Cladoniaceae			
https://id.biodiversity.org.au/name/apni/137726	Cladonia enantia	Nyl.		species	Plantae				Cladoniaceae			
NZOR-6-2064	Cladonia neozelandica	Vain.		species	Plantae				Cladoniaceae			
https://id.biodiversity.org.au/name/apni/129474	Cladonia rigida	(Hook.f. & Taylor) Hampe		species	Plantae				Cladoniaceae			
55057005	Clavionium ovatum	(J.V.Lamouroux) Kraft & Min-Thein		species	Plantae	Rhodophyta	Florideophyceae	Gigartinales	Acrotylaceae			
https://id.biodiversity.org.au/node/apni/2901148	Clematis linearifolia	Steud.		species	Plantae	Charophyta	Equisetopsida	Ranunculales	Ranunculaceae			
https://id.biodiversity.org.au/node/apni/2887834	Clematis pubescens	H&A ex Endl.		species	Plantae	Charophyta	Equisetopsida	Ranunculales	Ranunculaceae			
55133051	Cliftonaea pectinata	(Harvey) Harvey		species	Plantae	Rhodophyta			Rhodomelaceae			
55095009	Codiophyllum flabelliforme	(Sonder) F.Schmitz		species	Plantae	Rhodophyta	Florideophyceae	Halymeniales	Halymeniaceae			
https://id.biodiversity.org.au/node/apni/2919145	Comesperma calymega	Labill.		species	Plantae	Charophyta	Equisetopsida	Fabales	Polygalaceae			
https://id.biodiversity.org.au/node/apni/2916907	Comesperma confertum	Labill.		species	Plantae	Charophyta	Equisetopsida	Fabales	Polygalaceae			
https://id.biodiversity.org.au/node/apni/2897625	Comesperma virgatum	Labill.		species	Plantae	Charophyta	Equisetopsida	Fabales	Polygalaceae			
https://id.biodiversity.org.au/node/apni/6283310	Conostylis aculeata	R.Br.		species	Plantae	Charophyta	Equisetopsida	Commelinales	Haemodoraceae			
https://id.biodiversity.org.au/node/apni/2918878	Coprosma repens	A.Rich.		species	Plantae	Charophyta	Equisetopsida	Gentianales	Rubiaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia
https://id.biodiversity.org.au/node/apni/2915629	Cortaderia selloana	(Schult. & Schult.f.) Asch. & Graebn.		species	Plantae	Charophyta	Equisetopsida	Poales	Poaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species Global Invasive Species Information Network (GISIN)
https://id.biodiversity.org.au/name/apni/17409	Corybas recurvus	D.L.Jones		species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae			
https://id.biodiversity.org.au/node/apni/2892673	Corymbia calophylla	(Lindl.) K.D.Hill & L.A.S.Johnson		species	Plantae	Charophyta	Equisetopsida	Myrtales	Myrtaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia
https://id.biodiversity.org.au/node/apni/2899137	Crassula glomerata	P.J.Bergius		species	Plantae	Charophyta	Equisetopsida	Saxifragales	Crassulaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species
https://id.biodiversity.org.au/node/apni/2894404	Crassula thunbergiana	Schult.		species	Plantae	Charophyta	Equisetopsida	Saxifragales	Crassulaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species
55095012	Cryptonemia kallymenioides	(Harvey) Kraft		species	Plantae	Rhodophyta	Florideophyceae	Halymeniales	Halymeniaceae			
https://id.biodiversity.org.au/name/apni/89039	Cryptostylis ovata	R.Br.		species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae			
55106011	Curdiea irvineae	J.Agardh		species	Plantae	Rhodophyta	Florideophyceae	Gracilariales	Gracilariaceae			
55106012	Curdiea obesa	(Harvey) Kylin		species	Plantae	Rhodophyta	Florideophyceae	Gracilariales	Gracilariaceae			
https://id.biodiversity.org.au/taxon/apni/51270683	Cuscuta epithymum	(L.) L.		species	Plantae	Charophyta	Equisetopsida	Solanales	Convolvulaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species
https://id.biodiversity.org.au/name/apni/174223	Cyanicula sericea	(Lindl.) Hopper & A.P.Br.		species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae			
https://id.biodiversity.org.au/node/apni/2906808	Cyathochaeta avenacea	(R.Br.) Benth.		species	Plantae	Charophyta	Equisetopsida	Poales	Cyperaceae			
https://id.biodiversity.org.au/node/apni/2901642	Cynogeton huegelii	Endl.		species	Plantae	Charophyta	Equisetopsida	Alismatales	Juncaginaceae			

Species	Species Name	Scientific Name Authority	Taxon Rank	Kingdom	Phylum	Class	Order	Family	Vernacular Name	Conservation	Invasive
https://id.biodiversity.org.au/node/apni/2/912620	Cynosurus echinatus	L.	species	Plantae	Charophyta	Equisetopsida	Poales	Poaceae	rough dogstail		GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species Global Invasive Species Information Network (GISIN)
https://id.biodiversity.org.au/taxon/apni/5/1283097	Cyperus congestus	Vahl	species	Plantae	Charophyta	Equisetopsida	Poales	Cyperaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species
https://id.biodiversity.org.au/name/apni/1/00165	Cyrtostylis huegelii	Endl.	species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae			
https://id.biodiversity.org.au/node/apni/2/894031	Dampiera hederacea	R.Br.	species	Plantae	Charophyta	Equisetopsida	Asterales	Goodeniaceae			
https://id.biodiversity.org.au/node/apni/2/893089	Dampiera leptoclada	Benth.	species	Plantae	Charophyta	Equisetopsida	Asterales	Goodeniaceae			
https://id.biodiversity.org.au/node/apni/2/888259	Dampiera linearis	R.Br.	species	Plantae	Charophyta	Equisetopsida	Asterales	Goodeniaceae			
https://id.biodiversity.org.au/node/apni/2/897369	Dampiera tenuicaulis	E.Pritz.	species	Plantae	Charophyta	Equisetopsida	Asterales	Goodeniaceae			
https://id.biodiversity.org.au/node/apni/2/903276	Darwinia citriodora	(Endl.) Benth.	species	Plantae	Charophyta	Equisetopsida	Myrtales	Myrtaceae			
https://id.biodiversity.org.au/node/apni/2/55130128	Dasyphila preissii	Sonder	species	Plantae	Rhodophyta	Floriideophyceae	Ceramiales	Ceramiaceae			
https://id.biodiversity.org.au/node/apni/2/895292	Dasyogon hookeri	J.Drumm.	species	Plantae	Charophyta	Equisetopsida	Dasygogonales	Dasygogonaceae			
https://id.biodiversity.org.au/node/apni/2/887451	Desmodiadus fasciculatus	(R.Br.) B.G.Briggs & L.A.S.Johnson	species	Plantae	Charophyta	Equisetopsida	Poales	Restionaceae			
https://id.biodiversity.org.au/node/apni/2/900824	Desmodiadus flexuosus	(R.Br.) B.G.Briggs & L.A.S.Johnson	species	Plantae	Charophyta	Equisetopsida	Poales	Restionaceae			
https://id.biodiversity.org.au/node/apni/2/907521	Diaspasis filifolia	R.Br.	species	Plantae	Charophyta	Equisetopsida	Asterales	Goodeniaceae			
https://id.biodiversity.org.au/node/apni/2/55133061	Dictyomenia harveyana	Sonder	species	Plantae	Rhodophyta			Rhodomelaceae			
https://id.biodiversity.org.au/node/apni/2/55133062	Dictyomenia sonderi	Harvey	species	Plantae	Rhodophyta			Rhodomelaceae			
https://id.biodiversity.org.au/node/apni/2/55133002	Dictyomenia tridens	(Mertens ex Turner) Greville	species	Plantae	Rhodophyta			Rhodomelaceae			
https://id.biodiversity.org.au/name/apni/1/82752	Dictyosphaeria sericea	Harv.	species	Plantae							
https://id.biodiversity.org.au/name/apni/1/79327	Diplodium rogersii	(E.Coleman) D.L.Jones & M.A.Clem.	species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae			
https://id.biodiversity.org.au/node/apni/2/920924	Diploaena dampieri	Desf.	species	Plantae	Charophyta	Equisetopsida	Sapindales	Rutaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia Global Invasive Species Information Network (GISIN)
https://id.biodiversity.org.au/node/apni/2/914410	Dischisma arenarium	E.Mey.	species	Plantae	Charophyta	Equisetopsida	Lamiales	Scrophulariaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species
https://id.biodiversity.org.au/name/apni/2/45525	Diuris jonesii	C.J.French & G.Brockman	species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae			
https://id.biodiversity.org.au/name/apni/7/9346	Diuris longifolia	R.Br.	species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae			
https://id.biodiversity.org.au/name/apni/8/3741	Drakaea glyptodon	Fitzg.	species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae			
https://id.biodiversity.org.au/node/apni/2/897353	Drosanthemum candens	(Haw.) Schwantes	species	Plantae	Charophyta	Equisetopsida	Caryophyllales	Aizoaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species
https://id.biodiversity.org.au/taxon/apni/5/1283539	Drosera drummondii	Planch.	species	Plantae	Charophyta	Equisetopsida	Caryophyllales	Droseraceae			
https://id.biodiversity.org.au/node/apni/2/909880	Drosera enodes	N.G.Marchant & Lowrie	species	Plantae	Charophyta	Equisetopsida	Caryophyllales	Droseraceae			
https://id.biodiversity.org.au/taxon/apni/5/1283567	Drosera indumenta	Lowrie & Conran	species	Plantae	Charophyta	Equisetopsida	Caryophyllales	Droseraceae			
https://id.biodiversity.org.au/taxon/apni/5/1283580	Drosera macrantha	Endl.	species	Plantae	Charophyta	Equisetopsida	Caryophyllales	Droseraceae			
https://id.biodiversity.org.au/taxon/apni/5/1298315	Drosera menziesii	R.Br. ex DC.	species	Plantae	Charophyta	Equisetopsida	Caryophyllales	Droseraceae			
https://id.biodiversity.org.au/node/apni/2/889387	Drosera pallida	Lindl.	species	Plantae	Charophyta	Equisetopsida	Caryophyllales	Droseraceae			
https://id.biodiversity.org.au/node/apni/2/908653	Drosera platypoda	Turcz.	species	Plantae	Charophyta	Equisetopsida	Caryophyllales	Droseraceae			
https://id.biodiversity.org.au/node/apni/2/903335	Drosera pulchella	Lehm.	species	Plantae	Charophyta	Equisetopsida	Caryophyllales	Droseraceae			
https://id.biodiversity.org.au/node/apni/2/911051	Ehrharta erecta	Lam.	species	Plantae	Charophyta	Equisetopsida	Poales	Poaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia Global Invasive Species Information Network (GISIN)
https://id.biodiversity.org.au/name/apni/6/8104	Elythranthera brunonis	(Endl.) A.S.George	species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae			
https://id.biodiversity.org.au/node/apni/2/904092	Empodisma gracillimum	(F.Muell.) L.A.S.Johnson & D.F.Cutler	species	Plantae	Charophyta	Equisetopsida	Poales	Restionaceae			
https://id.biodiversity.org.au/node/apni/6/987629	Erigeron canadensis	L.	species	Plantae	Charophyta	Equisetopsida	Asterales	Asteraceae			GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species
https://id.biodiversity.org.au/node/apni/6/990396	Erigeron sumatrensis	Retz.	species	Plantae	Charophyta	Equisetopsida	Asterales	Asteraceae			GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species
https://id.biodiversity.org.au/name/apni/8/9541	Eriochilus dilatatus	Lindl.	species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae			
https://id.biodiversity.org.au/node/apni/2/891467	Erodium moschatum	(L.) L'H��r.	species	Plantae	Charophyta	Equisetopsida	Geraniales	Geraniaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia Global Invasive Species Information Network (GISIN)

Species	Species Name	Scientific Name	Authorship	Taxon Rank	Kingdom	Phylum	Class	Order	Family	Vernacular Name	Conservation	Invasive
https://id.biodiversity.org.au/node/apni/289692	Eryngium pinnatifidum	Bunge		species	Plantae	Charophyta	Equisetopsida	Apiales	Apiaceae			
55113002	Erythrymenia minuta	Kylin		species	Plantae	Rhodophyta	Flordeoiphyceae	Rhodymeniales	Faucheaceae			
https://id.biodiversity.org.au/node/apni/2916354	Eucalyptus calcicola	Brooker		species	Plantae	Charophyta	Equisetopsida	Myrtales	Myrtaceae			
https://id.biodiversity.org.au/node/apni/2886613	Eucalyptus cornuta	Labill.		species	Plantae	Charophyta	Equisetopsida	Myrtales	Myrtaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia
https://id.biodiversity.org.au/node/apni/2918255	Eucalyptus diversicolor	F.Muell.		species	Plantae	Charophyta	Equisetopsida	Myrtales	Myrtaceae			
https://id.biodiversity.org.au/taxon/apni/51302290	Eucalyptus marginata	Donn ex Sm.		species	Plantae	Charophyta	Equisetopsida	Myrtales	Myrtaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia
https://id.biodiversity.org.au/node/apni/2893392	Eucalyptus megacarpa	F.Muell.		species	Plantae	Charophyta	Equisetopsida	Myrtales	Myrtaceae			
https://id.biodiversity.org.au/node/apni/2897219	Eucalyptus patens	Benth.		species	Plantae	Charophyta	Equisetopsida	Myrtales	Myrtaceae			
https://id.biodiversity.org.au/node/apni/2895139	Euphorbia helioscopia	L.		species	Plantae	Charophyta	Equisetopsida	Malpighiales	Euphorbiaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia
https://id.biodiversity.org.au/node/apni/2906911	Euphorbia paralias	L.		species	Plantae	Charophyta	Equisetopsida	Malpighiales	Euphorbiaceae	Sea spurge		GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species National Weeds Lists
55130140	Euptilocladia spongiosa	Wollaston		species	Plantae	Rhodophyta	Flordeoiphyceae	Ceramiales	Ceramiaceae			
55130142	Euptilota coralloidea	(J.Agardh) Kötzling		species	Plantae	Rhodophyta	Flordeoiphyceae	Ceramiales	Callithamniaceae			
https://id.biodiversity.org.au/node/apni/2887774	Exocarpos odoratus	(Miq.) A.D.C.		species	Plantae	Charophyta	Equisetopsida	Santalales	Santalaceae			
https://id.biodiversity.org.au/node/apni/2905672	Ferraria crispa	Burm.		species	Plantae	Charophyta	Equisetopsida	Asparagales	Iridaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species
https://id.biodiversity.org.au/node/ausmo55/10083595	Fissidens taylorii	Mäll.Hal.		species	Plantae	Bryophyta	Bryopsida	Dicranales	Fissidentaceae			
https://id.biodiversity.org.au/node/apni/2900534	Galium murale	(L.) All.		species	Plantae	Charophyta	Equisetopsida	Gentianales	Rubiaceae	Small bedstraw		GRIIS - Global Register of Introduced and Invasive Species - Australia
https://id.biodiversity.org.au/name/apni/117457	Gastrodia lacista	D.L.Jones		species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae			
https://id.biodiversity.org.au/node/apni/2904887	Geranium gardneri	de Lange		species	Plantae	Charophyta	Equisetopsida	Geraniales	Geraniaceae			
https://id.biodiversity.org.au/node/apni/2902330	Geranium molle	L.		species	Plantae	Charophyta	Equisetopsida	Geraniales	Geraniaceae	Namunamu		GRIIS - Global Register of Introduced and Invasive Species - Australia Global Invasive Species Information Network (GISIN)
https://id.biodiversity.org.au/node/apni/2913312	Gladiolus cardinalis	Curtis		species	Plantae	Charophyta	Equisetopsida	Asparagales	Iridaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species
https://id.biodiversity.org.au/node/apni/2886541	Gnaphalium indutum	Hook.f.		species	Plantae	Charophyta	Equisetopsida	Asterales	Asteraceae			
https://id.biodiversity.org.au/node/apni/2910332	Gonocarpus benthamii	Orchard		species	Plantae	Charophyta	Equisetopsida	Saxifragales	Haloragaceae			
https://id.biodiversity.org.au/node/apni/2905790	Gonocarpus diffusus	(Diels) Orchard		species	Plantae	Charophyta	Equisetopsida	Saxifragales	Haloragaceae			
https://id.biodiversity.org.au/node/apni/2902844	Gonocarpus micranthus	Thunb.		species	Plantae	Charophyta	Equisetopsida	Saxifragales	Haloragaceae	Piripiri		
https://id.biodiversity.org.au/node/apni/2919002	Goodenia pusilla	(de Vriese) de Vriese		species	Plantae	Charophyta	Equisetopsida	Asterales	Goodeniaceae			
https://id.biodiversity.org.au/node/apni/2901342	Grevillea brachystylis	Meisn.		species	Plantae	Charophyta	Equisetopsida	Proteales	Proteaceae			
https://id.biodiversity.org.au/taxon/apni/51300172	Grevillea manglesioides	Meisn.		species	Plantae	Charophyta	Equisetopsida	Proteales	Proteaceae			
https://id.biodiversity.org.au/node/apni/2891344	Gymnoschoenus aeneus	(R.Br.) C.B.Clarke		species	Plantae	Charophyta	Equisetopsida	Poales	Cyperaceae			
https://id.biodiversity.org.au/node/apni/2891615	Haemodorum laxum	R.Br.		species	Plantae	Charophyta	Equisetopsida	Commelinales	Haemodoraceae			
https://id.biodiversity.org.au/node/apni/2895963	Haemodorum spicatum	R.Br.		species	Plantae	Charophyta	Equisetopsida	Commelinales	Haemodoraceae			
https://id.biodiversity.org.au/node/apni/2910790	Hakea amplexicaulis	R.Br.		species	Plantae	Charophyta	Equisetopsida	Proteales	Proteaceae			
https://id.biodiversity.org.au/node/apni/2896542	Hakea lasianthoides	Rye		species	Plantae	Charophyta	Equisetopsida	Proteales	Proteaceae			
https://id.biodiversity.org.au/node/apni/2903955	Hakea linearis	R.Br.		species	Plantae	Charophyta	Equisetopsida	Proteales	Proteaceae			
https://id.biodiversity.org.au/node/apni/2916495	Hakea lissocarpa	R.Br.		species	Plantae	Charophyta	Equisetopsida	Proteales	Proteaceae	Honey bush		
https://id.biodiversity.org.au/node/apni/7823819	Hakea oleifolia	(Sm.) R.Br.		species	Plantae	Charophyta	Equisetopsida	Proteales	Proteaceae			
https://id.biodiversity.org.au/taxon/apni/51300183	Hakea pandanacarpa	R.Br.		species	Plantae	Charophyta	Equisetopsida	Proteales	Proteaceae			
https://id.biodiversity.org.au/node/apni/2893007	Hakea prostrata	R.Br.		species	Plantae	Charophyta	Equisetopsida	Proteales	Proteaceae			
https://id.biodiversity.org.au/node/apni/2900733	Hakea ruscifolia	Labill.		species	Plantae	Charophyta	Equisetopsida	Proteales	Proteaceae			
https://id.biodiversity.org.au/node/apni/2919591	Hakea tuberculata	R.Br.		species	Plantae	Charophyta	Equisetopsida	Proteales	Proteaceae			
55130004	Haloplegma preissii	(Harvey) Montagne		species	Plantae	Rhodophyta	Flordeoiphyceae	Ceramiales	Ceramiaceae			

Species	Species Name	Scientific Name	Authorship	Taxon Rank	Kingdom	Phylum	Class	Order	Family	Vernacular Name	Conservation	Invasive
https://id.biodiversity.org.au/node/apni/2908815	Haloragis digyna	Labill.		species	Plantae	Charophyta	Equisetopsida	Saxifragales	Haloragaceae			
https://id.biodiversity.org.au/node/apni/2918338	Heliophila pusilla	L.f.		species	Plantae	Charophyta	Equisetopsida	Brassicales	Brassicaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia
https://id.biodiversity.org.au/node/apni/2900200	Hemarthria uncinata	R.Br.		species	Plantae	Charophyta	Equisetopsida	Poales	Poaceae			
https://id.biodiversity.org.au/node/apni/2904766	Hemandra pungens	R.Br.		species	Plantae	Charophyta	Equisetopsida	Lamiales	Lamiaceae			
55057006	Hennedya crispata	Harvey		species	Plantae	Rhodophyta	Floriideophyceae	Gigartinales	Acrotlyaceae			
55132038	Heterosiphonia muelleri	(Sonder) De Toni		species	Plantae	Rhodophyta	Floriideophyceae	Ceramiales	Dasyaceae			
55132044	Heterosiphonia wrangelioides	(Harvey) Reinbold		species	Plantae	Rhodophyta	Floriideophyceae	Ceramiales	Dasyaceae			
https://id.biodiversity.org.au/node/apni/2901311	Hibbertia amplexicaulis	Steud.		species	Plantae	Charophyta	Equisetopsida		Dilleniaceae			
https://id.biodiversity.org.au/node/apni/2908888	Hibbertia cuneiformis	(Labill.) Sm.		species	Plantae	Charophyta	Equisetopsida		Dilleniaceae			
https://id.biodiversity.org.au/node/apni/2903911	Hibbertia diamesogenos	(Steud.) J.R.Wheeler		species	Plantae	Charophyta	Equisetopsida		Dilleniaceae			
https://id.biodiversity.org.au/taxon/apni/51300216	Hibbertia grossulariifolia	(Salisb.) Salisb.		species	Plantae	Charophyta	Equisetopsida		Dilleniaceae			
https://id.biodiversity.org.au/taxon/apni/51298304	Hibbertia hypericoides	(DC.) Benth.		species	Plantae	Charophyta	Equisetopsida		Dilleniaceae			
https://id.biodiversity.org.au/node/apni/29893275	Hibbertia perfoliata	HÄgel ex Endl.		species	Plantae	Charophyta	Equisetopsida		Dilleniaceae			
https://id.biodiversity.org.au/node/apni/29894620	Hibbertia pilosa	Steud.		species	Plantae	Charophyta	Equisetopsida		Dilleniaceae			
https://id.biodiversity.org.au/node/apni/29896141	Hibbertia racemosa	(Endl.) Gilg		species	Plantae	Charophyta	Equisetopsida		Dilleniaceae			
https://id.biodiversity.org.au/name/apni/51306673	Hibbertia semipilosa	K.R.Thiele		species	Plantae	Charophyta	Equisetopsida		Dilleniaceae			
https://id.biodiversity.org.au/node/apni/2914214	Hibbertia serrata	Hotchk.		species	Plantae	Charophyta	Equisetopsida		Dilleniaceae			
https://id.biodiversity.org.au/node/apni/2908255	Hibbertia stellaris	Endl.		species	Plantae	Charophyta	Equisetopsida		Dilleniaceae			
https://id.biodiversity.org.au/node/apni/29892036	Hirschfeldia incana	(L.) Lagr.-Foss.		species	Plantae	Charophyta	Equisetopsida	Brassicales	Brassicaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia Global Invasive Species Information Network (GISIN)
https://id.biodiversity.org.au/node/apni/2907479	Holcus lanatus	L.		species	Plantae	Charophyta	Equisetopsida	Poales	Poaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species Global Invasive Species Information Network (GISIN)
https://id.biodiversity.org.au/node/apni/29898345	Homalosciadium homalocarpum	(F.Muell.) H.Eichler		species	Plantae	Charophyta	Equisetopsida	Apiales	Apiaceae			
https://id.biodiversity.org.au/node/apni/29896476	Homalospermum firmum	Schauer		species	Plantae	Charophyta	Equisetopsida	Myrtales	Myrtaceae			
https://id.biodiversity.org.au/node/apni/2903011	Hornungia procumbens	(L.) Hayek		species	Plantae	Charophyta	Equisetopsida	Brassicales	Brassicaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia
https://id.biodiversity.org.au/node/apni/29887643	Hyalosperma cotula	(Benth.) Paul G.Wilson		species	Plantae	Charophyta	Equisetopsida	Asterales	Asteraceae			
https://id.biodiversity.org.au/node/apni/2918303	Hybanthus debilissimus	F.Muell.		species	Plantae	Charophyta	Equisetopsida	Malpighiales	Violaceae			
https://id.biodiversity.org.au/node/apni/29897882	Hydrocotyle algida	N.A.Wakef.		species	Plantae	Charophyta	Equisetopsida	Apiales	Araliaceae			
https://id.biodiversity.org.au/node/apni/29897655	Hydrocotyle blepharocarpa	F.Muell.		species	Plantae	Charophyta	Equisetopsida	Apiales	Araliaceae			
https://id.biodiversity.org.au/node/apni/29894173	Hydrocotyle callicarpa	Bunge		species	Plantae	Charophyta	Equisetopsida	Apiales	Araliaceae			
https://id.biodiversity.org.au/node/apni/2914728	Hydrocotyle hirta	R.Br. ex A.Rich.		species	Plantae	Charophyta	Equisetopsida	Apiales	Araliaceae			
https://id.biodiversity.org.au/node/apni/29887633	Hydrocotyle hispida	Bunge		species	Plantae	Charophyta	Equisetopsida	Apiales	Araliaceae			
https://id.biodiversity.org.au/instance/apni/761215	Hydrocotyle intertexta	R.Br. ex A.Rich.		species	Plantae	Charophyta	Equisetopsida	Apiales	Araliaceae			
https://id.biodiversity.org.au/node/apni/2915098	Hydrocotyle pilifera	Turcz.		species	Plantae	Charophyta	Equisetopsida	Apiales	Araliaceae			
https://id.biodiversity.org.au/node/apni/29898261	Hydrocotyle scutellifera	Benth.		species	Plantae	Charophyta	Equisetopsida	Apiales	Araliaceae			
https://id.biodiversity.org.au/node/apni/2904119	Hydrocotyle tetragonocarpa	Bunge		species	Plantae	Charophyta	Equisetopsida	Apiales	Araliaceae			
55113014	Hymenocladia chondricola	(Sonder) J.Lewis		species	Plantae	Rhodophyta	Floriideophyceae	Rhodymeniales	Rhodymeniaceae			
55113020	Hymenocladia usnea	(R.Brown ex Turner) J.Agardh		species	Plantae	Rhodophyta	Floriideophyceae	Rhodymeniales	Rhodymeniaceae			
https://id.biodiversity.org.au/node/apni/29898411	Hypericum perforatum	L.		species	Plantae	Charophyta	Equisetopsida	Malpighiales	Hypericaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia WA State Notifiable Pests Weeds listing Queensland Government Global Invasive Species Information Network (GISIN)
55061001	Hypnea ramentacea	(C.Agardh) J. Agardh		species	Plantae	Rhodophyta	Floriideophyceae	Gigartinales	Gloiosiphoniaceae			
https://id.biodiversity.org.au/node/ausmoss/10089505	Hypnum cupressiforme	Hedw.		species	Plantae	Bryophyta	Bryopsida	Hypnales	Hypnaceae			
https://id.biodiversity.org.au/node/apni/2918204	Hypocalymma robustum	(Endl.) Lindl.		species	Plantae	Charophyta	Equisetopsida	Myrtales	Myrtaceae			

Species	Species Name	Scientific Name Authority	Taxon Rank	Kingdom	Phylum	Class	Order	Family	Vernacular Name	Conservation	Invasive
55131034	Hypoglossum revolutum	(Harvey) J. Agardh	species	Plantae	Rhodophyta	Florideophyceae	Ceramiales	Delesseriaceae			Invasive
https://id.biodiversity.org.au/node/apni/2902062	Hypolaena exsulca	R.Br.	species	Plantae	Charophyta	Equisetopsida	Poales	Restionaceae			
https://id.biodiversity.org.au/node/apni/2908047	Hypolaena pubescens	(R.Br.) Nees	species	Plantae	Charophyta	Equisetopsida	Poales	Restionaceae			
https://id.biodiversity.org.au/node/apni/2912929	Hypolaena viridis	L.A.S. Johnson & B.G. Briggs	species	Plantae	Charophyta	Equisetopsida	Poales	Restionaceae			
https://id.biodiversity.org.au/node/apni/2920942	Isoplepis levinsiana	Muasya & D.A. Simpson	species	Plantae	Charophyta	Equisetopsida	Poales	Cyperaceae			Non-native species
https://id.biodiversity.org.au/node/apni/2891248	Isoplepis prolifera	(Rottb.) R.Br.	species	Plantae	Charophyta	Equisetopsida	Poales	Cyperaceae	three-square		GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species
https://id.biodiversity.org.au/node/apni/2917276	Isotoma hypocrateriformis	(R.Br.) Druce	species	Plantae	Charophyta	Equisetopsida	Asterales	Campanulaceae			
NZOR-6-26225	Jania affinis	Harv.	species	Plantae	Rhodophyta	Florideophyceae	Corallinales	Corallinaceae			
https://id.biodiversity.org.au/node/apni/2905697	Johnsonia lupulina	R.Br.	species	Plantae	Charophyta	Equisetopsida	Asparagales	Hemerocallidaceae			
https://id.biodiversity.org.au/node/apni/2900324	Juncus microcephalus	Kunth	species	Plantae	Charophyta	Equisetopsida	Poales	Juncaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species
55042010	Kraftia dichotoma	Shepley & Womersley	species	Plantae	Rhodophyta	Florideophyceae	Gigartinales	Dumontiaceae			
55133088	Kuetzingia angusta	Harvey	species	Plantae	Rhodophyta	Florideophyceae	Gigartinales	Rhodomelaceae			
55133089	Kuetzingia canaliculata	(Greville) Sonder	species	Plantae	Rhodophyta	Florideophyceae	Gigartinales	Rhodomelaceae			
https://id.biodiversity.org.au/node/apni/2893469	Lagenophora huegelii	Benth.	species	Plantae	Charophyta	Equisetopsida	Asterales	Asteraceae			
https://id.biodiversity.org.au/node/apni/2917995	Lagurus ovatus	L.	species	Plantae	Charophyta	Equisetopsida	Poales	Poaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species
https://id.biodiversity.org.au/node/apni/2902376	Lasiopetalum floribundum	Benth.	species	Plantae	Charophyta	Equisetopsida	Malvales	Malvaceae			
https://id.biodiversity.org.au/name/apni/9349594	Lasiopetalum occidentale	K.A. Sheph. & C.F. Wilkins	species	Plantae	Charophyta	Equisetopsida	Malvales	Malvaceae			
NZOR-6-37652	Laurencia elata	(C. Agardh) Hook. f. & Harv.	species	Plantae	Rhodophyta	Florideophyceae	Ceramiales	Rhodomelaceae			
55133008	Laurencia filiformis	(C. Agardh) Montagne	species	Plantae	Rhodophyta	Florideophyceae	Ceramiales	Rhodomelaceae			
https://id.biodiversity.org.au/node/apni/2897938	Lemna disperma	Hegelm.	species	Plantae	Charophyta	Equisetopsida	Alismatales	Araceae			
https://id.biodiversity.org.au/node/apni/2913538	Lepidium rotundum	(Desv.) DC.	species	Plantae	Charophyta	Equisetopsida	Brassicales	Brassicaceae			
https://id.biodiversity.org.au/node/apni/2907847	Lepidosperma angustatum	R.Br.	species	Plantae	Charophyta	Equisetopsida	Poales	Cyperaceae			
https://id.biodiversity.org.au/node/apni/7121288	Lepidosperma calcicola	R.L. Barrett & K.L. Wilson	species	Plantae	Charophyta	Equisetopsida	Poales	Cyperaceae			
https://id.biodiversity.org.au/node/apni/2914832	Lepidosperma effusum	Benth.	species	Plantae	Charophyta	Equisetopsida	Poales	Cyperaceae			
https://id.biodiversity.org.au/node/apni/2896726	Lepidosperma gladiatum	Labill.	species	Plantae	Charophyta	Equisetopsida	Poales	Cyperaceae			
https://id.biodiversity.org.au/node/apni/2895560	Lepidosperma leptostachyum	Benth.	species	Plantae	Charophyta	Equisetopsida	Poales	Cyperaceae			
https://id.biodiversity.org.au/node/apni/2919436	Lepidosperma squamatum	Labill.	species	Plantae	Charophyta	Equisetopsida	Poales	Cyperaceae			
https://id.biodiversity.org.au/node/apni/2900500	Lepidosperma tetraquetrum	Nees	species	Plantae	Charophyta	Equisetopsida	Poales	Cyperaceae			
https://id.biodiversity.org.au/taxon/apni/51293740	Leptocarpus coangustatus	Nees	species	Plantae	Charophyta	Equisetopsida	Poales	Restionaceae			
https://id.biodiversity.org.au/taxon/apni/51293793	Leptocarpus scariosus	R.Br.	species	Plantae	Charophyta	Equisetopsida	Poales	Restionaceae			
https://id.biodiversity.org.au/name/apni/247171	Leptocarpus thysananthus	B.G. Briggs	species	Plantae	Charophyta	Equisetopsida	Poales	Restionaceae			
https://id.biodiversity.org.au/name/apni/60226	Leptoceras menziesii	(R.Br.) Lindl.	species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae			
https://id.biodiversity.org.au/node/apni/2909051	Leptomeria scrobiculata	R.Br.	species	Plantae	Charophyta	Equisetopsida	Santalales	Santalaceae			
https://id.biodiversity.org.au/node/apni/2917266	Leptomeria squarrolosa	R.Br.	species	Plantae	Charophyta	Equisetopsida	Santalales	Santalaceae			
https://id.biodiversity.org.au/node/apni/2895169	Leptospermum erubescens	Schauer	species	Plantae	Charophyta	Equisetopsida	Myrtales	Myrtaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia
https://id.biodiversity.org.au/node/apni/2914117	Leucophyta brownii	Cass.	species	Plantae	Charophyta	Equisetopsida	Asterales	Asteraceae			
https://id.biodiversity.org.au/node/apni/2896873	Leucopogon australis	R.Br.	species	Plantae	Charophyta	Equisetopsida	Ericales	Ericaceae			
https://id.biodiversity.org.au/node/apni/2888913	Leucopogon capitellatus	DC.	species	Plantae	Charophyta	Equisetopsida	Ericales	Ericaceae			
https://id.biodiversity.org.au/node/apni/2888147	Leucopogon gilbertii	Stschegl.	species	Plantae	Charophyta	Equisetopsida	Ericales	Ericaceae			
https://id.biodiversity.org.au/taxon/apni/51284002	Leucopogon glabellus	R.Br.	species	Plantae	Charophyta	Equisetopsida	Ericales	Ericaceae			
https://id.biodiversity.org.au/node/apni/2886450	Leucopogon interstans	Hislop	species	Plantae	Charophyta	Equisetopsida	Ericales	Ericaceae			
https://id.biodiversity.org.au/node/apni/3601859	Leucopogon obovatus	(Labill.) R.Br.	species	Plantae	Charophyta	Equisetopsida	Ericales	Ericaceae			

Species	Species Name	Scientific Name Authority	Taxon Rank	Kingdom	Phylum	Class	Order	Family	Vernacular Name	Conservation	Invasive
https://id.biodiversity.org.au/node/apni/2919524	Leucopogon pendulus	R.Br.	species	Plantae	Charophyta	Equisetopsida	Ericales	Ericaceae			
https://id.biodiversity.org.au/node/apni/2905202	Leucopogon propinquus	R.Br.	species	Plantae	Charophyta	Equisetopsida	Ericales	Ericaceae			
https://id.biodiversity.org.au/node/apni/2898177	Leucopogon racemosus	DC.	species	Plantae	Charophyta	Equisetopsida	Ericales	Ericaceae			
https://id.biodiversity.org.au/node/apni/2908100	Leucopogon verticillatus	R.Br.	species	Plantae	Charophyta	Equisetopsida	Ericales	Ericaceae			
https://id.biodiversity.org.au/node/apni/2911951	Levenhookia pauciflora	Benth.	species	Plantae	Charophyta	Equisetopsida	Asterales	Stylidiaceae			
https://id.biodiversity.org.au/node/apni/255025020	Liagora wilsoniana	Zeh	species	Plantae	Rhodophyta	Floriellophyceae	Nemaliales	Liagoraceae			
https://id.biodiversity.org.au/node/apni/2886820	Limonium sinuatum	(L.) Mill.	species	Plantae	Charophyta	Equisetopsida	Caryophyllales	Plumbaginaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia
https://id.biodiversity.org.au/node/apni/2904282	Liparophyllum lasiospermum	(F.Muell.) Tippery & Les	species	Plantae	Charophyta	Equisetopsida	Asterales	Menyanthaceae			
https://id.biodiversity.org.au/taxon/apni/51288662	Liparophyllum latifolium	(Benth.) Tippery & Les	species	Plantae	Charophyta	Equisetopsida	Asterales	Menyanthaceae			
https://id.biodiversity.org.au/node/apni/2915025	Lobelia tenuior	R.Br.	species	Plantae	Charophyta	Equisetopsida	Asterales	Campanulaceae			
https://id.biodiversity.org.au/node/apni/2911683	Lobularia maritima	(L.) Desv.	species	Plantae	Charophyta	Equisetopsida	Brassicales	Brassicaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia Global Invasive Species Information Network (GISIN)
https://id.biodiversity.org.au/node/apni/2915625	Logania vaginalis	(Labill.) F.Muell.	species	Plantae	Charophyta	Equisetopsida	Gentianales	Loganiaceae			
https://id.biodiversity.org.au/node/apni/2888174	Lomandra caespitosa	(F.Muell. ex Benth.) Ewart	species	Plantae	Charophyta	Equisetopsida	Asparagales	Asparagaceae			
https://id.biodiversity.org.au/node/apni/2894809	Lomandra integra	T.D.Macfarl.	species	Plantae	Charophyta	Equisetopsida	Asparagales	Asparagaceae			
https://id.biodiversity.org.au/node/apni/2911793	Lomandra nigricans	T.D.Macfarl.	species	Plantae	Charophyta	Equisetopsida	Asparagales	Asparagaceae			
https://id.biodiversity.org.au/node/apni/2913413	Lomandra pauciflora	(R.Br.) Ewart	species	Plantae	Charophyta	Equisetopsida	Asparagales	Asparagaceae			
https://id.biodiversity.org.au/node/apni/2893609	Lomandra sericea	(Endl.) Ewart	species	Plantae	Charophyta	Equisetopsida	Asparagales	Asparagaceae			
https://id.biodiversity.org.au/name/apni/101016	Lyperanthus serratus	Lindl.	species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae			
https://id.biodiversity.org.au/node/apni/2915937	Macrozamia riedlei	(Fisch. ex Gaudich.) C.A.Gardner	species	Plantae	Charophyta	Equisetopsida	Cycadales	Zamiaceae			
https://id.biodiversity.org.au/node/apni/2914187	Marianthus candidus	HÄ%gel ex Endl.	species	Plantae	Charophyta	Equisetopsida	Apiales	Pittosporaceae			
https://id.biodiversity.org.au/node/apni/2903542	Marianthus tenuis	Benth.	species	Plantae	Charophyta	Equisetopsida	Apiales	Pittosporaceae			
https://id.biodiversity.org.au/node/apni/255130191	Medeiothamnion halurus	(Harvey) E.Gordon	species	Plantae	Rhodophyta	Floriellophyceae	Ceramiales	Wrangeliaceae			
https://id.biodiversity.org.au/node/apni/2915205	Melaleuca huegelii	Endl.	species	Plantae	Charophyta	Equisetopsida	Myrtales	Myrtaceae			
https://id.biodiversity.org.au/node/apni/2913065	Melaleuca incana	R.Br.	species	Plantae	Charophyta	Equisetopsida	Myrtales	Myrtaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia
https://id.biodiversity.org.au/node/apni/2896656	Melaleuca preissiana	Schauer	species	Plantae	Charophyta	Equisetopsida	Myrtales	Myrtaceae			
https://id.biodiversity.org.au/node/apni/2915917	Melaleuca systena	Craven	species	Plantae	Charophyta	Equisetopsida	Myrtales	Myrtaceae			
https://id.biodiversity.org.au/node/apni/2915420	Mentha aquatica	L.	species	Plantae	Charophyta	Equisetopsida	Lamiales	Lamiaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia Global Invasive Species Information Network (GISIN)
https://id.biodiversity.org.au/node/apni/2896543	Mentha pulegium	L.	species	Plantae	Charophyta	Equisetopsida	Lamiales	Lamiaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia Global Invasive Species Information Network (GISIN)
https://id.biodiversity.org.au/node/apni/2921022	Mercurialis annua	L.	species	Plantae	Charophyta	Equisetopsida	Malpighiales	Euphorbiaceae	Dog's mercury		GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species
https://id.biodiversity.org.au/node/apni/2887332	Mesomelaena graciliceps	(C.B.Clarke) K.L.Wilson	species	Plantae	Charophyta	Equisetopsida	Poales	Cyperaceae			
https://id.biodiversity.org.au/node/apni/2903256	Mesomelaena tetragona	(R.Br.) Benth.	species	Plantae	Charophyta	Equisetopsida	Poales	Cyperaceae			
https://id.biodiversity.org.au/node/apni/255121069	Metagoniolithon chara	(Lamarck) Duckler	species	Plantae	Rhodophyta	Floriellophyceae	Corallinales	Corallinaceae			
https://id.biodiversity.org.au/node/apni/255121070	Metagoniolithon radiatum	(Lamarck) Duckler	species	Plantae	Rhodophyta	Floriellophyceae	Corallinales	Corallinaceae			
https://id.biodiversity.org.au/node/apni/255121003	Metagoniolithon stelliferum	(Lamarck) Weber-van Bosse	species	Plantae	Rhodophyta	Floriellophyceae	Corallinales	Corallinaceae			
https://id.biodiversity.org.au/node/apni/255121071	Metamastophora flabellata	(Sonder) Setchell	species	Plantae	Rhodophyta	Floriellophyceae	Corallinales	Corallinaceae			
https://id.biodiversity.org.au/node/apni/2916956	Microlaena stipoides	(Labill.) R.Br.	species	Plantae	Charophyta	Equisetopsida	Poales	Poaceae	«PÄ»etÄ«		GRIIS - Global Register of Introduced and Invasive Species - Australia
https://id.biodiversity.org.au/name/apni/73792	Microtis alba	R.Br.	species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae			
https://id.biodiversity.org.au/name/apni/73914	Microtis brownii	Rchb.f.	species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae			
https://id.biodiversity.org.au/name/apni/73920	Microtis densiflora	(Benth.) M.A.Clem.	species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae			
https://id.biodiversity.org.au/name/apni/74001	Microtis media	R.Br.	species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae			

Species	Species Name	Scientific Name Authority	Taxon Rank	Kingdom	Phylum	Class	Order	Family	Vernacular Name	Conservation	Invasive
https://id.biodiversity.org.au/node/apni/2906267	Millotia myosotidifolia	(Benth.) Steetz	species	Plantae	Charophyta	Equisetopsida	Asterales	Asteraceae			
https://id.biodiversity.org.au/node/apni/2904122	Millotia tenuifolia	Cass.	species	Plantae	Charophyta	Equisetopsida	Asterales	Asteraceae			
https://id.biodiversity.org.au/node/apni/2904253	Monotaxis occidentalis	Endl.	species	Plantae	Charophyta	Equisetopsida	Malpighiales	Euphorbiaceae			
https://id.biodiversity.org.au/node/apni/4750977	Muehlenbeckia adpressa	(Labill.) Meisn.	species	Plantae	Charophyta	Equisetopsida	Caryophyllales	Polygonaceae			
https://id.biodiversity.org.au/node/apni/2904981	Myoporium insulare	R.Br.	species	Plantae	Charophyta	Equisetopsida	Lamiales	Scrophulariaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia
https://id.biodiversity.org.au/node/apni/2908996	Myoporium oppositifolium	R.Br.	species	Plantae	Charophyta	Equisetopsida	Lamiales	Scrophulariaceae			
https://id.biodiversity.org.au/node/apni/2919702	Myriophyllum salsugineum	Orchard	species	Plantae	Charophyta	Equisetopsida	Saxifragales	Haloragaceae			
55059001	Nizymenia conferta	(Sonder) Chiovitti, Saunders & Kraft	species	Plantae	Rhodophyta	Florideophyceae	Gigartinales	Nizymeniaceae			
55059002	Nizymenia furcata	(Harvey) Chiovitti, Saunders & Kraft	species	Plantae	Rhodophyta	Florideophyceae	Gigartinales	Nizymeniaceae			
https://id.biodiversity.org.au/node/apni/2889663	Nuytsia floribunda	(Labill.) R.Br. ex G.Don	species	Plantae	Charophyta	Equisetopsida	Santalales	Loranthaceae	Western Australian Christmas tree		
https://id.biodiversity.org.au/node/apni/2915964	Olearia axillaris	(DC.) F.Muell. ex Benth.	species	Plantae	Charophyta	Equisetopsida	Asterales	Asteraceae			
https://id.biodiversity.org.au/node/apni/2898016	Olearia elaeophila	(A.Cunn. ex DC.) F.Muell. ex Benth.	species	Plantae	Charophyta	Equisetopsida	Asterales	Asteraceae			
https://id.biodiversity.org.au/node/apni/2903906	Olearia paucidentata	(Steetz) F.Muell. ex Benth.	species	Plantae	Charophyta	Equisetopsida	Asterales	Asteraceae			
https://id.biodiversity.org.au/node/apni/2905512	Olearia rudis	(Benth.) F.Muell. ex Benth.	species	Plantae	Charophyta	Equisetopsida	Asterales	Asteraceae			
https://id.biodiversity.org.au/node/apni/2886612	Oncosiphon suffruticosum	(L.) Kallersjo	species	Plantae	Charophyta	Equisetopsida	Asterales	Asteraceae			GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species
https://id.biodiversity.org.au/node/apni/2891338	Opercularia echinocephala	Benth.	species	Plantae	Charophyta	Equisetopsida	Gentianales	Rubiaceae			
https://id.biodiversity.org.au/node/apni/2912636	Opercularia hispida	Endl.	species	Plantae	Charophyta	Equisetopsida	Gentianales	Rubiaceae			
https://id.biodiversity.org.au/node/apni/2913924	Opercularia scabrata	Schldl.	species	Plantae	Charophyta	Equisetopsida	Gentianales	Rubiaceae			
https://id.biodiversity.org.au/node/apni/2893649	Opercularia vaginata	Labill. ex Juss.	species	Plantae	Charophyta	Equisetopsida	Gentianales	Rubiaceae			
https://id.biodiversity.org.au/node/apni/2914900	Opercularia volubilis	R.Br. ex Benth.	species	Plantae	Charophyta	Equisetopsida	Gentianales	Rubiaceae			
https://id.biodiversity.org.au/taxon/apni/51288225	Orianthera serpyllifolia	(R.Br.) C.S.P. Foster & B.J. Conn	species	Plantae	Charophyta	Equisetopsida	Gentianales	Loganiaceae			
https://id.biodiversity.org.au/taxon/apni/51288688	Ornduffia parnassifolia	(Labill.) Tippet & Les	species	Plantae	Charophyta	Equisetopsida	Asterales	Menyanthaceae			
https://id.biodiversity.org.au/node/apni/2903083	Orobanche minor	Sm.	species	Plantae	Charophyta	Equisetopsida	Lamiales	Orobanchaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species
55133148	Osmundaria prolifera	J.V. Lamouroux	species	Plantae	Rhodophyta			Rhodomelaceae			
https://id.biodiversity.org.au/node/apni/2917706	Oxalis incarnata	L.	species	Plantae	Charophyta	Equisetopsida	Oxalidales	Oxalidaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia
https://id.biodiversity.org.au/taxon/apni/51291069	Parentucellia latifolia	(L.) Caruel	species	Plantae	Charophyta	Equisetopsida	Lamiales	Orobanchaceae	Sticky bartsia		GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species
https://id.biodiversity.org.au/node/apni/2904580	Patersonia occidentalis	R.Br.	species	Plantae	Charophyta	Equisetopsida	Asparagales	Iridaceae			
https://id.biodiversity.org.au/node/apni/2908467	Patersonia umbrosa	Endl.	species	Plantae	Charophyta	Equisetopsida	Asparagales	Iridaceae			
https://id.biodiversity.org.au/node/apni/7455751	Pauridia glabella	(R.Br.) Snijman & Kocyan	species	Plantae	Charophyta	Equisetopsida	Asparagales	Hypoxidaceae			
https://id.biodiversity.org.au/node/apni/2908379	Pelargonium alchemilloides	(L.) L'H�r.	species	Plantae	Charophyta	Equisetopsida	Geraniales	Geraniaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species National Weeds Lists
https://id.biodiversity.org.au/node/apni/2908333	Pelargonium capitatum	(L.) L'H�r.	species	Plantae	Charophyta	Equisetopsida	Geraniales	Geraniaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia
https://id.biodiversity.org.au/node/apni/2901876	Pelargonium drummondii	Turcz.	species	Plantae	Charophyta	Equisetopsida	Geraniales	Geraniaceae			
https://id.biodiversity.org.au/node/apni/2894633	Pentapeltis silvatica	(Diels) Domin	species	Plantae	Charophyta	Equisetopsida	Apiales	Apiaceae			
https://id.biodiversity.org.au/node/apni/2892102	Persoonia longifolia	R.Br.	species	Plantae	Charophyta	Equisetopsida	Proteales	Proteaceae			
https://id.biodiversity.org.au/node/apni/2886251	Petrophile axillaris	Meisn.	species	Plantae	Charophyta	Equisetopsida	Proteales	Proteaceae			
https://id.biodiversity.org.au/node/apni/2898563	Petrophile serruriae	R.Br.	species	Plantae	Charophyta	Equisetopsida	Proteales	Proteaceae			
https://id.biodiversity.org.au/node/apni/2900642	Petrorhagia dubia	(Raf.) G. Lopez & Romo	species	Plantae	Charophyta	Equisetopsida	Caryophyllales	Caryophyllaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species
55058003	Phacelocarpus apodus	J. Agardh	species	Plantae	Rhodophyta	Florideophyceae	Gigartinales	Phacelocarpaceae			
55058002	Phacelocarpus peperocarpus	(Poiret) M.J. Wynne, Ardri� & P.C. Silva	species	Plantae	Rhodophyta	Florideophyceae	Gigartinales	Phacelocarpaceae			
NZOR-6-119784	Phacelocarpus sessilis	Harv. ex J. Agardh	species	Plantae	Rhodophyta	Florideophyceae	Gigartinales	Phacelocarpaceae			

Species	Species Name	Scientific Name Authority	Taxon Rank	Kingdom	Phylum	Class	Order	Family	Vernacular Name	Conservation	Invasive
https://id.biodiversity.org.au/node/apni/2886300	<i>Philothea spicata</i>	(A.Rich.) Paul G.Wilson	species	Plantae	Charophyta	Equisetopsida	Sapindales	Rutaceae			Global Invasive Species Information Network (GISIN)
https://id.biodiversity.org.au/node/apni/2915837	<i>Philydrella pygmaea</i>	(R.Br.) Caruel	species	Plantae	Charophyta	Equisetopsida	Commelinales	Philydraceae			
https://id.biodiversity.org.au/node/apni/2903217	<i>Phlebocarya ciliata</i>	R.Br.	species	Plantae	Charophyta	Equisetopsida	Commelinales	Haemodoraceae			
https://id.biodiversity.org.au/node/apni/2916353	<i>Picris angustifolia</i>	DC.	species	Plantae	Charophyta	Equisetopsida	Asterales	Asteraceae			
https://id.biodiversity.org.au/node/apni/2913302	<i>Pimelea clavata</i>	Labill.	species	Plantae	Charophyta	Equisetopsida	Malvales	Thymelaeaceae			
https://id.biodiversity.org.au/node/apni/2906270	<i>Pimelea ferruginea</i>	Labill.	species	Plantae	Charophyta	Equisetopsida	Malvales	Thymelaeaceae			
https://id.biodiversity.org.au/node/apni/2888598	<i>Pimelea hispida</i>	R.Br.	species	Plantae	Charophyta	Equisetopsida	Malvales	Thymelaeaceae			
https://id.biodiversity.org.au/node/apni/2890451	<i>Pimelea imbricata</i>	R.Br.	species	Plantae	Charophyta	Equisetopsida	Malvales	Thymelaeaceae			
https://id.biodiversity.org.au/node/apni/2908504	<i>Pimelea rosea</i>	R.Br.	species	Plantae	Charophyta	Equisetopsida	Malvales	Thymelaeaceae			
https://id.biodiversity.org.au/node/apni/2892341	<i>Pimelea spectabilis</i>	Lindl.	species	Plantae	Charophyta	Equisetopsida	Malvales	Thymelaeaceae			
https://id.biodiversity.org.au/node/apni/2905275	<i>Pimelea sylvestris</i>	R.Br.	species	Plantae	Charophyta	Equisetopsida	Malvales	Thymelaeaceae			
https://id.biodiversity.org.au/node/apni/7056827	<i>Pythocarpa cordata</i>	(DC.) Schmidt-Leb. & R.L.Barrett	species	Plantae	Charophyta	Equisetopsida	Asterales	Asteraceae			
https://id.biodiversity.org.au/node/apni/7057513	<i>Pythocarpa ramosa</i>	(DC.) Schmidt-Leb. & R.L.Barrett	species	Plantae	Charophyta	Equisetopsida	Asterales	Asteraceae			
https://id.biodiversity.org.au/node/apni/2907927	<i>Plantago exilis</i>	Decne.	species	Plantae	Charophyta	Equisetopsida	Lamiales	Plantaginaceae			
https://id.biodiversity.org.au/node/apni/2889667	<i>Platysace compressa</i>	(Labill.) C.Norman	species	Plantae	Charophyta	Equisetopsida	Apiales	Apiaceae			
https://id.biodiversity.org.au/node/apni/2903788	<i>Platysace filiformis</i>	(Bunge) C.Norman	species	Plantae	Charophyta	Equisetopsida	Apiales	Apiaceae			
https://id.biodiversity.org.au/node/apni/2896233	<i>Platysace juncea</i>	(Bunge) C.Norman	species	Plantae	Charophyta	Equisetopsida	Apiales	Apiaceae			
https://id.biodiversity.org.au/node/apni/2920858	<i>Platysace tenuissima</i>	(Benth.) C.Norman	species	Plantae	Charophyta	Equisetopsida	Apiales	Apiaceae			
NZOR-6-33381	<i>Plocamium cartilagineum</i>	(L.) P.S.Dixon	species	Plantae	Rhodophyta	Flordeoiphyceae	Plocamiales	Plocamiaceae			
55090004	<i>Plocamium mertensii</i>	(Greville) Harvey	species	Plantae	Rhodophyta	Flordeoiphyceae	Plocamiales	Plocamiaceae			
55090009	<i>Plocamium preissianum</i>	Sonder	species	Plantae	Rhodophyta	Flordeoiphyceae	Plocamiales	Plocamiaceae			
https://id.biodiversity.org.au/name/apni/9605937	<i>Plumatichilos serotinus</i>	D.L.Jones, C.J.French & M.A.Clem.	species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae			
https://id.biodiversity.org.au/node/apni/2914796	<i>Poa homomalla</i>	Nees	species	Plantae	Charophyta	Equisetopsida	Poales	Poaceae			
https://id.biodiversity.org.au/node/apni/2915173	<i>Poa porphyroclados</i>	Nees	species	Plantae	Charophyta	Equisetopsida	Poales	Poaceae			
https://id.biodiversity.org.au/node/apni/2894055	<i>Podocarpus drouynianus</i>	F.Muell.	species	Plantae	Charophyta	Equisetopsida	Pinales	Podocarpaceae			
https://id.biodiversity.org.au/node/apni/2891893	<i>Podolepis gracilis</i>	Graham	species	Plantae	Charophyta	Equisetopsida	Asterales	Asteraceae			
https://id.biodiversity.org.au/node/apni/2890292	<i>Podolepis lessonii</i>	(Cass.) Benth.	species	Plantae	Charophyta	Equisetopsida	Asterales	Asteraceae			
https://id.biodiversity.org.au/node/apni/2895392	<i>Polygala myrtifolia</i>	L.	species	Plantae	Charophyta	Equisetopsida	Fabales	Polygalaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia
https://id.biodiversity.org.au/node/apni/2910698	<i>Poranthera drummondii</i>	Klotzsch	species	Plantae	Charophyta	Equisetopsida	Malpighiales	Phyllanthaceae			
https://id.biodiversity.org.au/node/apni/2920874	<i>Poranthera huegelii</i>	Klotzsch	species	Plantae	Charophyta	Equisetopsida	Malpighiales	Phyllanthaceae			
https://id.biodiversity.org.au/name/apni/104509	<i>Prasophyllum fimbria</i>	Rchb.f.	species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae			
https://id.biodiversity.org.au/name/apni/105032	<i>Prasophyllum hians</i>	Rchb.f.	species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae			
https://id.biodiversity.org.au/name/apni/106157	<i>Prasophyllum regium</i>	R.S.Rogers	species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae			
https://id.biodiversity.org.au/name/apni/3707332	<i>Prasophyllum</i> sp. early (G.Brockman GBB 1626)		species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae			
NZOR-6-59550	<i>Pterocladia lucida</i>	(Turner) J.Agarth	species	Plantae	Rhodophyta			Pterocladaceae			
https://id.biodiversity.org.au/name/apni/237084	<i>Pterostylis brevisepala</i>	J.R.Wheeler, N.G.Marchant & M.Lewington	species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae			
https://id.biodiversity.org.au/name/apni/51258529	<i>Pterostylis ectypha</i>	(D.L.Jones & C.J.French) D.L.Jones & C.J.French	species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae			
https://id.biodiversity.org.au/name/apni/74992	<i>Pterostylis nana</i>	R.Br.	species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae			
https://id.biodiversity.org.au/name/apni/75560	<i>Pterostylis rogersii</i>	E.Coleman	species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae			
https://id.biodiversity.org.au/name/apni/75971	<i>Pterostylis vittata</i>	Lindl.	species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae			
55130221	<i>Ptilocladia vestita</i>	(Harvey) Wollaston	species	Plantae	Rhodophyta	Flordeoiphyceae	Ceramiales	Ceramiaceae			

Species	Species Name	Scientific Name Authority	Taxon Rank	Kingdom	Phylum	Class	Order	Family	Vernacular Name	Conservation	Invasive
https://id.biodiversity.org.au/node/apni/2920050	<i>Ptilotus drummondii</i>	(Moq.) F. Muell.	species	Plantae	Charophyta	Equisetopsida	Caryophyllales	Amaranthaceae			
https://id.biodiversity.org.au/node/apni/2891179	<i>Ptilotus sericostachyus</i>	(Nees) F. Muell.	species	Plantae	Charophyta	Equisetopsida	Caryophyllales	Amaranthaceae			
https://id.biodiversity.org.au/node/apni/2891611	<i>Ptilotus stilingii</i>	(Lindl.) F. Muell.	species	Plantae	Charophyta	Equisetopsida	Caryophyllales	Amaranthaceae			
https://id.biodiversity.org.au/node/ausmoss/10107316	<i>Ptychostomum angustifolium</i>	(Brid.) J.R.Spence & H.P.Ramsay	species	Plantae	Bryophyta	Bryopsida	Bryales	Bryaceae			
https://id.biodiversity.org.au/node/ausmoss/10108619	<i>Racopilum cuspidigerum</i>	(SchwÄagr.) Ä...ngstr.	species	Plantae	Bryophyta	Bryopsida	Hypnendrales	Racopilaceae			
https://id.biodiversity.org.au/node/apni/2890275	<i>Ranunculus colonorum</i>	Endl.	species	Plantae	Charophyta	Equisetopsida	Ranunculales	Ranunculaceae			
https://id.biodiversity.org.au/node/apni/2907093	<i>Ranunculus muricatus</i>	L.	species	Plantae	Charophyta	Equisetopsida	Ranunculales	Ranunculaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia
https://id.biodiversity.org.au/node/apni/2888230	<i>Rhadinothamnus anceps</i>	(DC.) Paul G. Wilson	species	Plantae	Charophyta	Equisetopsida	Sapindales	Rutaceae			Global Invasive Species Information Network (GISIN)
https://id.biodiversity.org.au/node/apni/2913396	<i>Rhagodia baccata</i>	(Labill.) Moq.	species	Plantae	Charophyta	Equisetopsida	Caryophyllales	Chenopodiaceae			
55053003	<i>Rhodoglossum gigartinoides</i>	(Sonder) Edyvane & Womersley	species	Plantae	Rhodophyta	Flordeiophyceae	Gigartinales	Gigartinaceae			
55042011	<i>Rhodopeltis australis</i>	(Harvey) Harvey	species	Plantae	Rhodophyta	Flordeiophyceae	Gigartinales	Dumontiaceae			
NZOR-6-28285	<i>Rhodymenia sonderi</i>	P.C.Silva	species	Plantae	Rhodophyta	Flordeiophyceae	Rhodymeniales	Rhodymeniaceae			
https://id.biodiversity.org.au/node/apni/2896357	<i>Romulea rosea</i>	(L.) Eckl.	species	Plantae	Charophyta	Equisetopsida	Asparagales	Iridaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species
https://id.biodiversity.org.au/node/ausmoss/10110398	<i>Rosulabryum campylotheicum</i>	(Taylor) J.R.Spence	species	Plantae	Bryophyta	Bryopsida	Bryales	Bryaceae			
https://id.biodiversity.org.au/node/apni/2908709	<i>Rubus laudatus</i>	A. Berger	species	Plantae	Charophyta	Equisetopsida	Rosales	Rosaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia WA State Notifiable Pests
https://id.biodiversity.org.au/node/apni/2911607	<i>Rytidosperma pilosum</i>	(R.Br.) Connor & Edgar	species	Plantae	Charophyta	Equisetopsida	Poales	Poaceae			
https://id.biodiversity.org.au/node/apni/2915685	<i>Rytidosperma setaceum</i>	(R.Br.) Connor & Edgar	species	Plantae	Charophyta	Equisetopsida	Poales	Poaceae			
https://id.biodiversity.org.au/node/apni/2908785	<i>Sarcocornia blackiana</i>	(Ulbr.) A.J.Scott	species	Plantae	Charophyta	Equisetopsida	Caryophyllales	Chenopodiaceae			
https://id.biodiversity.org.au/node/apni/2906539	<i>Scaevola anchusifolia</i>	Benth.	species	Plantae	Charophyta	Equisetopsida	Asterales	Goodeniaceae			
https://id.biodiversity.org.au/node/apni/2918481	<i>Scaevola calliptera</i>	Benth.	species	Plantae	Charophyta	Equisetopsida	Asterales	Goodeniaceae			
https://id.biodiversity.org.au/node/apni/2893977	<i>Scaevola crassifolia</i>	Labill.	species	Plantae	Charophyta	Equisetopsida	Asterales	Goodeniaceae			
https://id.biodiversity.org.au/node/apni/2917770	<i>Scaevola glandulifera</i>	DC.	species	Plantae	Charophyta	Equisetopsida	Asterales	Goodeniaceae			
https://id.biodiversity.org.au/node/apni/2889975	<i>Scaevola globulifera</i>	Labill.	species	Plantae	Charophyta	Equisetopsida	Asterales	Goodeniaceae			
https://id.biodiversity.org.au/node/apni/2911395	<i>Scaevola microphylla</i>	(de Vriese) Benth.	species	Plantae	Charophyta	Equisetopsida	Asterales	Goodeniaceae			
https://id.biodiversity.org.au/node/apni/2916912	<i>Scaevola nitida</i>	R.Br.	species	Plantae	Charophyta	Equisetopsida	Asterales	Goodeniaceae			
https://id.biodiversity.org.au/node/apni/2913099	<i>Schoenus bifidus</i>	(Nees) Boeckeler	species	Plantae	Charophyta	Equisetopsida	Poales	Cyperaceae			
https://id.biodiversity.org.au/node/apni/2893349	<i>Schoenus curvifolius</i>	(R.Br.) Poir.	species	Plantae	Charophyta	Equisetopsida	Poales	Cyperaceae			
https://id.biodiversity.org.au/node/apni/2918334	<i>Schoenus grandiflorus</i>	(Nees ex Lehmann) F. Muell.	species	Plantae	Charophyta	Equisetopsida	Poales	Cyperaceae			
https://id.biodiversity.org.au/node/apni/2896412	<i>Schoenus latitans</i>	S.T.Blake	species	Plantae	Charophyta	Equisetopsida	Poales	Cyperaceae			
https://id.biodiversity.org.au/node/apni/2888386	<i>Schoenus rigens</i>	S.T.Blake	species	Plantae	Charophyta	Equisetopsida	Poales	Cyperaceae			
https://id.biodiversity.org.au/node/apni/2916328	<i>Schoenus sublateralis</i>	(Steud.) C.B. Clarke	species	Plantae	Charophyta	Equisetopsida	Poales	Cyperaceae			
https://id.biodiversity.org.au/node/ausmoss/10113352	<i>Sematophyllum subhumile</i>	(MÄÄsil.Hal.) M.Fleisch.	species	Plantae	Bryophyta	Bryopsida	Hypnales	Sematophyllaceae			
https://id.biodiversity.org.au/node/apni/2910676	<i>Senecio elegans</i>	L.	species	Plantae	Charophyta	Equisetopsida	Asterales	Asteraceae			
https://id.biodiversity.org.au/name/apni/242122	<i>Senecio lautus</i>	G.Forst.	species	Plantae	Charophyta	Equisetopsida	Asterales	Asteraceae			
https://id.biodiversity.org.au/node/apni/2888279	<i>Senecio multicaulis</i>	A.Rich.	species	Plantae	Charophyta	Equisetopsida	Asterales	Asteraceae			
https://id.biodiversity.org.au/node/apni/2917792	<i>Senecio pinnatifolius</i>	A.Rich.	species	Plantae	Charophyta	Equisetopsida	Asterales	Asteraceae			
https://id.biodiversity.org.au/node/apni/2893478	<i>Senecio ramosissimus</i>	DC.	species	Plantae	Charophyta	Equisetopsida	Asterales	Asteraceae			
https://id.biodiversity.org.au/node/apni/2898986	<i>Sherardia arvensis</i>	L.	species	Plantae	Charophyta	Equisetopsida	Gentianales	Rubiaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia
https://id.biodiversity.org.au/node/apni/2900859	<i>Silene gallica</i>	L.	species	Plantae	Charophyta	Equisetopsida	Caryophyllales	Caryophyllaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species
https://id.biodiversity.org.au/node/apni/2892966	<i>Siloxerus filifolius</i>	(Benth.) Ostenf.	species	Plantae	Charophyta	Equisetopsida	Asterales	Asteraceae			

Species	Species Name	Scientific Name Authority	Taxon Rank	Kingdom	Phylum	Class	Order	Family	Vernacular Name	Conservation	Invasive
https://id.biodiversity.org.au/node/apni/2886532	Solanum symonii	H.Eichler	species	Plantae	Charophyta	Equisetopsida	Solanales	Solanaceae			
https://id.biodiversity.org.au/node/apni/2896184	Sowerbaea laxiflora	Lindl.	species	Plantae	Charophyta	Equisetopsida	Asparagales	Asparagaceae			
https://id.biodiversity.org.au/node/apni/255130233	Spermothamnion cymosum	(Harvey) De Toni	species	Plantae	Rhodophyta	Florideophyceae	Ceramiales	Ceramiaceae			
https://id.biodiversity.org.au/node/apni/2899600	Sphenotoma gracilis	(R.Br.) Sweet	species	Plantae	Charophyta	Equisetopsida	Ericales	Ericaceae			
https://id.biodiversity.org.au/node/apni/2897920	Sporandanthus rivularis	B.G.Briggs & L.A.S.Johnson	species	Plantae	Charophyta	Equisetopsida	Poales	Restionaceae			
https://id.biodiversity.org.au/node/apni/2908206	Sporandanthus strictus	(R.Br.) B.G.Briggs & L.A.S.Johnson	species	Plantae	Charophyta	Equisetopsida	Poales	Restionaceae			
https://id.biodiversity.org.au/node/apni/2900587	Spyridium globulosum	(Labill.) Benth.	species	Plantae	Charophyta	Equisetopsida	Rosales	Rhamnaceae			
https://id.biodiversity.org.au/node/apni/2917529	Stenopetalum robustum	Endl.	species	Plantae	Charophyta	Equisetopsida	Brassicales	Brassicaceae			
https://id.biodiversity.org.au/node/apni/2910515	Stenotaphrum secundatum	(Walter) Kuntze	species	Plantae	Charophyta	Equisetopsida	Poales	Poaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species
https://id.biodiversity.org.au/node/apni/2921108	Stylidium acuminatum	(Carlquist) Wege	species	Plantae	Charophyta	Equisetopsida	Asterales	Stylidiaceae			
https://id.biodiversity.org.au/node/apni/2890737	Stylidium adnatum	R.Br.	species	Plantae	Charophyta	Equisetopsida	Asterales	Stylidiaceae			
https://id.biodiversity.org.au/node/apni/2917156	Stylidium amoenum	R.Br.	species	Plantae	Charophyta	Equisetopsida	Asterales	Stylidiaceae			
https://id.biodiversity.org.au/node/apni/2888659	Stylidium androsaceum	Lindl.	species	Plantae	Charophyta	Equisetopsida	Asterales	Stylidiaceae			
https://id.biodiversity.org.au/node/apni/2902939	Stylidium caespitosum	R.Br.	species	Plantae	Charophyta	Equisetopsida	Asterales	Stylidiaceae			
https://id.biodiversity.org.au/node/apni/2909592	Stylidium fasciculatum	R.Br.	species	Plantae	Charophyta	Equisetopsida	Asterales	Stylidiaceae			
https://id.biodiversity.org.au/taxon/apni/51294367	Stylidium hesperium	Wege	species	Plantae	Charophyta	Equisetopsida	Asterales	Stylidiaceae			
https://id.biodiversity.org.au/node/apni/2901489	Stylidium junceum	R.Br.	species	Plantae	Charophyta	Equisetopsida	Asterales	Stylidiaceae			
https://id.biodiversity.org.au/node/apni/2891766	Stylidium lowrieianum	Carlquist	species	Plantae	Charophyta	Equisetopsida	Asterales	Stylidiaceae			
https://id.biodiversity.org.au/node/apni/2904168	Stylidium pygmaeum	R.Br.	species	Plantae	Charophyta	Equisetopsida	Asterales	Stylidiaceae			
https://id.biodiversity.org.au/node/apni/2911942	Stylidium rhynchosarpum	Sond.	species	Plantae	Charophyta	Equisetopsida	Asterales	Stylidiaceae			
https://id.biodiversity.org.au/node/apni/2916440	Stylidium scandens	R.Br.	species	Plantae	Charophyta	Equisetopsida	Asterales	Stylidiaceae			
https://id.biodiversity.org.au/node/apni/2920123	Stylidium spatulatum	R.Br.	species	Plantae	Charophyta	Equisetopsida	Asterales	Stylidiaceae			
https://id.biodiversity.org.au/node/apni/2910072	Taraxis grossa	B.G.Briggs & L.A.S.Johnson	species	Plantae	Charophyta	Equisetopsida	Poales	Restionaceae			
https://id.biodiversity.org.au/node/apni/2916557	Taxandria fragrans	(J.R.Wheeler & N.G.Marchant) J.R.Wheeler & N.G.Marchant	species	Plantae	Charophyta	Equisetopsida	Myrtales	Myrtaceae			
https://id.biodiversity.org.au/taxon/apni/51300349	Taxandria juniperina	(Schauer) J.R.Wheeler & N.G.Marchant	species	Plantae	Charophyta	Equisetopsida	Myrtales	Myrtaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia
https://id.biodiversity.org.au/node/apni/2894898	Taxandria linearifolia	(DC.) J.R.Wheeler & N.G.Marchant	species	Plantae	Charophyta	Equisetopsida	Myrtales	Myrtaceae			
https://id.biodiversity.org.au/node/apni/2900496	Taxandria parviceps	(Schauer) J.R.Wheeler & N.G.Marchant	species	Plantae	Charophyta	Equisetopsida	Myrtales	Myrtaceae			
https://id.biodiversity.org.au/taxon/apni/51283213	Tetraria octandra	(Nees) K&Akk.	species	Plantae	Charophyta	Equisetopsida	Poales	Cyperaceae			
https://id.biodiversity.org.au/node/apni/2902391	Tetrarrhena laevis	R.Br.	species	Plantae	Charophyta	Equisetopsida	Poales	Poaceae			
https://id.biodiversity.org.au/node/apni/2920211	Tetratecha filiformis	Benth.	species	Plantae	Charophyta	Equisetopsida	Oxalidales	Elaeocarpaceae			
https://id.biodiversity.org.au/node/apni/2896026	Tetratecha hirsuta	Lindl.	species	Plantae	Charophyta	Equisetopsida	Oxalidales	Elaeocarpaceae			
https://id.biodiversity.org.au/node/apni/2886663	Tetratecha setigera	Endl.	species	Plantae	Charophyta	Equisetopsida	Oxalidales	Elaeocarpaceae			
https://id.biodiversity.org.au/node/apni/2899487	Thalassodendron pachyrhizum	Hartog	species	Plantae	Charophyta	Equisetopsida	Alismatales	Cymodoceaceae			
https://id.biodiversity.org.au/name/apni/97103	Thelymitra crinita	Lindl.	species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae			
https://id.biodiversity.org.au/name/apni/115296	Thelymitra fuscolutea	R.Br.	species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae			
https://id.biodiversity.org.au/name/apni/115384	Thelymitra graminea	Lindl.	species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae			
https://id.biodiversity.org.au/name/apni/115854	Thelymitra macrophylla	Lindl.	species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae			
https://id.biodiversity.org.au/name/apni/188214	Thelymitra vulgaris	Jeanes	species	Plantae	Charophyta	Equisetopsida	Asparagales	Orchidaceae			
https://id.biodiversity.org.au/node/apni/2893885	Thomasia grandiflora	Lindl.	species	Plantae	Charophyta	Equisetopsida	Malvales	Malvaceae			

Species	Species Name	Scientific Name	Authorship	Taxon Rank	Kingdom	Phylum	Class	Order	Family	Vernacular Name	Conservation	Invasive
https://id.biodiversity.org.au/node/apni/2894817	Thomasia paniculata	Lindl.		species	Plantae	Charophyta	Equisetopsida	Malvales	Malvaceae			
https://id.biodiversity.org.au/node/apni/2908597	Thomasia pauciflora	Lindl.		species	Plantae	Charophyta	Equisetopsida	Malvales	Malvaceae			
https://id.biodiversity.org.au/node/apni/2892440	Thomasia triphylla	(Labill.) J.Gay		species	Plantae	Charophyta	Equisetopsida	Malvales	Malvaceae			
https://id.biodiversity.org.au/node/apni/2896155	Threlkeldia diffusa	R.Br.		species	Plantae	Charophyta	Equisetopsida	Caryophyllales	Chenopodiaceae			
https://id.biodiversity.org.au/node/apni/2899134	Thryptomene saxicola	(A.Cunn. ex Hook.) Schauer		species	Plantae	Charophyta	Equisetopsida	Myrtales	Myrtaceae			
https://id.biodiversity.org.au/node/ausmoss/10118616	Thuidiopsis furfurosa	(Hook.f. & Wilson) M.Fleisch.		species	Plantae	Bryophyta	Bryopsida	Hypnales	Thuidiaceae			
https://id.biodiversity.org.au/node/ausmoss/10119041	Thuidiopsis sparsa	(Hook.f. & Wilson) Broth.		species	Plantae	Bryophyta	Bryopsida	Hypnales	Thuidiaceae			
https://id.biodiversity.org.au/node/apni/255132003	Thuretia quercifolia	Decaisne		species	Plantae	Rhodophyta	Florideophyceae	Ceramiales	Dasyaceae			
https://id.biodiversity.org.au/node/apni/2912118	Thysanotus arenarius	Brittan		species	Plantae	Charophyta	Equisetopsida	Asparagales	Asparagaceae			
https://id.biodiversity.org.au/node/apni/2894540	Thysanotus gracilis	R.Br.		species	Plantae	Charophyta	Equisetopsida	Asparagales	Asparagaceae			
https://id.biodiversity.org.au/taxon/apni/51267100	Thysanotus multiflorus	R.Br.		species	Plantae	Charophyta	Equisetopsida	Asparagales	Asparagaceae			
https://id.biodiversity.org.au/node/apni/2915505	Thysanotus patersonii	R.Br.		species	Plantae	Charophyta	Equisetopsida	Asparagales	Asparagaceae			
https://id.biodiversity.org.au/node/apni/2913946	Trachyantra divaricata	(Jacq.) Kunth		species	Plantae	Charophyta	Equisetopsida	Asparagales	Asphodelaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species
https://id.biodiversity.org.au/node/apni/2886346	Trachymene coerulea	Graham		species	Plantae	Charophyta	Equisetopsida	Apiales	Araliaceae			
https://id.biodiversity.org.au/node/apni/2916273	Trachymene pilosa	Sm.		species	Plantae	Charophyta	Equisetopsida	Apiales	Araliaceae			
https://id.biodiversity.org.au/node/apni/2893326	Tremandra diffusa	R.Br. ex DC.		species	Plantae	Charophyta	Equisetopsida	Oxalidales	Elaeocarpaceae			
https://id.biodiversity.org.au/node/apni/2916077	Tremandra stelligera	R.Br. ex DC.		species	Plantae	Charophyta	Equisetopsida	Oxalidales	Elaeocarpaceae			
https://id.biodiversity.org.au/node/apni/2895152	Tribonanthes australis	Endl.		species	Plantae	Charophyta	Equisetopsida	Commelinales	Haemodoraceae			
https://id.biodiversity.org.au/taxon/apni/51269051	Trichocline spathulata	(A.Cunn. ex DC.) J.H.Willis		species	Plantae	Charophyta	Equisetopsida	Asterales	Asteraceae			
https://id.biodiversity.org.au/node/apni/2910345	Trihaloragis hexandra	(F.Muell.) M.L.Moody & Les		species	Plantae	Charophyta	Equisetopsida	Saxifragales	Haloragaceae			
https://id.biodiversity.org.au/node/apni/2913192	Trymalium ledifolium	Fenzl		species	Plantae	Charophyta	Equisetopsida	Rosales	Rhamnaceae			
https://id.biodiversity.org.au/node/apni/2891523	Trymalium odoratissimum	Lindl.		species	Plantae	Charophyta	Equisetopsida	Rosales	Rhamnaceae			
https://id.biodiversity.org.au/node/apni/255055003	Tylosot obtusatus	(Sonder) J.Agarth		species	Plantae	Rhodophyta	Florideophyceae	Gigartinales	Dicranemataceae			
https://id.biodiversity.org.au/node/apni/2895958	Ursinia speciosa	DC.		species	Plantae	Charophyta	Equisetopsida	Asterales	Asteraceae			GRIIS - Global Register of Introduced and Invasive Species - Australia
https://id.biodiversity.org.au/node/apni/2904814	Utricularia paulineae	Lowrie		species	Plantae	Charophyta	Equisetopsida	Lamiales	Lentibulariaceae			
https://id.biodiversity.org.au/node/apni/2911448	Velleia macrophylla	(Lindl.) Benth.		species	Plantae	Charophyta	Equisetopsida	Asterales	Goodeniaceae			
https://id.biodiversity.org.au/node/apni/2892131	Verbascum creticum	(L.) Cav.		species	Plantae	Charophyta	Equisetopsida	Lamiales	Scrophulariaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species
https://id.biodiversity.org.au/node/apni/2920526	Verbascum virgatum	Stokes		species	Plantae	Charophyta	Equisetopsida	Lamiales	Scrophulariaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species
https://id.biodiversity.org.au/node/apni/2897057	Veronica arvensis	L.		species	Plantae	Charophyta	Equisetopsida	Lamiales	Plantaginaceae			GRIIS - Global Register of Introduced and Invasive Species - Australia Non-native species
https://id.biodiversity.org.au/node/apni/2913390	Veronica distans	R.Br.		species	Plantae	Charophyta	Equisetopsida	Lamiales	Plantaginaceae			
https://id.biodiversity.org.au/node/apni/2908818	Vinca major	L.		species	Plantae	Charophyta	Equisetopsida	Gentianales	Apocynaceae	Periwinkle		GRIIS - Global Register of Introduced and Invasive Species - Australia Global Invasive Species Information Network (GISIN)
https://id.biodiversity.org.au/node/apni/2901926	Viola odorata	L.		species	Plantae	Charophyta	Equisetopsida	Malpighiales	Violaceae	Violet		GRIIS - Global Register of Introduced and Invasive Species - Australia
https://id.biodiversity.org.au/node/apni/2913788	Wahlenbergia gracilenta	Lothian		species	Plantae	Charophyta	Equisetopsida	Asterales	Campanulaceae			
https://id.biodiversity.org.au/node/apni/2918789	Waitzia suaveolens	(Benth.) Druce		species	Plantae	Charophyta	Equisetopsida	Asterales	Asteraceae			
https://id.biodiversity.org.au/node/apni/255130255	Wollastoniella myriophylloides	(Harvey) E.Gordon		species	Plantae	Rhodophyta	Florideophyceae	Ceramiales	Ceramiceae			
https://id.biodiversity.org.au/node/apni/2912176	Wurmbea monantha	(Endl.) T.D.Macfarl.		species	Plantae	Charophyta	Equisetopsida	Liliales	Colchicaceae			
https://id.biodiversity.org.au/node/apni/2905888	Xanthorrhoea preissii	Endl.		species	Plantae	Charophyta	Equisetopsida	Asparagales	Xanthorrhoeaceae			
https://id.biodiversity.org.au/node/apni/2910094	Xanthosia atkinsoniana	F.Muell.		species	Plantae	Charophyta	Equisetopsida	Apiales	Apiaceae			
https://id.biodiversity.org.au/node/apni/2910279	Xanthosia candida	(Benth.) Steud.		species	Plantae	Charophyta	Equisetopsida	Apiales	Apiaceae			
https://id.biodiversity.org.au/taxon/apni/51311057	Xerochrysum macranthum	(Benth.) Paul G.Wilson		species	Plantae	Charophyta	Equisetopsida	Asterales	Asteraceae			

Species	Species Name	Scientific Name	Authorship	Taxon Rank	Kingdom	Phylum	Class	Order	Family	Vernacular Name	Conservation	Invasive
https://id.biodiversity.org.au/node/apni/2917018	Xyris gracillima	F. Muell.		species	Plantae	Charophyta	Equisetopsida	Poales	Xyridaceae			
https://id.biodiversity.org.au/node/apni/6917219	Zantedeschia aethiopica	(L.) Spreng.		species	Plantae	Charophyta	Equisetopsida	Alismatales	Araceae	Arum lily		GRIS - Global Register of Introduced and Invasive Species - Australia Non-native species WA State Notifiable Pests Global Invasive Species Information Network (GISIN)
eb326170-b652-4a0f-80e8-26e0cd0943b6	Crucibulum laeve	(Huds.) Kambly		species	Fungi	Basidiomycota	Agaricomycetes	Agaricales	Agaricaceae		Queensland : Conservation Status Northern Territory : Conservation Status	
9e396944-1d26-4895-afce-8219ded08f38	Amanita xanthocephala	(Berk.) D.A.Reid & R.N.Hilton		species	Fungi	Basidiomycota	Agaricomycetes	Agaricales	Amanitaceae		Queensland : Conservation Status	
2a309a7e-20d9-479f-b835-db4530273301	Anthracocephalum archeri	(Berk.) Pegler		species	Fungi	Basidiomycota	Agaricomycetes	Agaricales	Marasmiaceae		Queensland : Conservation Status	
e6d2b97e-bcd0-4f47-8a21-ad935fce79da	Armillaria luteobubalina	Watling & Kile		species	Fungi	Basidiomycota	Agaricomycetes	Agaricales	Physalacriaceae		Queensland : Conservation Status	
23190e80-b492-4c2d-95a2-8887fdba7eac	Austroboletus occidentalis	Watling & N.M.Greg.		species	Fungi	Basidiomycota	Agaricomycetes	Boletales	Boletaceae		Queensland : Conservation Status	
011002b7-08bb-43cb-904e-382156827125	Boletellus obscurecoccineus	(HÄ¶hn.) Singer		species	Fungi	Basidiomycota	Agaricomycetes	Boletales	Boletaceae		Queensland : Conservation Status	
005d003c-ef61-49d7-a707-89407c058550	Cortinarius archeri	Berk.		species	Fungi	Basidiomycota	Agaricomycetes	Agaricales	Cortinariaceae		Queensland : Conservation Status	
89d7d3c7-0b38-41a7-aa7f-2845a1ca0f03	Cortinarius persplendidus	Gasparini		species	Fungi	Basidiomycota	Agaricomycetes	Agaricales	Cortinariaceae		Queensland : Conservation Status	
2d643cea-1812-4e1f-bb18-83238a40b5d9	Cystangium balpineum	Grgur.		species	Fungi	Basidiomycota	Agaricomycetes	Russulales	Russulaceae		Queensland : Conservation Status	
22adf4ab-cb28-4b05-afe2-ea55c7531f85	Fistulina hepatica	(Schaeff.) With.		species	Fungi	Basidiomycota	Agaricomycetes	Agaricales	Fistulinaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/name/apni/120868	Flavoparmelia haysomii	(C.W.Dodge) Hale		species	Fungi	Ascomycota	Lecanoromycetes	Lecanorales	Parmeliaceae		Queensland : Conservation Status	
58ab8571-0cb8-49c7-9632-282d5486d0e8	Geastrum triplex	Jungh.		species	Fungi	Basidiomycota	Agaricomycetes	Gastrales	Gastraceae		Queensland : Conservation Status	
NZOR-6-21771	Hyperphyscia adglutinata	(FlÄ¶rke) H.Mayrhofer & Poelt		species	Fungi	Ascomycota	Lecanoromycetes	Telochistales	Physciaceae		Queensland : Conservation Status	
61895931-343b-47cc-b12a-2c8589c71e73	Hypoholoma fasciculare	(Huds.) P.Kumm.		species	Fungi	Basidiomycota	Agaricomycetes	Agaricales	Strophariaceae		Queensland : Conservation Status	
5883002e-7bc1-46f9-b926-658797ceb30c	Labyrinthomyces varius	(Rodway) Trappe		species	Fungi	Ascomycota	Pezizomycetes	Pezizales	Tuberaceae		Queensland : Conservation Status	
8ee19333-e091-4a64-87f4-fa494a05b9f9	Laccocephalum mylittae	(Cooke & Masee) NÄ¶Ä¶ez & Ryvarden		species	Fungi	Basidiomycota	Agaricomycetes	Polyporales	Polyporaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/name/apni/155362	Marasmius crinisequi	F. Muell.		species	Fungi	Basidiomycota	Agaricomycetes	Agaricales	Marasmiaceae		Queensland : Conservation Status	
500cdc4e-c73b-4c34-aaf1-829da78dce54	Marasmius elegans	(Cleland) Grgur.		species	Fungi	Basidiomycota	Agaricomycetes	Agaricales	Marasmiaceae		Queensland : Conservation Status	
NZOR-6-70219	Notoparmelia erumpens	(Kurok.) A.Crespo, Ferencova & Divakar		species	Fungi	Ascomycota	Lecanoromycetes	Lecanorales	Parmeliaceae		Queensland : Conservation Status	
880abd7a-b60f-44b6-8c08-ea72f832d2e0	Omphalotus nidiformis	(Berk.) O.K.Mill.		species	Fungi	Basidiomycota	Agaricomycetes	Agaricales	Marasmiaceae		Queensland : Conservation Status	
NZOR-6-1965	Panaeolus papilionaceus	(Bull.) QuÄ¶l.		species	Fungi	Basidiomycota	Agaricomycetes	Agaricales	Bolbitiaceae		Queensland : Conservation Status	
NZOR-6-97062	Phellinus gilvus	(Schwein.) Pat.		species	Fungi	Basidiomycota	Agaricomycetes	Hymenochaetales	Hymenochaetaceae		Queensland : Conservation Status	
1c30b8f8-617c-465b-8e44-8594b64170b8	Piptoporus australiensis	(Wakef.) G.Cunn.		species	Fungi	Basidiomycota	Agaricomycetes	Polyporales	Fomitopsidaceae		Queensland : Conservation Status	
628f718d-28dc-4ad6-97a6-b91fa02927ea	Psathyrella echinata	(Cleland) Grgur.		species	Fungi	Basidiomycota	Agaricomycetes	Agaricales	Psathyrellaceae		Queensland : Conservation Status	
NZOR-6-113645	Pyxine subcinerea	Stirt.		species	Fungi	Ascomycota	Lecanoromycetes	Telochistales	Physciaceae		Queensland : Conservation Status	
590a6784-9633-4fd1-b273-52eaca4ad604	Russula persanguinea	Cleland		species	Fungi	Basidiomycota	Agaricomycetes	Russulales	Russulaceae		Queensland : Conservation Status	
NZOR-6-1856	Tephromela atra	(Huds.) Hafellner		species	Fungi	Ascomycota	Lecanoromycetes	Lecanorales	Tephromelataceae		Queensland : Conservation Status	
NZOR-6-47855	Usnea inermis	Motyka		species	Fungi	Ascomycota	Lecanoromycetes	Lecanorales	Parmeliaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/name/apni/125583	Xanthoparmelia isidiigera	(MÄ¶ll.Arg.) Elix & J.Johnst.		species	Fungi	Ascomycota	Lecanoromycetes	Lecanorales	Parmeliaceae		Queensland : Conservation Status	
https://id.biodiversity.org.au/name/apni/135979	Xanthoparmelia neorimalis	(Elix & P.M.Armstr.) Elix & T.H.Nash		species	Fungi	Ascomycota	Lecanoromycetes	Lecanorales	Parmeliaceae		Queensland : Conservation Status	
fbde5899-a023-4d4f-9c9f-d33c90647714	Batrachochytrium dendrobatidis	Longcore, Pessier & D.K.Nichols		species	Fungi	Chytridiomycota	Chytridiomycetes	Rhizophydiales				GRIS - Global Register of Introduced and Invasive Species - Australia
NZOR-6-11980	Buellia albula	(Nyl.) MÄ¶ll.Arg.		species	Fungi	Ascomycota	Lecanoromycetes	Telochistales	Physciaceae			
1bad8470-6db3-46ae-b38a-8a1d5697c1cb	Hemimyces cephalotricha	(Redhead) Singer		species	Fungi	Basidiomycota	Agaricomycetes	Agaricales	Mycenaceae			
NZOR-6-4547	Henningsomyces candidus	(Pers.) Kuntze		species	Fungi	Basidiomycota	Agaricomycetes	Agaricales	Porothelaeaceae			
NZOR-6-25837	Hohenbuehelia ligulata	(E. Horak) J.A. Cooper		species	Fungi	Basidiomycota	Agaricomycetes	Agaricales	Pleurotaceae			
4fd39d30-04d7-42eb-9d47-14da0199f1fc	Laccocephalum sclerotinum	(Rodway) NÄ¶Ä¶ez & Ryvarden		species	Fungi	Basidiomycota	Agaricomycetes	Polyporales	Polyporaceae			
1c5bd30e-b3b9-400c-a99c-f43b260bf012	Macrotyphula juncea	(Alb. & Schwein.) Berthier		species	Fungi	Basidiomycota	Agaricomycetes	Agaricales	Typhulaceae			
db8c1ea7-6a61-4470-9b3b-e3abce97c5b7	Marasmius alveolaris	Cleland		species	Fungi	Basidiomycota	Agaricomycetes	Agaricales	Marasmiaceae			
2b810ccb-cdba-490d-bccc-801952d533ad	Mesophellia labyrinthina	Trappe et al.		species	Fungi	Basidiomycota	Agaricomycetes	Hysterangiales	Mesophelliaceae			

Species	Species Name	Scientific Name Authorship	Taxon Rank	Kingdom	Phylum	Class	Order	Family	Vernacular Name	Conservation	Invasive
39997875-a008-4234-ab60-1dd5a5f94d59	Mycena tenerrima	(Berk.) QuÄl.	species	Fungi	Basidiomycota	Agaricomycetes	Agaricales	Mycenaceae			
d486f280-f62-4c22-8525-a0d0869a1b20	Neolentinus dactyloides	(Cleland) Redhead & Ginns	species	Fungi	Basidiomycota	Agaricomycetes	Polyporales	Polyporaceae			
NZOR-6-127069	Phaeosphaeriopsis glaucopunctata	(Grev.) M.P.S. CÄmar, M.E. Palm & A.W. Ramaley	species	Fungi	Ascomycota	Dothideomycetes	Pleosporales	Phaeosphaeriaceae			
94f154b9-2cf0-415a-9f34-cfed1815ced2	Plectania rhytidia	(Berk.) Nannf. & Korf	species	Fungi	Ascomycota	Pezizomycetes	Pezizales	Sarcosomataceae			
6086df2b-e495-4c65-914c-cab7c16d23fc	Pleuroflammula praestans	E.Horak	species	Fungi	Basidiomycota	Agaricomycetes	Agaricales	Inocybaceae			
NZOR-6-30170	Ramaria capitata	Corner	species	Fungi	Basidiomycota	Agaricomycetes	Gomphales	Gomphaceae			
NZOR-6-134409	Ramboldia stuartii	(Hampe) Kantvilas & Elix	species	Fungi	Ascomycota	Lecanoromycetes	Lecanorales	Lecanoraceae			
3880e427-e351-41af-8d3c-2d27fee799b	Russula pumicoidea	T.Lebel	species	Fungi	Basidiomycota	Agaricomycetes	Russulales	Russulaceae			
68027715-7d73-4ed8-a777-051e63139ae5	Scleroderma paradoxum	G.W.Beaton	species	Fungi	Basidiomycota	Agaricomycetes	Boletales	Sclerodermataceae			
https://id.biodiversity.org.au/name/apni/121823	Xanthoparmelia parvoincerta	Elix & J.Johnst.	species	Fungi	Ascomycota	Lecanoromycetes	Lecanorales	Parmeliaceae			

APPENDIX 3

Protected Matters Search Tool Report



EPBC Act Protected Matters Report

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

Report created: 10-Feb-2022

[Summary](#)

[Details](#)

[Matters of NES](#)

[Other Matters Protected by the EPBC Act](#)

[Extra Information](#)

[Caveat](#)

[Acknowledgements](#)

Summary

Matters of National Environment Significance

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

World Heritage Properties:	None
National Heritage Places:	None
Wetlands of International Importance (Ramsar)	None
Great Barrier Reef Marine Park:	None
Commonwealth Marine Area:	None
Listed Threatened Ecological Communities:	1
Listed Threatened Species:	52
Listed Migratory Species:	42

Other Matters Protected by the EPBC Act

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

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

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

Commonwealth Lands:	1
Commonwealth Heritage Places:	None
Listed Marine Species:	64
Whales and Other Cetaceans:	12
Critical Habitats:	None
Commonwealth Reserves Terrestrial:	None
Australian Marine Parks:	None
Habitat Critical to the Survival of Marine Turtles:	None

Extra Information

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

State and Territory Reserves:	3
Regional Forest Agreements:	1
Nationally Important Wetlands:	None
EPBC Act Referrals:	6
Key Ecological Features (Marine):	None
Biologically Important Areas:	8
Bioregional Assessments:	None
Geological and Bioregional Assessments:	None

Details

Matters of National Environmental Significance

Listed Threatened Ecological Communities

[\[Resource Information \]](#)

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

Status of Vulnerable, Disallowed and Ineligible are not MNES under the EPBC Act.

Community Name	Threatened Category	Presence Text	Buffer Status
Aquatic Root Mat Community 2 in Caves of the Leeuwin Naturaliste Ridge	Endangered	Community known to occur within area	In buffer area only

Listed Threatened Species

[\[Resource Information \]](#)

Status of Conservation Dependent and Extinct are not MNES under the EPBC Act.

Number is the current name ID.

Scientific Name	Threatened Category	Presence Text	Buffer Status
BIRD			
Anous tenuirostris melanops Australian Lesser Noddy [26000]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Botaurus poiciloptilus Australasian Bittern [1001]	Endangered	Species or species habitat likely to occur within area	In feature area
Calidris canutus Red Knot, Knot [855]	Endangered	Species or species habitat may occur within area	In feature area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area	In feature area
Calyptorhynchus banksii naso Forest Red-tailed Black-Cockatoo, Karrak [67034]	Vulnerable	Species or species habitat known to occur within area	In feature area
Charadrius leschenaultii Greater Sand Plover, Large Sand Plover [877]	Vulnerable	Species or species habitat may occur within area	In buffer area only

Scientific Name	Threatened Category	Presence Text	Buffer Status
Diomedea amsterdamensis Amsterdam Albatross [64405]	Endangered	Species or species habitat may occur within area	In buffer area only
Diomedea dabbenena Tristan Albatross [66471]	Endangered	Species or species habitat may occur within area	In buffer area only
Diomedea epomophora Southern Royal Albatross [89221]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area	In buffer area only
Diomedea exulans Wandering Albatross [89223]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area	In buffer area only
Diomedea sanfordi Northern Royal Albatross [64456]	Endangered	Foraging, feeding or related behaviour likely to occur within area	In buffer area only
Halobaena caerulea Blue Petrel [1059]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Limosa lapponica menzbieri Northern Siberian Bar-tailed Godwit, Russkoye Bar-tailed Godwit [86432]	Critically Endangered	Species or species habitat may occur within area	In buffer area only
Macronectes giganteus Southern Giant-Petrel, Southern Giant Petrel [1060]	Endangered	Species or species habitat may occur within area	In buffer area only
Macronectes halli Northern Giant Petrel [1061]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Numenius madagascariensis Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat may occur within area	In feature area
Pachyptila turtur subantarctica Fairy Prion (southern) [64445]	Vulnerable	Species or species habitat likely to occur within area	In buffer area only

Scientific Name	Threatened Category	Presence Text	Buffer Status
Phoebetria fusca Sooty Albatross [1075]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Pterodroma mollis Soft-plumaged Petrel [1036]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Sternula nereis nereis Australian Fairy Tern [82950]	Vulnerable	Species or species habitat known to occur within area	In feature area
Thalassarche carteri Indian Yellow-nosed Albatross [64464]	Vulnerable	Species or species habitat likely to occur within area	In buffer area only
Thalassarche cauta Shy Albatross [89224]	Endangered	Foraging, feeding or related behaviour likely to occur within area	In buffer area only
Thalassarche impavida Campbell Albatross, Campbell Black-browed Albatross [64459]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Thalassarche melanophris Black-browed Albatross [66472]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Thalassarche steadi White-capped Albatross [64462]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area	In buffer area only
Zanda baudinii listed as Calyptorhynchus baudinii Baudin's Black-Cockatoo, Long-billed Black-cockatoo [87736]	Endangered	Breeding known to occur within area	In feature area
Zanda latirostris listed as Calyptorhynchus latirostris Carnaby's Black Cockatoo, Short-billed Black-cockatoo [87737]	Endangered	Species or species habitat likely to occur within area	In feature area
FISH			
Thunnus maccoyii Southern Bluefin Tuna [69402]	Conservation Dependent	Species or species habitat likely to occur within area	In buffer area only
FROG			

Scientific Name	Threatened Category	Presence Text	Buffer Status
Geocrinia alba White-bellied Frog, Creek Frog [26181]	Critically Endangered	Species or species habitat known to occur within area	In buffer area only
MAMMAL			
Balaenoptera musculus Blue Whale [36]	Endangered	Species or species habitat likely to occur within area	In buffer area only
Dasyurus geoffroii Chuditch, Western Quoll [330]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Eubalaena australis Southern Right Whale [40]	Endangered	Breeding known to occur within area	In buffer area only
Megaptera novaeangliae Humpback Whale [38]	Vulnerable	Congregation or aggregation known to occur within area	In buffer area only
Neophoca cinerea Australian Sea-lion, Australian Sea Lion [22]	Endangered	Species or species habitat may occur within area	In buffer area only
Pseudocheirus occidentalis Western Ringtail Possum, Ngwayir, Womp, Woder, Ngoor, Ngoolangit [25911]	Critically Endangered	Species or species habitat known to occur within area	In feature area
Setonix brachyurus Quokka [229]	Vulnerable	Species or species habitat likely to occur within area	In feature area
OTHER			
Westralunio carteri Carter's Freshwater Mussel, Freshwater Mussel [86266]	Vulnerable	Species or species habitat likely to occur within area	In buffer area only
PLANT			
Banksia nivea subsp. uliginosa Swamp Honeypot [82766]	Endangered	Species or species habitat likely to occur within area	In feature area
Banksia squarrosa subsp. argillacea Whicher Range Dryandra [82769]	Vulnerable	Species or species habitat may occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Caladenia hoffmanii Hoffman's Spider-orchid [56719]	Endangered	Species or species habitat may occur within area	In feature area
Drakaea micrantha Dwarf Hammer-orchid [56755]	Vulnerable	Species or species habitat may occur within area	In feature area
Gastrolobium papilio Butterfly-leaved Gastrolobium [78415]	Endangered	Species or species habitat may occur within area	In feature area
Lambertia echinata subsp. occidentalis Western Prickly Honeysuckle [64528]	Endangered	Species or species habitat may occur within area	In feature area
Reedia spathacea Reedia [2995]	Critically Endangered	Species or species habitat likely to occur within area	In buffer area only

REPTILE

Caretta caretta Loggerhead Turtle [1763]	Endangered	Breeding likely to occur within area	In buffer area only
Chelonia mydas Green Turtle [1765]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Dermochelys coriacea Leatherback Turtle, Leathery Turtle, Luth [1768]	Endangered	Breeding likely to occur within area	In buffer area only
Natator depressus Flatback Turtle [59257]	Vulnerable	Species or species habitat known to occur within area	In buffer area only

SHARK

Carcharias taurus (west coast population) Grey Nurse Shark (west coast population) [68752]	Vulnerable	Species or species habitat known to occur within area	In buffer area only
Carcharodon carcharias White Shark, Great White Shark [64470]	Vulnerable	Foraging, feeding or related behaviour known to occur within area	In buffer area only

Scientific Name	Threatened Category	Presence Text	Buffer Status
Rhincodon typus Whale Shark [66680]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Sphyrna lewini Scalloped Hammerhead [85267]	Conservation Dependent	Species or species habitat may occur within area	In buffer area only

Listed Migratory Species [[Resource Information](#)]

Scientific Name	Threatened Category	Presence Text	Buffer Status
Migratory Marine Birds			
Apus pacificus Fork-tailed Swift [678]		Species or species habitat likely to occur within area	In feature area
Ardenna carneipes Flesh-footed Shearwater, Fleshy-footed Shearwater [82404]		Foraging, feeding or related behaviour likely to occur within area	In buffer area only
Diomedea amsterdamensis Amsterdam Albatross [64405]	Endangered	Species or species habitat may occur within area	In buffer area only
Diomedea dabbenena Tristan Albatross [66471]	Endangered	Species or species habitat may occur within area	In buffer area only
Diomedea epomophora Southern Royal Albatross [89221]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area	In buffer area only
Diomedea exulans Wandering Albatross [89223]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area	In buffer area only
Diomedea sanfordi Northern Royal Albatross [64456]	Endangered	Foraging, feeding or related behaviour likely to occur within area	In buffer area only

Scientific Name	Threatened Category	Presence Text	Buffer Status
Hydroprogne caspia Caspian Tern [808]		Foraging, feeding or related behaviour known to occur within area	In buffer area only
Macronectes giganteus Southern Giant-Petrel, Southern Giant Petrel [1060]	Endangered	Species or species habitat may occur within area	In buffer area only
Macronectes halli Northern Giant Petrel [1061]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Onychoprion anaethetus Bridled Tern [82845]		Foraging, feeding or related behaviour likely to occur within area	In buffer area only
Phoebastria fusca Sooty Albatross [1075]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Thalassarche carteri Indian Yellow-nosed Albatross [64464]	Vulnerable	Species or species habitat likely to occur within area	In buffer area only
Thalassarche cauta Shy Albatross [89224]	Endangered	Foraging, feeding or related behaviour likely to occur within area	In buffer area only
Thalassarche impavida Campbell Albatross, Campbell Black-browed Albatross [64459]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Thalassarche melanophris Black-browed Albatross [66472]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Thalassarche steadi White-capped Albatross [64462]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area	In buffer area only

Migratory Marine Species

Scientific Name	Threatened Category	Presence Text	Buffer Status
Balaenoptera edeni Bryde's Whale [35]		Species or species habitat may occur within area	In buffer area only
Balaenoptera musculus Blue Whale [36]	Endangered	Species or species habitat likely to occur within area	In buffer area only
Caperea marginata Pygmy Right Whale [39]		Species or species habitat may occur within area	In buffer area only
Carcharhinus longimanus Oceanic Whitetip Shark [84108]		Species or species habitat may occur within area	In buffer area only
Carcharodon carcharias White Shark, Great White Shark [64470]	Vulnerable	Foraging, feeding or related behaviour known to occur within area	In buffer area only
Caretta caretta Loggerhead Turtle [1763]	Endangered	Breeding likely to occur within area	In buffer area only
Chelonia mydas Green Turtle [1765]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Dermochelys coriacea Leatherback Turtle, Leathery Turtle, Luth [1768]	Endangered	Breeding likely to occur within area	In buffer area only
Eubalaena australis as Balaena glacialis australis Southern Right Whale [40]	Endangered	Breeding known to occur within area	In buffer area only
Lagenorhynchus obscurus Dusky Dolphin [43]		Species or species habitat may occur within area	In buffer area only
Lamna nasus Porbeagle, Mackerel Shark [83288]		Species or species habitat may occur within area	In buffer area only
Megaptera novaeangliae Humpback Whale [38]	Vulnerable	Congregation or aggregation known to occur within area	In buffer area only

Scientific Name	Threatened Category	Presence Text	Buffer Status
Mobula alfredi as Manta alfredi Reef Manta Ray, Coastal Manta Ray [90033]		Species or species habitat may occur within area	In buffer area only
Mobula birostris as Manta birostris Giant Manta Ray [90034]		Species or species habitat may occur within area	In buffer area only
Natator depressus Flatback Turtle [59257]	Vulnerable	Species or species habitat known to occur within area	In buffer area only
Orcinus orca Killer Whale, Orca [46]		Species or species habitat may occur within area	In buffer area only
Rhincodon typus Whale Shark [66680]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Migratory Wetlands Species			
Actitis hypoleucos Common Sandpiper [59309]		Species or species habitat may occur within area	In feature area
Calidris acuminata Sharp-tailed Sandpiper [874]		Species or species habitat may occur within area	In feature area
Calidris canutus Red Knot, Knot [855]	Endangered	Species or species habitat may occur within area	In feature area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area	In feature area
Calidris melanotos Pectoral Sandpiper [858]		Species or species habitat may occur within area	In feature area
Charadrius leschenaultii Greater Sand Plover, Large Sand Plover [877]	Vulnerable	Species or species habitat may occur within area	In buffer area only

Scientific Name	Threatened Category	Presence Text	Buffer Status
Limosa lapponica Bar-tailed Godwit [844]		Species or species habitat may occur within area	In buffer area only
Numenius madagascariensis Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat may occur within area	In feature area

Other Matters Protected by the EPBC Act

Commonwealth Lands [\[Resource Information \]](#)

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

Commonwealth Land Name	State	Buffer Status
Unknown		
Commonwealth Land - [51482]	WA	In buffer area only

Listed Marine Species [\[Resource Information \]](#)

Scientific Name	Threatened Category	Presence Text	Buffer Status
Bird			
Actitis hypoleucos Common Sandpiper [59309]		Species or species habitat may occur within area	In feature area
Anous tenuirostris melanops Australian Lesser Noddy [26000]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Apus pacificus Fork-tailed Swift [678]		Species or species habitat likely to occur within area overfly marine area	In feature area
Ardenna carneipes as Puffinus carneipes Flesh-footed Shearwater, Fleshy-footed Shearwater [82404]		Foraging, feeding or related behaviour likely to occur within area	In buffer area only
Bubulcus ibis as Ardea ibis Cattle Egret [66521]		Species or species habitat may occur within area overfly marine area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Calidris acuminata Sharp-tailed Sandpiper [874]		Species or species habitat may occur within area	In feature area
Calidris canutus Red Knot, Knot [855]	Endangered	Species or species habitat may occur within area overfly marine area	In feature area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area overfly marine area	In feature area
Calidris melanotos Pectoral Sandpiper [858]		Species or species habitat may occur within area overfly marine area	In feature area
Charadrius leschenaultii Greater Sand Plover, Large Sand Plover [877]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Diomedea amsterdamensis Amsterdam Albatross [64405]	Endangered	Species or species habitat may occur within area	In buffer area only
Diomedea dabbenena Tristan Albatross [66471]	Endangered	Species or species habitat may occur within area	In buffer area only
Diomedea epomophora Southern Royal Albatross [89221]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area	In buffer area only
Diomedea exulans Wandering Albatross [89223]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area	In buffer area only
Diomedea sanfordi Northern Royal Albatross [64456]	Endangered	Foraging, feeding or related behaviour likely to occur within area	In buffer area only

Scientific Name	Threatened Category	Presence Text	Buffer Status
Haliaeetus leucogaster White-bellied Sea-Eagle [943]		Species or species habitat likely to occur within area	In feature area
Halobaena caerulea Blue Petrel [1059]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Hydroprogne caspia as Sterna caspia Caspian Tern [808]		Foraging, feeding or related behaviour known to occur within area	In buffer area only
Limosa lapponica Bar-tailed Godwit [844]		Species or species habitat may occur within area	In buffer area only
Macronectes giganteus Southern Giant-Petrel, Southern Giant Petrel [1060]	Endangered	Species or species habitat may occur within area	In buffer area only
Macronectes halli Northern Giant Petrel [1061]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Merops ornatus Rainbow Bee-eater [670]		Species or species habitat may occur within area overfly marine area	In feature area
Numenius madagascariensis Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat may occur within area	In feature area
Onychoprion anaethetus as Sterna anaethetus Bridled Tern [82845]		Foraging, feeding or related behaviour likely to occur within area	In buffer area only
Pachyptila turtur Fairy Prion [1066]		Species or species habitat likely to occur within area	In buffer area only
Phoebastria fusca Sooty Albatross [1075]	Vulnerable	Species or species habitat may occur within area	In buffer area only

Scientific Name	Threatened Category	Presence Text	Buffer Status
Pterodroma mollis Soft-plumaged Petrel [1036]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Puffinus assimilis Little Shearwater [59363]		Foraging, feeding or related behaviour known to occur within area	In buffer area only
Stercorarius skua as Catharacta skua Great Skua [823]		Species or species habitat may occur within area	In buffer area only
Thalassarche carteri Indian Yellow-nosed Albatross [64464]	Vulnerable	Species or species habitat likely to occur within area	In buffer area only
Thalassarche cauta Shy Albatross [89224]	Endangered	Foraging, feeding or related behaviour likely to occur within area	In buffer area only
Thalassarche impavida Campbell Albatross, Campbell Black-browed Albatross [64459]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Thalassarche melanophris Black-browed Albatross [66472]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Thalassarche steadi White-capped Albatross [64462]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area	In buffer area only
Thinornis cucullatus as Thinornis rubricollis Hooded Dotterel, Hooded Plover [87735]		Species or species habitat known to occur within area overfly marine area	In buffer area only
Fish			
Acentronura australe Southern Pygmy Pipehorse [66185]		Species or species habitat may occur within area	In buffer area only

Scientific Name	Threatened Category	Presence Text	Buffer Status
Campichthys galei Gale's Pipefish [66191]		Species or species habitat may occur within area	In buffer area only
Heraldia nocturna Upside-down Pipefish, Eastern Upside-down Pipefish, Eastern Upside-down Pipefish [66227]		Species or species habitat may occur within area	In buffer area only
Hippocampus angustus Western Spiny Seahorse, Narrow-bellied Seahorse [66234]		Species or species habitat may occur within area	In buffer area only
Hippocampus breviceps Short-head Seahorse, Short-snouted Seahorse [66235]		Species or species habitat may occur within area	In buffer area only
Hippocampus subelongatus West Australian Seahorse [66722]		Species or species habitat may occur within area	In buffer area only
Histiogamphelus cristatus Rhino Pipefish, Macleay's Crested Pipefish, Ring-back Pipefish [66243]		Species or species habitat may occur within area	In buffer area only
Lissocampus caudalis Australian Smooth Pipefish, Smooth Pipefish [66249]		Species or species habitat may occur within area	In buffer area only
Lissocampus fatiloquus Prophet's Pipefish [66250]		Species or species habitat may occur within area	In buffer area only
Lissocampus runa Javelin Pipefish [66251]		Species or species habitat may occur within area	In buffer area only
Maroubra perserrata Sawtooth Pipefish [66252]		Species or species habitat may occur within area	In buffer area only
Mitotichthys meraculus Western Crested Pipefish [66259]		Species or species habitat may occur within area	In buffer area only

Scientific Name	Threatened Category	Presence Text	Buffer Status
Nannocampus subosseus Bonyhead Pipefish, Bony-headed Pipefish [66264]		Species or species habitat may occur within area	In buffer area only
Phycodurus eques Leafy Seadragon [66267]		Species or species habitat may occur within area	In buffer area only
Phyllopteryx taeniolatus Common Seadragon, Weedy Seadragon [66268]		Species or species habitat may occur within area	In buffer area only
Pugnaso curtirostris Pugnose Pipefish, Pug-nosed Pipefish [66269]		Species or species habitat may occur within area	In buffer area only
Solegnathus lettiensis Gunther's Pipehorse, Indonesian Pipefish [66273]		Species or species habitat may occur within area	In buffer area only
Stigmatopora argus Spotted Pipefish, Gulf Pipefish, Peacock Pipefish [66276]		Species or species habitat may occur within area	In buffer area only
Stigmatopora nigra Widebody Pipefish, Wide-bodied Pipefish, Black Pipefish [66277]		Species or species habitat may occur within area	In buffer area only
Urocampus carinirostris Hairy Pipefish [66282]		Species or species habitat may occur within area	In buffer area only
Vanacampus margaritifer Mother-of-pearl Pipefish [66283]		Species or species habitat may occur within area	In buffer area only
Vanacampus phillipi Port Phillip Pipefish [66284]		Species or species habitat may occur within area	In buffer area only
Vanacampus poecilolaemus Longsnout Pipefish, Australian Longsnout Pipefish, Long-snouted Pipefish [66285]		Species or species habitat may occur within area	In buffer area only

Mammal

Scientific Name	Threatened Category	Presence Text	Buffer Status
Arctocephalus forsteri Long-nosed Fur-seal, New Zealand Fur-seal [20]		Species or species habitat likely to occur within area	In buffer area only
Neophoca cinerea Australian Sea-lion, Australian Sea Lion [22]	Endangered	Species or species habitat may occur within area	In buffer area only
Reptile			
Caretta caretta Loggerhead Turtle [1763]	Endangered	Breeding likely to occur within area	In buffer area only
Chelonia mydas Green Turtle [1765]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Dermochelys coriacea Leatherback Turtle, Leathery Turtle, Luth [1768]	Endangered	Breeding likely to occur within area	In buffer area only
Natator depressus Flatback Turtle [59257]	Vulnerable	Species or species habitat known to occur within area	In buffer area only
Whales and Other Cetaceans [Resource Information]			
Current Scientific Name	Status	Type of Presence	Buffer Status
Mammal			
Balaenoptera acutorostrata Minke Whale [33]		Species or species habitat may occur within area	In buffer area only
Balaenoptera edeni Bryde's Whale [35]		Species or species habitat may occur within area	In buffer area only
Balaenoptera musculus Blue Whale [36]	Endangered	Species or species habitat likely to occur within area	In buffer area only
Caperea marginata Pygmy Right Whale [39]		Species or species habitat may occur within area	In buffer area only
Delphinus delphis Common Dolphin, Short-beaked Common Dolphin [60]		Species or species habitat may occur within area	In buffer area only

Current Scientific Name	Status	Type of Presence	Buffer Status
Eubalaena australis Southern Right Whale [40]	Endangered	Breeding known to occur within area	In buffer area only
Grampus griseus Risso's Dolphin, Grampus [64]		Species or species habitat may occur within area	In buffer area only
Lagenorhynchus obscurus Dusky Dolphin [43]		Species or species habitat may occur within area	In buffer area only
Megaptera novaeangliae Humpback Whale [38]	Vulnerable	Congregation or aggregation known to occur within area	In buffer area only
Orcinus orca Killer Whale, Orca [46]		Species or species habitat may occur within area	In buffer area only
Tursiops aduncus Indian Ocean Bottlenose Dolphin, Spotted Bottlenose Dolphin [68418]		Species or species habitat likely to occur within area	In buffer area only
Tursiops truncatus s. str. Bottlenose Dolphin [68417]		Species or species habitat may occur within area	In buffer area only

Extra Information

State and Territory Reserves			[Resource Information]
Protected Area Name	Reserve Type	State	Buffer Status
Leeuwin-Naturaliste	National Park	WA	In feature area
Ngari Capes	Marine Park	WA	In buffer area only
NTWA Bushland covenant (0155)	Conservation Covenant	WA	In buffer area only

Regional Forest Agreements

[[Resource Information](#)]

Note that all areas with completed RFAs have been included.

RFA Name	State	Buffer Status
South West WA RFA	Western Australia	In feature area

EPBC Act Referrals

[[Resource Information](#)]

Title of referral	Reference	Referral Outcome	Assessment Status	Buffer Status
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Title of referral	Reference	Referral Outcome	Assessment Status	Buffer Status
Controlled action				
Controlled action				
Vlam Road Gravel Pit, Vlam Road, Karridale, WA	2014/7141	Controlled Action	Post-Approval	In buffer area only
Not controlled action				
Busselton to Flinders Bay Rails to Trails Project, WA	2013/6835	Not Controlled Action	Completed	In feature area
Geo-science Investigations	2005/2069	Not Controlled Action	Completed	In feature area
Improving rabbit biocontrol: releasing another strain of RHDV, sthrn two thirds of Australia	2015/7522	Not Controlled Action	Completed	In feature area
INDIGO Central Submarine Telecommunications Cable	2017/8127	Not Controlled Action	Completed	In feature area
Not controlled action (particular manner)				
INDIGO Marine Cable Route Survey (INDIGO)	2017/7996	Not Controlled Action (Particular Manner)	Post-Approval	In feature area

Biologically Important Areas

Scientific Name	Behaviour	Presence	Buffer Status
Seabirds			
Ardenna carneipes Flesh-footed Shearwater [82404]	Foraging (in high numbers)	Known to occur	In buffer area only
Onychoprion anaethetus Bridled Tern [82845]	Foraging (in high numbers)	Known to occur	In buffer area only
Puffinus assimilis tunneyi Little Shearwater [59363]	Foraging (in high numbers)	Known to occur	In buffer area only
Sharks			
Carcharodon carcharias White Shark [64470]	Foraging	Known to occur	In buffer area only
Whales			
Balaenoptera musculus breviceuda Pygmy Blue Whale [81317]	Distribution	Known to occur	In buffer area only

Scientific Name	Behaviour	Presence	Buffer Status
Eubalaena australis Southern Right Whale [40]	Calving buffer	Known to occur	In buffer area only
Eubalaena australis Southern Right Whale [40]	Seasonal calving habitat	Known to occur	In buffer area only
Megaptera novaeangliae Humpback Whale [38]	Migration (north and south)	Known to occur	In buffer area only

Caveat

1 PURPOSE

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

The report contains the mapped locations of:

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

2 DISCLAIMER

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

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

3 DATA SOURCES

Threatened ecological communities

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

Threatened, migratory and marine species

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

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

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

4 LIMITATIONS

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

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

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

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

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

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

Acknowledgements

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

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

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

Please feel free to provide feedback via the [Contact Us](#) page.

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APPENDIX 4
Conservation Codes

Conservation Codes for Western Australian Flora and Fauna

Specially protected fauna or flora are species* which have been adequately searched for and are deemed to be, in the wild, either rare, at risk of extinction, or otherwise in need of special protection, and have been gazetted as such. Conservation codes have been transitioned under regulations 170, 171 and 172 of the *Biodiversity Conservation Regulations 2018*.

T Threatened species – Schedules 1-4

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).

- **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.
- **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.

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.

CR Critically endangered species

Threatened species considered to be “*facing an extremely high risk of extinction in the wild in the immediate future, as determined in accordance with criteria set out in the ministerial guidelines*”.

Listed as critically endangered under section 19(1)(a) of the BC Act in accordance with the criteria set out in section 20 and the ministerial guidelines. Published under 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.

EN Endangered species

Threatened species considered to be “*facing a very high risk of extinction in the wild in the near future, as determined in accordance with criteria set out in the ministerial guidelines*”.

Listed as endangered under section 19(1)(b) of the BC Act in accordance with the criteria set out in section 21 and the ministerial guidelines. Published under 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.

VU Vulnerable species

Threatened species considered to be “*facing a high risk of extinction in the wild in the medium-term future, as determined in accordance with criteria set out in the ministerial guidelines*”.

Listed as vulnerable under section 19(1)(c) of the BC Act in accordance with the criteria set out in section 22 and the ministerial guidelines. Published under 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.

EX Presumed extinct species

Species where “*there is no reasonable doubt that the last member of the species has died*”, and listing is otherwise in accordance with the ministerial guidelines (section 24 of the BC Act).

Published as presumed extinct under schedule 4 of the *Wildlife Conservation (Specially Protected Fauna) Notice 2018* for extinct fauna or the *Wildlife Conservation (Rare Flora) Notice 2018* for extinct flora.

EW Extinct in the wild species

Species that “*is known only to survive in cultivation, in captivity or as a naturalised population well outside its past range; and it has not been recorded in its known habitat or expected habitat, at appropriate seasons, anywhere in its past range, despite surveys over a time frame appropriate to its life cycle and form*”, and listing is otherwise in accordance with the ministerial guidelines (section 25 of the BC Act).

Currently there are no threatened fauna or threatened flora species listed as extinct in the wild. If listing of a species as extinct in the wild occurs, then a schedule will be added to the applicable notice.

Specially protected species

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.

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.

MI Migratory species

Fauna that periodically or occasionally visit Australia or an external Territory or the exclusive economic zone; or the species is subject of an international agreement that relates to the protection of migratory species and that binds the Commonwealth; and listing is otherwise in accordance with the ministerial guidelines (section 15 of the BC Act).

Includes birds that are subject to an agreement between the government of Australia and the governments of Japan (JAMBA), China (CAMBA) and The Republic of Korea (ROKAMBA), and fauna subject to the Convention on the Conservation of Migratory Species of Wild Animals (Bonn Convention), an environmental treaty under the United Nations Environment Program. Migratory species listed under the BC Act are a subset of the migratory animals, that are known to visit Western Australia, protected under the international agreements or treaties, excluding species that are listed as Threatened species.

Published as migratory birds protected under an international agreement under schedule 5 of the *Wildlife Conservation (Specially Protected Fauna) Notice 2018*.

CD Species of special conservation interest (conservation dependent fauna)

Fauna of special conservation need being species dependent on ongoing conservation intervention to prevent it becoming eligible for listing as threatened, and listing is otherwise in accordance with the ministerial guidelines (section 14 of the BC Act).

Published as conservation dependent fauna under schedule 6 of the *Wildlife Conservation (Specially Protected Fauna) Notice 2018*.

OS Other specially protected species

Fauna otherwise in need of special protection to ensure their conservation, and listing is otherwise in accordance with the ministerial guidelines (section 18 of the BC Act).

Published as other specially protected fauna under schedule 7 of the *Wildlife Conservation (Specially Protected Fauna) Notice 2018*.

P 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 fauna or flora.

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.

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 1: Poorly-known species

Species that are known from one or a few locations (generally five or less) which are potentially at risk. All occurrences are either: very small; or on lands not managed for conservation, e.g. agricultural or pastoral lands, urban areas, road and rail reserves, gravel reserves and active mineral leases; or otherwise under threat of habitat destruction or degradation. Species may be included if they are comparatively well known from one or more locations but do not meet adequacy of survey requirements and appear to be under immediate threat from known threatening processes. Such species are in urgent need of further survey.

Priority 2: Poorly-known species

Species that are known from one or a few locations (generally five or less), some of which are on lands managed primarily for nature conservation, e.g. national parks, conservation parks, nature reserves and other lands with secure tenure being managed for conservation. Species may be included if they are comparatively well known from one or more locations but do not meet adequacy of survey requirements and appear to be under threat from known threatening processes. Such species are in urgent need of further survey.

Priority 3: Poorly-known species

Species that are known from several locations, and the species does not appear to be under imminent threat, or from few but widespread locations with either large population size or significant remaining areas of apparently suitable habitat, much of it not under imminent threat. Species may be included if they are comparatively well known from several locations but do not meet adequacy of survey requirements and known threatening processes exist that could affect them. Such species are in need of further survey.

Priority 4: 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.
- (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.
- (c) Species that have been removed from the list of threatened species during the past five years for reasons other than taxonomy.

*Species includes all taxa (plural of taxon - a classificatory group of any taxonomic rank, e.g. a family, genus, species or any infraspecific category i.e. subspecies or variety, or a distinct population).

Western Australian Ecological Communities

Threatened Ecological Communities

The BC Act provides for the statutory listing of threatened ecological communities (TECs) by the Minister.

Presumed Totally Destroyed (PD)

An ecological community that has been adequately searched for but for which no representative occurrences have been located. The community has been found to be totally destroyed or so extensively modified throughout its range that no occurrence of it is likely to recover its species composition and/or structure in the foreseeable future.

Critically Endangered (CR)

An ecological community that has been adequately surveyed and found to have been subject to a major contraction in area and/or that was originally of limited distribution and is facing severe modification or destruction throughout its range in the immediate future, or is already severely degraded throughout its range but capable of being substantially restored or rehabilitated.

Endangered (EN)

An ecological community that has been adequately surveyed and found to have been subject to a major contraction in area and/or was originally of limited distribution and is in danger of significant modification throughout its range or severe modification or destruction over most of its range in the near future.

Vulnerable (VU)

An ecological community that has been adequately surveyed and is found to be declining and/or has declined in distribution and/or condition and whose ultimate security has not yet been assured and/or a community that is still widespread but is believed likely to move into a category of higher threat in the near future if threatening processes continue or begin operating throughout its range.

Priority Ecological Communities

Possible threatened ecological communities that do not meet survey criteria or that are not adequately defined are added to the Priority Ecological Community List under priorities 1, 2 and 3. These three categories are ranked in order of priority for survey and/or definition of the community. Ecological communities that are adequately known, and are rare but not threatened or meet criteria for Near Threatened, or that have been recently removed from the threatened list, are placed in Priority 4. These ecological communities require regular monitoring. Conservation Dependent ecological communities are placed in Priority 5.

Priority One: Poorly-known ecological communities

Ecological communities that are known from very few occurrences with a very restricted distribution (generally ≤ 5 occurrences or a total area of ≤ 100 ha).

Occurrences are believed to be under threat either due to limited extent, or being on lands under immediate threat (e.g. within agricultural or pastoral lands, urban areas, active mineral leases) or for which current threats exist. May include communities with occurrences on protected lands. Communities may be included if they are comparatively well-known from one or more localities but do not meet adequacy of survey requirements, and/or are not well defined, and appear to be under immediate threat from known threatening processes across their range.

Priority Two: Poorly-known ecological communities

Communities that are known from few occurrences with a restricted distribution (generally ≤ 10 occurrences or a total area of ≤ 200 ha). At least some occurrences are not believed to be under immediate threat (within approximately 10 years) of destruction or degradation. Communities may be included if they are comparatively well known from one or more localities but do not meet adequacy of survey requirements, and/or are not well defined, and appear to be under threat from known threatening processes.

Priority Three: Poorly known ecological communities

- (i) Communities that are known from several to many occurrences, a significant number or area of which are not under threat of habitat destruction or degradation or:
- (ii) communities known from a few widespread occurrences, which are either large or with significant remaining areas of habitat in which other occurrences may occur, much of it not under imminent threat (within approximately 10 years), or;
- (iii) munities made up of large, and/or widespread occurrences, that may or may not be represented in the reserve system, but are under threat of modification across much of their range from processes such as grazing by domestic and/or feral stock, inappropriate fire regimes, clearing, hydrological change etc.

Communities may be included if they are comparatively well known from several localities but do not meet adequacy of survey requirements and/or are not well defined, and known threatening processes exist that could affect them.

Priority Four: Ecological communities that are adequately known, rare but not threatened or meet criteria for Near Threatened, or that have been recently removed from the threatened list. These communities require regular monitoring.

- (i) Rare. Ecological communities known from few occurrences that are considered to have been adequately 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 communities are usually represented on conservation lands.
- (ii) Near Threatened. Ecological communities that are considered to have been adequately surveyed and that do not qualify for Conservation Dependent, but that are close to qualifying for a higher threat category.
- (iii) Ecological communities that have been removed from the list of threatened communities during the past five years.

Priority Five: Conservation Dependent ecological communities

Ecological communities that are not threatened but are subject to a specific conservation program, the cessation of which would result in the community becoming threatened within five years.

Commonwealth of Australia Conservation Codes

Threatened Flora and Fauna

Threatened fauna and flora may be listed under Section 178 of the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act) in any one of the following six categories:

Extinct

A native species is eligible to be included in the extinct category at a particular time if, at that time, there is no reasonable doubt that the last member of the species has died.

Extinct in the wild

A native species is eligible to be included in the extinct in the wild category at a particular time if, at that time:

- a) it is known only to survive in cultivation, in captivity or as a naturalised population well outside its past range; or
- b) it has not been recorded in its known and/or 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

A taxon is Critically Endangered when the best available evidence indicates that it meets any of the five criteria for the category identified in Part 7.01 of the EPBC Regulations, and it is therefore considered to be facing an extremely high risk of extinction in the wild.

Endangered

A taxon is Endangered when the best available evidence indicates that it meets any of the five criteria for the category identified in Part 7.01 of the EPBC Regulations, and it is therefore considered to be facing a very high risk of extinction in the wild.

Vulnerable

A taxon is Vulnerable when the best available evidence indicates that it meets any of the five criteria for the category identified in Part 7.01 of the EPBC Regulations, and it is therefore considered to be facing a high risk of extinction in the wild.

Conservation dependent

A native species is eligible to be included in the conservation dependent category at a particular time if, at that time:

- a) 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; or
- b) the following subparagraphs are satisfied:
 - i. the species is a species of fish;

- ii. the species is the focus of a plan of management that provides for management actions necessary to stop the decline of, and support the recovery of, the species so that its chances of long term survival in nature are maximised;
- iii. the plan of management is in force under a law of the Commonwealth or of a State or Territory;
- iv. cessation of the plan of management would adversely affect the conservation status of the species.

The EPBC Act does not provide for listing in a data deficient category. Where sufficient data (evidence) is unavailable to allow assessment by the Threatened Species Scientific Committee against the criteria for listing, the species are found to be ineligible. A recommendation is made to the Minister to not include the species in any category under the EPBC Act. For reasons of transparency and to inform future research, the Threatened Species Scientific Committee publishes the names of those species found to be data deficient. As data deficient is not a listing category under the EPBC Act, this has no statutory implications and the species is not considered to be listed under the EPBC Act.

Threatened Ecological Communities

Threatened Ecological communities under the EPBC Act are listed in three categories.

Critically endangered

If, at that time, an ecological community is facing an extremely high risk of extinction in the wild in the immediate future (indicative timeframe being the next 10 years).

Endangered

If, at that time, an ecological community is not critically endangered but is facing a very high risk of extinction in the wild in the near future (indicative timeframe being the next 20 years).

Vulnerable

If, at that time, an ecological community is not critically endangered or endangered, but is facing a high risk of extinction in the wild in the medium-term future (indicative timeframe being the next 50 years).

APPENDIX 5
Flora Species List

SPECIES LIST – Boranup

MONOCOTYLEDONS

ASPARAGACEAE

Thysanotus patersonii

CYPERACEAE

Ficinia nodosa

Isolepis marginata

Lepidosperma gladiatum

Morelotia octandra

HAEMODORACEAE

Conostylis aculeata subsp. *aculeata*

ORCHIDACEAE

Caladenia latifolia

Cyrtostylis huegelii

POACEAE

Austrostipa sp

DICOTYLEDONS

AIZOACEAE

Carpobrotus virescens

APIACEAE

Daucus glochidiatus

ARALIACEAE

Hydrocotyle intertexta

Trachymene pilosa

ASTERACEAE

Hyalosperma cotula

Olearia axillaris

**Podotheca angustifolia*

Rhodanthe citrina

**Senecio elegans*

Senecio pinnatifolius

BRASSICACEAE

**Heliophila pusilla*

CAMPANULACEAE

Isotoma hypocrateriformis

CHENOPODIACEAE

Rhagodia baccata subsp. *baccata*

CRASSULACEAE

Crassula colorata

DILLENIACEAE

Hibbertia cuneiformis

ERICACEAE

Acrotriche cordata

Leucopogon parviflorus

FABACEAE

Acacia littorea

GOODENIACEAE

Scaevola nitida

LAURACEAE

Cassytha racemosa

MYRTACEAE

Agonis flexuosa

OROBANCHACEAE

**Orobanche minor*

**Parentucellia latifolia*

PITTOSPORACEAE

Billardiera fusiformis

POLYGALACEAE

Comesperma confertum

POLYGONACEAE

Muehlenbeckia adpressa

PROTEACEAE

Banksia sessilis var. *cordata* **P4**

Hakea oleifolia

RANUNCULACEAE

Clematis pubescens

RHAMNACEAE

Spyridium globulosum

RUTACEAE

Boronia alata

SCROPHULARIACEAE

**Dischisma arenarium*

THYMELEACEAE

Pimelea ferruginea

APPENDIX 6

Quadrat Data

QUADRAT B1

50 322534 E 6215467 N

Vegetation: *Agonis flexuosa* Low Open Woodland over *Spyridium globulosum*
Shrubland over *Acrotriche cordata* Open Low Heath

Condition: Excellent

Soil Type: Cream sand

Landform: Undulating

Date: 22.10.21

Recorder: Paul van der Moezel



QUADRAT (10 x 10m)

SPECIES	HEIGHT (m)	COVER (%)
<i>Agonis flexuosa</i>	4	2
<i>Spyridium globulosum</i>	1-2	20
<i>Hibbertia cuneiformis</i>	1.6	1
<i>Ficinia nodosa</i>	0.6	1
<i>Olearia axillaris</i>	0.5	1
<i>Lepidosperma gladiatum</i>	0.5	<1
<i>Acrotriche cordata</i>	0.5	30
<i>Acacia littorea</i>	0.5	<1
<i>Pimelea ferruginea</i>	0.4	1
<i>Leucopogon parviflorus</i>	0.4	1
<i>Comesperma confertum</i>	0.3	<1
<i>Senecio pinnatifolius</i>	0.3	<1
<i>Rhagodia baccata</i>	0.2	<1
<i>Rhodanthe citrina</i>	0.1	1
<i>Hyalosperma cotula</i>	0.1	1
<i>Isotoma hypocrateriformis</i>	0.1	<1
<i>Conostylis aculeata</i>	0.1	<1
<i>Podotrochea angustifolia</i>	0.1	<1

SPECIES	HEIGHT (m)	COVER (%)
<i>*Heliophila pusilla</i>	0.1	<1
<i>Trachymene pilosa</i>	<0.1	<1
<i>Crassula colorata</i>	<0.1	<1
<i>Cassytha racemosa</i>	Climber	<1

* introduced species

QUADRAT B2

50 322388 E 6215635 N

Vegetation: *Agonis flexuosa* Low Open Woodland over *Spyridium globulosum*
Shrubland over *Acrotriche cordata*/*Leucopogon parviflorus* Open
Low Heath

Condition: Excellent

Soil Type: Light brown-grey sand

Landform: Undulating

Date: 22.10.21

Recorder: Paul van der Moezel



QUADRAT (10 x 10m)

SPECIES	HEIGHT (m)	COVER (%)
<i>Agonis flexuosa</i>	10	10
<i>Spyridium globulosum</i>	4	25
<i>Leucopogon parviflorus</i>	1.8	20
<i>Lepidosperma gladiatum</i>	1	1
<i>Acrotriche cordata</i>	0.8	25
<i>Cyrtostylis huegelii</i>	Flat	<1
<i>Cassytha racemosa</i>	Climber	<1
<i>Billardiera fusiformis</i>	Climber	<1

* introduced species

QUADRAT B3

50 322414 E 6215553N

Vegetation: *Agonis flexuosa* Low Open Woodland over *Spyridium globulosum*
Shrubland over *Acacia littorea*/*Acrotriche cordata* Open Low Heath

Condition: Excellent

Soil Type: Dark cream sand

Landform: Slight depression

Date: 22.10.21

Recorder: Paul van der Moezel



Quadrat (10 x 10m)

SPECIES	HEIGHT (m)	COVER (%)
<i>Agonis flexuosa</i>	2	1
<i>Acacia littorea</i>	1.6	5
<i>Spyridium globulosum</i>	1.5	10
<i>Rhagodia baccata</i>	1	2
<i>Scaevola nitida</i>	0.7	<1
<i>Lepidosperma gladiatum</i>	0.6	1
<i>Ficinia nodosa</i>	0.5	1
<i>Austrostipa sp</i>	0.5	<1
<i>Acrotriche cordata</i>	0.4	25
<i>Pimelea ferruginea</i>	0.4	2
<i>Comesperma confertum</i>	0.4	<1
<i>Leucopogon parviflorus</i>	0.3	2
<i>Morelotia octandra</i>	0.2	<1
<i>Podotrochea angustifolia</i>	0.2	<1
* <i>Heliophila pusilla</i>	0.1	<1
<i>Isotoma hypocrateriformis</i>	0.1	<1
<i>Senecio pinnatifolius</i>	0.1	<1
<i>Conostylis aculeata</i>	0.1	<1

SPECIES	HEIGHT (m)	COVER (%)
<i>Carpobrotus virescens</i>	0.1	<1
* <i>Parentucellia latifolia</i>	0.1	<1
<i>Hyalosperma cotula</i>	<0.1	<1
* <i>Dischisma arenarium</i>	<0.1	<1
<i>Trachymene pilosa</i>	<0.1	<1
<i>Cassytha racemosa</i>	Climber	<1

* introduced species

QUADRAT B4

50 322424 E 6215370 N

Vegetation: *Banksia sessilis* var. *cordata*/*Agonis flexuosa* Low Open Woodland over *Spyridium globulosum*/*Acacia littorea* Shrubland over *Acrotriche cordata*/*Leucopogon parviflorus* Open Low Heath

Condition: Excellent

Soil Type: Dark orange-brown sand

Landform: Flat

Date: 22.10.21

Recorder: Paul van der Moezel



QUADRAT (10 x 10m)

SPECIES	HEIGHT (m)	COVER (%)
<i>Banksia sessilis</i> var. <i>cordata</i>	5	5
<i>Agonis flexuosa</i>	1.5-2	30
<i>Spyridium globulosum</i>	1.9	5
<i>Acacia littorea</i>	1.7	5
<i>Leucopogon parviflorus</i>	1.5	10
<i>Acrotriche cordata</i>	0.5	25
<i>Pimelea ferruginea</i>	0.4	<1
<i>Cassytha racemosa</i>	Climber	<1

* introduced species

QUADRAT B5

50 322340 E 6215263 N

Vegetation: *Agonis flexuosa* Low Open Woodland over *Spyridium globulosum*
Shrubland over *Acrotriche cordata*/*Leucopogon parviflorus* Open
Low Heath

Condition: Excellent

Soil Type: Dark cream sand

Landform: Undulating

Date: 22.10.21

Recorder: Paul van der Moezel



QUADRAT (10 x 10m)

SPECIES	HEIGHT (m)	COVER (%)
<i>Agonis flexuosa</i>	5	20
<i>Spyridium globulosum</i>	2.1	10
<i>Leucopogon parviflorus</i>	1.7	20
<i>Acacia littorea</i>	1.4	2
<i>Lepidosperma gladiatum</i>	0.8	2
<i>Acrotriche cordata</i>	0.5	30
<i>Pimelea ferruginea</i>	0.5	<1
<i>Conostylis aculeata</i>	0.1	<1
<i>Cassytha racemosa</i>	Climber	<1

* introduced species

QUADRAT B6

50 322279 E 6215273 N

Vegetation: *Agonis flexuosa*/*Hibbertia cuneiformis*/*Spyridium globulosum* Tall Shrubland over *Acrotriche cordata*/*Leucopogon parviflorus* Open Low Heath
Condition: Excellent
Soil Type: Cream sand
Landform: Top of hill
Date: 22.10.21
Recorder: Paul van der Moezel



QUADRAT (10 x 10m)

SPECIES	HEIGHT (m)	COVER (%)
<i>Agonis flexuosa</i>	3	2
<i>Hibbertia cuneiformis</i>	2.5	15
<i>Spyridium globulosum</i>	1.8	10
<i>Acacia littorea</i>	1.7	1
<i>Scaevola nitida</i>	1.4	1
<i>Leucopogon parviflorus</i>	1.1	10
<i>Acrotriche cordata</i>	1	10
<i>Lepidosperma gladiatum</i>	0.8	2
<i>Pimelea ferruginea</i>	0.5	<1
<i>Conostylis aculeata</i>	0.1	<1
<i>Trachymene pilosa</i>	<0.1	<1
<i>Cassytha racemosa</i>	Climber	<1

* introduced species

QUADRAT B7

50 322596 E 6215287 N

Vegetation: *Agonis flexuosa* Low Open Woodland over *Spyridium globulosum*
Shrubland over *Acacia littorea*/*Acrotriche cordata* Open Low Heath

Condition: Excellent

Soil Type: Dark cream sand

Landform: Undulating

Date: 22.10.21

Recorder: Paul van der Moezel



QUADRAT (10 x 10m)

SPECIES	HEIGHT (m)	COVER (%)
<i>Agonis flexuosa</i>	4.5	20
<i>Spyridium globulosum</i>	2	15
<i>Leucopogon parviflorus</i>	1.5-2	20
<i>Acacia littorea</i>	1.5-2	5
<i>Pimelea ferruginea</i>	0.8	<1
<i>Lepidosperma gladiatum</i>	0.7	1
<i>Acrotriche cordata</i>	0.6	35
<i>Comesperma confertum</i>	0.6	<1
<i>Ficinia nodosa</i>	0.5	<1
<i>Daucus glochidiatus</i>	0.1	<1
<i>Isotoma hypocrateriformis</i>	0.1	<1
<i>Trachymene pilosa</i>	<0.1	<1
<i>Isolepis marginata</i>	<0.1	<1
<i>Hydrocotyle intertexta</i>	<0.1	<1
<i>Cassytha racemosa</i>	Climber	<1
<i>Billardiera fusiformis</i>	Climber	<1

* introduced species