M70/138 WESCO ROAD, NOWERGUP

FLORA AND VEGETATION SURVEY AND BLACK COCKATOO HABITAT ASSESSMENT

Ltd

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1 INTRODUCTION

1.1 Background

Mining Tenement M70/138 is located south of Wesco Road Nowergup, in the City of Wanneroo, approximately 35km north-north-west of the Perth Central Business District (Figure 1).

Limestone mining commenced in the tenement just prior to 2000. Currently approximately 54ha of the 99ha tenement has been quarried. The owners of the tenement, Cockburn Cement, plan to expand the existing quarry further south into the tenement.

The proposed expansion area contains native vegetation. Two flora and vegetation surveys have previously been undertaken parts of the proposed expansion area by Coffey Environments (2010) and GHD (2013). However, a large portion of the proposed expansion area has not yet been surveyed. PGV Environmental was commissioned by Cockburn Cement to undertake a flora and vegetation survey and Black Cockatoo habitat assessment of the unsurveyed portion of the tenement. The results of the three surveys have been consolidated into one report to assess the conservation significance of flora and vegetation communities with respect to any proposal to clear for future quarry operations.

The consolidated survey area is shown in Figure 2. The total area is around 45.0ha, of which about 39.7ha is native vegetation.

1.2 Scope of Works

1.2.1 Flora and Vegetation Survey

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 (DBCA) Threatened and Priority flora and ecological community Databases;
- A search of the Naturemap website (DBCA, 2020);
- A search of the Commonwealth Government's Protected Matters Search Tool (DAWE, 2020) 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; and
- Compilation of a flora list.

1.2.2 Black Cockatoo Habitat Assessment

The Black Cockatoo Habitat Assessment has been prepared by PGV Environmental to:

- Describe the Black Cockatoo habitat on the site; and
- Accurately map foraging habitat, potential breeding and potential roosting habitat.

2 EXISTING ENVIRONMENT

2.1 Land Use

The earliest available historic aerial photograph on-line from 1965 (Landgate, 2020) shows that the site contains native vegetation (Plate 2).



Plate 1: Aerial Photograph 1965 (Landgate, 2020)

The photograph from 1974 shows some disturbance to the site for mining exploration activities (Plate 2).



Plate 2: Aerial Photograph 1974 (Landgate, 2020)

Mining in the northern part of the site commenced between 1995 and 2000 (Plate 3).



Plate 3: Aerial Photograph 2000 (Landgate, 2020)

Mining has progressed to the current footprint (Figure 2). The balance of the site remains vegetated (Figure 2).

The site is currently zoned 'Rural' under the Metropolitan Region Scheme (National Map, 2020) and 'Rural Resource' under the City of Wanneroo Local Planning Scheme No. 2 (WAPC, 2001).

2.2 Topography

The site is gently undulating and slopes very gradually up from the western boundary at around 81mAHD to near the eastern boundary at 98m AHD (Figure 2).

2.3 Geology and Soils

2.3.1 Geology

The site is mapped as part of the Spearwood System which has the highest relief of the dune systems on the Swan Coastal Plain (Bolland, 1998). The Spearwood system consists of slightly calcareous Aeolian sand remnant from leaching of the underlying Pleistocene Tamala limestone (Davidson, 1995).

2.3.2 Soils

Two Spearwood soil units are mapped on the site and are described as follows:

- Karrakatta shallow soils Phase (211Sp_Kls) which are on low hills and ridges with bare limestone or shallow siliceous or calcareous sand over limestone. Typically, these soils have dense low shrub dominated by *Banksia sessilis, Melaleuca huegelii* and species of *Grevillea* (DPIRD, 2020). This soil is mapped over the majority of the site; and
- Karrakatta Sand Yellow Phase (211Sp__Ky) which re on low hilly to gently undulating terrain and consist of yellow sand over limestone at 1-2 m with Banksia spp. woodland with scattered

emergent E. gomphocephala and E. marginata and a dense shrub layer (DPRID, 2020). The soils are mapped on the northern part and the western and eastern boundaries of the site.

2.4 Hydrology

Groundwater is at approximately 22 to 28m AHD, which is 50m to 70m below the surface level, and generally flows to the west (DWER, 2020). There are no wetlands mapped on the site (National Map, 2020).

3 METHODOLOGY

3.1 Database Searches

Searches of the following databases were undertaken for a 10km radius around the central point of the site prior to the site survey:

- Department of Biodiversity, Conservation and Attractions (DBCA) Declared Rare and Priority Flora database and Threatened Ecological Communities database (Appendix 1);
- DBCA Naturemap Database (DBCA, 2020) (Appendix 2); 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, 2020). A radius of 5km was used for this database (Appendix 3).

3.2 Site Survey

A flora and vegetation survey of the unsurveyed portion of the site was conducted by Dr Paul van der Moezel of PGV Environmental on 12 October 2020.

The site was thoroughly walked to record all species in the survey area. Information on flora composition and vegetation structure was recorded in four 10m x 10m non-permanent quadrats in 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. In summary, there were no constraints to the survey.

Issue Constra (Y/N)*		Comment			
Competency/experience of the consultant conducting the survey	No	Dr Paul van der Moezel has extensive botanical survey experience in the Perth Metropolitan Region.			
Proportion of the flora identified^	No	The timing of the survey in mid- September 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 in the Perth Metropolitan Region is well documented.			
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.			

Table 1: Statement of Botanical Survey Conditions

Issue	Constraints (Y/N)*	Comment
Timing/weather/season/cycle	No	The spring survey was optimal for most flora species. 2020 was a good year for ephemeral species, including orchids.
Disturbances (Fire)	No	The fire age of the vegetation was mostly greater than 5 years.
Intensity of survey (e.g. In retrospect was the intensity adequate)	No	The time spent on the small site and ease
Completeness (e.g. was relevant area fully surveyed)	No	of access made for a full coverage.
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	Easily accessible site in the Perth Metropolitan Region.
Availability of contextual (e.g. bioregional) information for the study area.	No	Bush Forever

*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 **Previous Surveys**

Two previous surveys of the site have been undertaken by Coffey Environments (2010) and GHD (2013). The location of the surveys in relation to the current survey area is shown in Figure 3.

The Coffey Environments (2010) survey was mostly undertaken on a part of the M70/138 tenement between the eastern ridge and Hopkins Road. Only a small portion of the Coffey survey includes the current survey, and no quadrats were sampled within that small area. As such, the usefulness of the results of the Coffey survey is limited to the vegetation map prepared for the report.

The GHD (2013) survey was undertaken on the western portion of the survey area. GHD sampled four quadrats in the survey area and undertook data analysis to determine Floristic Community Types. GHD also prepared a species list for the area which has been used in this report to supplement the species recorded by PGV Environmental. The northwestern part of the GHD survey area has since been cleared for mining. The area cleared included one of the vegetation sample quadrats (Q1).

4.2 Flora Database Searches

A search of the DBCA Threatened Flora Databases: the WA Herbarium database (WAHerb), the Threatened (Declared Rare) and Priority Flora Species List (TFPL) (Appendix 1) and Naturemap Database (Appendix 2) indicates that a number of species that are listed as Endangered, Threatened or Priority have been located within a 10km radius of the site. The and the EPBC Act Protected Matters Search Tool (Appendix 3) indicates species that may have habitat within 5km radius of the site. The results from these database searches are shown in Table 2.

Table 3 lists the likelihood that any of these species could occur on the site based on the soil types and vegetation condition.

Scientific Name	Common Name	Conservation Status (WA)	Status under EPBC Act
	King Spider-orchid, Grand		
Caladenia huegelii	Spider-orchid, Rusty Spider-	Schedule 1	Endangered
	orchid		
Calectasia cyanea	Blue Tinsel Lily	Schedule 1	Critically
culcetasia cyanea	Dide Thise Eily	Schedule	Endangered
Drakaea elastica	Glossy-leafed Hammer Orchid	Schedule 1	Endangered
Darwinia foetida	Muchea Bell	Schedule 2	Critically
Duiwinia joetiaa		Schedule 2	Endangered
Diuris purdiei	Purdie's Donkey-orchid	Schedule 2	Endangered
Drakaea micrantha	Dwarf Hammer-orchid	Schedule 2	Vulnerable
Marianthus paralius		Schedule 2	Endangered
Melaleuca sp. Wanneroo		Schedule 2	Endangered
(G.J. Keighery 16705)		Schedule 2	Endangered
Andersonia gracilis	Slender Andersonia	Schedule 3	Endangered

Table 2: Conservation Significant Flora Identified in Database Searches

Scientific Name	Common Name	Conservation Status (WA)	Status under EPBC Act
Anigozanthos viridis subsp.	Dwarf Green Kangaroo Paw	Schedule 3	Vulnerable
terraspectans			
Diuris micrantha	Dwarf Bee-orchid	Schedule 3	Vulnerable
Eleocharis keigheryi	Keighery's Eleocharis	Schedule 3	Vulnerable
Eucalyptus argutifolia	Yanchep Mallee, Wabling Hill Mallee	Schedule 3	Vulnerable
Baeckea sp. Limestone (N.		Priority 1	
Gibson & M.N. Lyons 1425)		PHOINTY 1	
Drosera patens		Priority 1	
Drosera x sidjamesii		Priority 1	
Grevillea sp. Ocean Reef		Drierity 1	
(D. Pike Joon 4)		Priority 1	
Hydrocotyle striata		Priority 1	
Leucopogon maritimus		Priority 1	
Acacia benthamii		Priority 2	
Amanita wadulawitu	Long-spored Lepidella	Priority 2	
Calectasia elegans	Elegant Tinsel Lily	Priority 2	
Fabronia hampeana		Priority 2	
Lecania sylvestris		Priority 2	
Lecania turicensis var.			
turicensis		Priority 2	
Leucopogon squarrosus			
subsp. trigynus		Priority 2	
Poranthera moorokatta		Priority 2	
Rinodina bischoffii		Priority 2	
Stenanthemum sublineare		Priority 2	
Tetraria sp. Chandala (G.J.			
Keighery 17055)		Priority 2	
Thelymitra variegata	Queen of Sheba	Priority 2	
Adenanthos cygnorum		Dei anitu 2	
subsp. chamaephyton		Priority 3	
Amanita carneiphylla	Miller's Pink-Gilled Lepidella	Priority 3	
Austrostipa mundula		Priority 3	
Beyeria cinerea subsp.		Drierity 2	
cinerea		Priority 3	
Conostylis bracteata		Priority 3	
Cyathochaeta teretifolia		Priority 3	
Dampiera triloba		Priority 3	
Hibbertia leptotheca		Priority 3	
Jacksonia gracillima		Priority 3	
Lasiopetalum		Dei anity 2	
membranaceum		Priority 3	

Scientific Name	Common Name	Conservation Status (WA)	Status under EPBC Act
Leucopogon sp. Yanchep (M. Hislop 1986)		Priority 3	
Pimelea calcicola		Priority 3	
Pithocarpa corymbulosa	Corymbose Pithocarpa	Priority 3	
Placynthium nigrum	Blackthread Lichen	Priority 3	
Platysace ramosissima		Priority 3	
Sarcozona bicarinata	Ridged Noon-flower	Priority 3	
Sphaerolobium calcicola		Priority 3	
Stylidium maritimum		Priority 3	
Stylidium paludicola		Priority 3	
Styphelia filifolia		Priority 3	
Anigozanthos humilis subsp. chrysanthus	Golden Cats Paw	Priority 4	
Conostylis pauciflora subsp. euryrhipis		Priority 4	
Conostylis pauciflora subsp. pauciflora		Priority 4	
Hibbertia helianthemoides		Priority 4	
Jacksonia sericea	Waldjumi	Priority 4	
Lepidium pseudotasmanicum		Priority 4	
Schoenus griffinianus		Priority 4	
Stylidium longitubum	Jumping Jacks	Priority 4	
<i>Tripterococcus</i> sp. Brachylobus (A.S. George 14234)		Priority 4	

Conservation Codes are shown in Appendix 4

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

Scientific Name	Common Name	Habitat*	Likelihood to occur on the site
Caladenia huegelii	King Spider- orchid, Grand Spider- orchid, Rusty Spider-orchid	The Grand Spider-orchid prefers sand or clay loam. This species generally does not survive in disturbed areas.	Unlikely – not usually associated with shallow sand over limestone
Calectasia cyanea	Blue Tinsel Lily	The Blue Tinsel Lily prefers white, grey or yellow sand or gravel.	No – this species is endemic to the Albany region
Drakaea elastica	Glossy-leafed Hammer Orchid	The Glossy-leafed Hammer Orchid prefers low-lying situations adjoining winter-wet swamps. This species does not survive in disturbed areas.	High Unlikely – no winter wet areas

Scientific Name	Common Name	Habitat*	Likelihood to occur on the site
Darwinia foetida	Muchea Bell	The Muchea Bell is found in grey-white sand on swampy, seasonally wet sites.	High Unlikely – no winter wet areas
Diuris purdiei	Purdie's Donkey- orchid	Purdie's Donkey Orchid occurs in grey- black sand in moist winter-wet swamps.	High Unlikely – no winter wet areas
Drakaea micrantha	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.	High Unlikely – no winter wet areas
Marianthus paralius		Marianthus paralius occurs in white sand and brown loam amongst heath on coastal limestone cliffs (DEC, 2009).	High Unlikely – not coastal cliffs
<i>Melaleuca</i> sp. Wanneroo (G.J. Keighery 16705)		<i>Melaleuca</i> sp. Wanneroo occurs in very shallow soils over limestone 'caprock' on ridges.	Previously recorded on the site
Andersonia gracilis	Slender Andersonia	Slender Andersonia occurs in white/grey sand, sandy clay, gravelly loam in winter- wet areas, near swamps.	High Unlikely – no winter wet areas
Anigozanthos viridis subsp. terraspectans	Dwarf Green Kangaroo Paw	The Dwarf Green Kangaroo Paw occurs on grey sand, clay loam in winter-wet depressions.	High Unlikely – no winter wet areas
Diuris micrantha	Dwarf Bee- orchid	The Dwarf Bee-orchid is usually found on cleared firebreaks or open sandy patches that have been disturbed with in Jarrah Banksia woodland or thickets of Spearwood (<i>Kunzea ericifolia</i> / glabrescens) (Williams et al., 2001).	Unlikely – not habitat typical to this species
Eleocharis keigheryi	Keighery's Eleocharis	Keighery's Eleocharis occurs in clay, sandy loam and is emergent in freshwater: creeks, claypans.	High Unlikely – no winter wet areas
Eucalyptus argutifolia	Yanchep Mallee, Wabling Hill Mallee	The Yanchep Mallee occurs in shallow soils over limestone on slopes or gullies of limestone ridges, outcrops.	Possible
<i>Baeckea</i> sp. Limestone (N. Gibson & M.N. Lyons 1425)		Baeckea sp. Limestone is recorded from limestone outcrop/ridge in yellow sand derived from Tamala Limestone - Spearwood Dune System in bushland burnt 5+ years (Western Australian Herbarium, 2012).	Possible
Drosera patens		Drosera patens occurs in sandy soils on the margins of winter-wet depressions, swamps and lakes.	High Unlikely – no winter wet areas

Scientific Name	Common Name	Habitat*	Likelihood to occur on the site
Drosera x sidjamesii		<i>Drosera x sidjamesii</i> grows in peaty sand along lake margins, close to winter highwater line.	High Unlikely – no lake areas
<i>Grevillea</i> sp. Ocean Reef (D. Pike Joon 4)		<i>Grevillea</i> sp. Ocean Reef (D. Pike Joon 4) occurs in dry brown/grey sand, yellow brown sand on sandy dune, gully in coastal scrub.	High Unlikely – no dune habitat
Hydrocotyle striata		<i>Hydrocotyle striata</i> occurs in clay near springs.	High Unlikely – no spring habitat
Leucopogon maritimus		<i>Leucopogon maritimus</i> occurs in Quindalup deep, calcareous sands, on the mid to upper slopes of dunes or in shallow sand over limestone, but avoiding the thicker vegetation of the swale (Hislop, 2011).	Possible
Acacia benthamii		Acacia benthamii grows on sand, typically on limestone breakaways	Possible
Amanita wadulawitu	Long-spored Lepidella	Long-spored Lepidella occurs in sandy soil with Corymbia calophylla, Eucalyptus marginata, E. todtiana, E. camaldulensis, Jacksonia furcellata, Banksia attenuata and B. menziesii. (McGurk et al., 2016).	High Unlikely – Not suitable habitat
Calectasia elegans	Elegant Tinsel Lily	Elegant Tinsel Lily occurs in deep grey quartz soils on gentle slopes, above damplands.	High Unlikely – Not suitable habitat
Fabronia hampeana		Fabronia hampeana occurs on sheltered wet trunk of <i>Macrozamia</i> in shrub layer (Western Australian Herbarium, 2005).	No – <i>Macrozamia</i> not recorded on the site
Lecania sylvestris		<i>Lecania sylvestris</i> typically occurs on limestone (Cranfield <i>et al.,</i> 2020).	Possible
Lecania turicensis var. turicensis		<i>Lecania turicensis</i> var. <i>turicensis</i> occurs on coastal rocks, limestone (Western Australian Herbarium, 1988).	Unlikely – not coastal habitat
Leucopogon squarrosus subsp. trigynus		Leucopogon squarrosus subsp. trigynus occurs in Bassendean sands (Hislop, 2011).	High Unlikely – Not Bassendean sand habitat
Poranthera moorokatta		Poranthera moorokatta grows in white silica sand and has been recorded in Banksia woodland and in a shallow dampland (Barrett, 2012).	High Unlikely – Not suitable habitat
Rinodina bischoffii		<i>Rinodina bischoffii</i> occurs on limestone (Cranfield et al., 2020).	Possible

Scientific Name	Common Name	Habitat*	Likelihood to occur on the site
Stenanthemum sublineare		Stenanthemum sublineare grows in littered white sand on coastal plain (Rye, 2001).	High Unlikely – Not suitable habitat
<i>Tetraria</i> sp. Chandala (G.J. Keighery 17055)		<i>Tetraria</i> sp. Chandala is recorded from a mound spring in peaty sand (Western Australian Herbarium, 2005).	High Unlikely – No mound spring habitat
Thelymitra variegata Adenanthos	Queen of Sheba	The Queen of Sheba orchid grows on sandy clay, sand and laterite. Adenanthos cygnorum subsp.	High Unlikely – Not suitable habitat
cygnorum subsp. chamaephyton		chamaephyton occurs in grey sand, lateritic gravel.	High Unlikely – Not lateritic habitat
Amanita carneiphylla	Miller's Pink- Gilled Lepidella	Miller's Pink-Gilled Lepidella is a deeply rooting species and grows in sandy soil.	High Unlikely – No deep sand habitat
Austrostipa mundula		Austrostipa mundula occurs on plains in grey sand (Western Australian Herbarium, 2001).	High Unlikely – No sandplain habitat
Beyeria cinerea subsp. cinerea		Beyeria cinerea subsp. cinerea grows in sand over limestone on road verges, gullies	Possible
Conostylis bracteata		<i>Conostylis bracteata</i> occurs in sand, limestone on consolidated sand dunes.	Possible
Cyathochaeta teretifolia		Cyathochaeta teretifolia occurs in grey sand, sandy clay on swamps, creek edges.	High Unlikely – No wetland habitat
Dampiera triloba		Dampiera triloba grows in loamy sand (Australian National Herbarium, 2009) in lower lying areas.	High Unlikely – No Iow-lying habitat
Hibbertia leptotheca		Hibbertia leptotheca grows near-coastal limestone ridges, outcrops and cliffs in coastal heaths and thickets usually dominated by species of <i>Melaleuca</i> and <i>Acacia</i> (Thiele, 2019).	Possible
Jacksonia gracillima		Jacksonia gracillima occurs in grey and brown well-drained sand.	Unlikely – not sandy habitat
Lasiopetalum membranaceum		Lasiopetalum membranaceum grows in sand over limestone.	Possible
<i>Leucopogon</i> sp. Yanchep (M. Hislop 1986)		<i>Leucopogon</i> sp. Yanchep occurs in light grey-yellow sand, brown loam, limestone, laterite, granite on coastal plain, breakaways, valley slopes, low hills.	Previously recorded on the site
Pimelea calcicola		<i>Pimelea calcicola</i> occurs in sand on coastal limestone ridges.	Possible
Pithocarpa corymbulosa	Corymbose Pithocarpa	Corymbose Pithocarpa occurs in gravelly or sandy loam amongst granite outcrops.	High Unlikely – Not suitable habitat

Scientific Name	Common Name	Habitat*	Likelihood to occur on the site
Placynthium nigrum	Blackthread Lichen	Blackthread Lichen is recorded from karst limestone on lagoon shore among salt marsh (Allan Herbarium, 1997).	High Unlikely – Not typical habitat
Platysace ramosissima		Platysace ramosissima prefers sandy soils.	High Unlikely – No deep sand habitat
Sarcozona bicarinata	Ridged Noon- flower	Ridged Noon-flower is found in white sand.	Previously recorded on the site but identification questionable
Sphaerolobium calcicola		Sphaerolobium calcicola grows in white- grey-brown sand, sandy clay over limestone, black peaty sandy clay on tall dunes, winter-wet flats, interdunal swamps, low-lying areas.	High Unlikely – No wetland habitat
Stylidium maritimum		Stylidium maritimum occurs in sand over limestone on dune slopes and flats in coastal heath and shrubland, open Banksia woodland.	Possible
Stylidium paludicola		<i>Stylidium paludicola</i> prefers peaty sand over clay in winter wet habitats in Marri and Melaleuca woodland, Melaleuca shrubland.	High Unlikely – No winter wet habitat
Styphelia filifolia		Styphelia filifolia occurs in sandy soils of the coastal plain (with one known occurrence from the northern Darling Scarp), usually in Banksia or Jarrah woodland and in low-lying situations (Hislop and Lelièvre, 2017).	High Unlikely – No Iow-lying habitat
Anigozanthos humilis subsp. chrysanthus	Golden Cats Paw	Golden Cats Paw grows in grey or yellow sand.	High Unlikely – No deep sand habitat
Conostylis pauciflora subsp. euryrhipis		<i>Conostylis pauciflora</i> subsp. <i>euryrhipis</i> occurs in white, grey or yellow sand on consolidated dunes in coastal areas.	High Unlikely – No deep sand habitat
Conostylis pauciflora subsp. pauciflora		<i>Conostylis pauciflora</i> subsp. <i>pauciflora</i> occurs in grey sand, limestone on hillslopes, consolidated dunes in coastal areas.	High Unlikely – No deep sand habitat
Hibbertia helianthemoides		Hibbertia helianthemoides grows in clayey sand over sandstone or loam over quartzite on hills and scree slopes.	High Unlikely – Not clay habitat
Jacksonia sericea	Waldjumi	Waldjumi grows in calcareous and sandy soils.	Possible

Scientific Name	Common Name	Habitat*	Likelihood to occur on the site
Lepidium pseudotasmanic um		Lepidium pseudotasmanicum occurs in loam, sand associated with granite.	High Unlikely – Not suitable habitat
Schoenus griffinianus		Schoenus griffinianus grows in white sand in low heath (Wilson, 1997).	High Unlikely – No deep sand habitat
Stylidium longitubum	Jumping Jacks	Jumping Jacks prefer sandy clay, clay in seasonal wetlands.	High Unlikely – No wetland habitat
Tripterococcus sp. Brachylobus (A.S. George 14234)		<i>Tripterococcus</i> sp. Brachylobus occurs in grey, black or peaty sand winter-wet flats	High Unlikely – No wetland habitat

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

4.3 TEC and PEC Desktop Search

A search of DBCA's Threatened (TEC) and Priority Ecological Communities (PEC) database was conducted within a radius of 5km around the site (21-1020EC) (Appendix 5). Four TECs and nine Priority 3 PECs at State level were identified in the database search. Three of the State TECs are also listed as TECs under the Commonwealth *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act). Six of the State listed PECs are listed under the EPBC Act as TECs. The communities identified in the database searches are outlined in Table 4.

Ecological Community	Description	Conservation Status WA	Status under the EPBC Act
CAVES SCP01	Aquatic Root Mat Community Number 1 of Caves of the Swan Coastal Plain	Critically Endangered	Endangered
SCP19b	Woodlands over sedgelands in Holocene dune swales of the southern Swan Coastal Plain (original description; Gibson <i>et al</i> . (1994).	Critically Endangered	Endangered (Listed as FCT19)
SCP20a	<i>Banksia attenuata</i> woodlands over species rich dense shrublands (floristic community type 20a as originally described in Gibson et al. (1994))	Endangered	Endangered
SCP26a	<i>Melaleuca huegelii - Melaleuca systena</i> shrublands on limestone ridges (floristic community type 26a as originally described in Gibson <i>et al.</i> (1994))	Endangered	
SCP21c	Low lying <i>Banksia attenuata</i> woodlands or shrublands	Priority 3	Endangered as part of Banksia WL SCP
SCP22	Banksia ilicifolia woodlands	Priority 3	Endangered as part of Banksia WL SCP
SCP23b	Swan Coastal Plain <i>Banksia attenuata - Banksia menziesii</i> woodlands	Priority 3	Endangered as part of Banksia WL SCP

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
SCP24	Northern Spearwood shrublands and woodlands	Priority 3	
SCP25	Southern Eucaly <i>ptus gomphocephala-Agonis</i> <i>flexuosa</i> woodlands	Priority 3	Critically Endangered as part of Tuart Woodland TEC
SCP29a	Coastal shrublands on shallow sands	Priority 3	
SCP29b	Acacia shrublands on taller dunes	Priority 3	
Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered
Tuart woodlands	Tuart (<i>Eucalyptus gomphocephala</i>) woodlands and forests of the Swan Coastal Plain	Priority 3	Critically Endangered

4.4 Flora

A combined total of 119 plant species have been recorded during the PGV Environmental and GHD surveys (Appendix 6). PGV Environmental recorded 97 species in their survey area. GHD recorded an additional 22 species. The GHD survey also included another mining lease in their report and the report did not separate the species list according to the two different survey areas. Therefore, the additional species recorded by GHD have been taken from the quadrat data that are located in the uncleared part of their survey on M70/138.

The combined species list consists of 87 native and 32 introduced species. The percentage of introduced species (27%) is higher than expected considering the site does not appear to have been cleared in the past. The number of native species is low for a survey area of 39.7ha mostly in Excellent condition but is to be expected given the low diversity of vegetation types.

The plant Families with the highest representation of species are the Fabaceae (Pea and Wattle family – 13 species, including 12 native and 1 introduced), Poaceae (Grass family – 12 species, including 1 native and 11 introduced), Asteraceae (Daisy family – 10 species, including 5 native and 5 introduced), Proteaceae (Banksia family - 9 species, all native) and Haemodoraceae (Kangaroo Paw family – 8 species, all native).

GHD (2010) recorded one plant of *Melaleuca* sp. Wanneroo in the northern end of their survey area. At the time of the survey *Melaleuca* sp. Wanneroo was a Priority 1 species. The species has since been changed to a Threatened species under the State *Wildlife Conservation Act 1950* in January 2018 and under the Commonwealth EPBC Act in July 2019. However, the plant appears to have been cleared as part of mining operations in 2015. No additional plants of *Melaleuca* sp. Wanneroo were recorded in the PGV Environmental survey.

Three Priority species have been recorded on the site as follows and shown on Figure 3:

- *Leucopogon* sp. Yanchep **P3** four individual plants recorded near the mid-southern boundary (Plate 4)
- Stylidium maritimum P3 9 plants recorded in two populations in the north-east corner (Plate 5)
- *Pimelea calcicola* **P3** one plant recorded near the north-east corner (Plate 6)

Plate 4: Leucopogon sp. Yanchep P3 on the site (photo GHD 2013)



Plate 5: Stylidium maritimum P3 on the site



Plate 6: Pimelea calcicola P3 on the site



GHD (2010) provisionally recorded the Priority 3 plant *Sarcozona bicarinata* on the site. The identification of the species was not able to be verified by GHD due to the absence of flowering material. A photograph of the specimen, a young seedling, was included in the GHD report. By the sharp edges to the leaves PGV Environmental considers the plant is highly likely to be the non-native *Carpobrotus edulis* rather than the native *Sarcozona bicarinata* as *S. bicarinata* has rounded leaves compared to the sharp edges of *C. edulis*.

One Declared Pest weed, Bridal Creeper (*Asparagus asparagoides*), was recorded by GHD (2010) in the northern section of their survey area. The area in which the Bridal Creeper was recorded has since been cleared and quarried. No Bridal Creeper was recorded on the balance of the site in the PGV Environmental survey.

Quadrat Data from PGV Environmental are provided in Appendix 7.

Species richness in the four PGV Environmental quadrats ranged from 28-39 species (average 34.0). The percentage of introduced species in all quadrats was moderate to low with 4-11 species being 14-28% of species in each quadrat. GHD (2010) recorded a lower number of species in their four quadrats (average 22.8) which is highly likely due to the late spring (25 November) survey period when many spring ephemeral species would have finished flowering and not been able to be identified. The late survey period of GHD is not considered by PGV Environmental to have affected the results for identifying conservation

4.5 Vegetation

4.5.1 Vegetation Complex

Vegetation Complexes are a broad level of vegetation description which is based on the underlying geomorphology and rainfall (Heddle *et al.,* 1980). The areas of remnant native vegetation on the site is part of the Cottesloe Complex– Central and South vegetation complex which is described as:

Mosaic of woodland of *Eucalyptus gomphocephala* (Tuart) and open forest of *E. gomphocephala* – *E. marginata* (Jarrah) – *Corymbia calophylla* (Marri), closed heath on the limestone outcrops' (Heddle *et al.*, 1980).

The general description of the vegetation complex matches the vegetation types recorded on the site.

4.5.2 Vegetation Type

For small scale sites, such as the survey area, vegetation mapping can be further refined by using vegetation types which are described by the composition and structure of the dominant species rather than based on geomorphology.

GHD (2013) mapped one vegetation type over the whole of their survey area – *Melaleuca systena* Open Heath. PGV Environmental has examined the quadrat information and aerial photographs and considers that the area surveyed by GHD contains three distinct, but similar vegetation types. The consolidated vegetation type map shown in Figure 3 includes the revised mapping for the GHD survey area.

Coffey Environments (2010) mapped the small part of their survey area that overlaps the current survey area as a Tall Open Shrubland of *Xanthorrhoea preissii* and *Melaleuca huegelii* over *Banksia*

sessilis/Hakea trifurcata and *Melaleuca systena*. This description is similar to the description of the vegetation type determined by PGV Environmental for the area. The PGV Environmental terminology for vegetation types has been used in this report for consistency of mapping.

The consolidated vegetation map includes four native vegetation types as shown in Figure 3 and described in Table 5.

Table 5: Vegetation Types on the Site

Vegeta	ation Type	Description	Photograph
BsHt	Banksia sessilis/Hakea trifurcata/Xanthorrhoea preissii Tall Open Scrub over Hibbertia hypericoides/ Calothamnus quadrifidus/ Acacia pulchella Open Low Heath	 This is the main vegetation type occurring on the site, apart from the western, lower end. <i>Banksia sessilis</i> (Parrot Bush) is variable in density (2-70%) and up to 1.9m high. Other common taller shrubs over 1m include <i>Hakea trifurcata</i> and <i>Xanthorrhoea preissii</i>. The Low Heath vegetation contains common species <i>Hibbertia hypericoides, Calothamnus quadrifidus, Acacia pulchella, Melaleuca systena, Xanthorrhoea brunonis, Jacksonia calcicola, Austrostipa flavescens, Tricoryne elatior, Hemiandra pungens and <i>Conostylis aculeata</i>.</i> The soils were orange-brown sands with some surface limestone. PGV Environmental quadrats Q1, 2 and 3 are representative of this vegetation type. 	
MsMh	<i>Melaleuca systena/ Melaleuca huegelii</i> Open Heath	 One small area of this vegetation type occurred in the northeast corner of the site at the top of a small limestone breakaway. <i>Melaleuca systena</i> was the main tall shrub to 1.5m with <i>M. huegelii</i> also fairly common. Other common species in this unit were many that reflect the massive limestone outcropping soil type and included <i>Scaevola thesioides, Trymalium ledifolium, Acacia pulchella, Opercularia vaginata, Grevillea preissii, Daucus glochidiatus and Desmocladus flexuosus.</i> The soils were orange-brown sand with abundant surface limestone. PGV Environmental quadrat Q4 is representative of this vegetation type. 	

Vegetation Type	Description	Photograph
Ms <i>Melaleuca systena</i> Open Heath	 This vegetation type commonly occurred on the western part of the site where the depth of sand over limestone was slightly greater than in the central and eastern parts. Melaleuca systena, Calothamnus quadrifidus, Hibbertia hypericoides were the most common shrubs to 1m with Xanthorrhoea preissii, Mesomelaena pseudostygia, Daucus glochidiatus, Banksia dallanneyi and Lomandra hermaphrodita also common. The soils were light brown sand over shallow limestone. GHD quadrats Q2 and 3 are representative of this vegetation type. 	
MhCq <i>Melaleuca huegelii/</i> <i>Calothamnus quadrifidus</i> Tall Open Scrub	 This vegetation type occurred on a small limestone rise in the western part of the site. <i>Melaleuca huegelii</i> was dense 30-70% and up to 2.1m high. Other common shrubs included <i>Calothamnus quadrifidus, Banksia sessilis, Hibbertia hypericoides, Xanthorrhoea preissii, Grevillea preissii, Lomandra hermaphrodita, Conostylis aculeata, Hardenbergia comptoniana</i> and <i>Desmocladus flexuosus.</i> The soils were light brown sand with abundant surface limestone. GHD quadrat Q4 is representative of this vegetation type. 	

4.5.3 Floristic Community Types

Floristic Community Types (FCT) are based on the whole floristic composition of the vegetation rather than being determined by soil type and geomorphology (Vegetation Complex) or the nature of the dominant species (Vegetation Types).

GHD (2013) undertook computer analysis of their quadrats to assess likely FCTs on the site. The analysis found only a weak association of their quadrats with FCT 24 and 26a. PGV Environmental considers the weak association is highly likely due to the timing of the GHD survey in late November. The number of species recorded in the GHD quadrats was very low compared to the quadrats originally assessed for FCTs by Gibson *et al.* (1994).

PGV Environmental assessed the potential FCTs of the four quadrats using the spreadsheet method which compares the species in the quadrats to the species found in each FCT (Table 12 in Gibson *et al.* 1994).

Using the method above, the BsHt vegetation type was found to be most similar to FCT24 'Northern Spearwood Shrublands and Woodlands'.

The MsMh vegetation type also had a high similarity with both FCT 24 and FCT 26a '*Melaleuca huegelii* – *M. systena* shrublands of limestone ridges'. Given the location of the MsMh vegetation type at the top of a small limestone ridges the FCT26a result is considered more likely than FCT24.

PGV Environmental considers the GHD vegetation types are highly likely to be representative of FCT 24.

4.5.4 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).

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.

Table 6: Vegetation Condition Rating Scale

Condition	Description
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 vegetation is shown in Figure 4. Most of the native vegetation on the site was assessed by PGV Environmental and GHD as being in Excellent condition. The western end of the site was rated as Good due to the higher abundance of weeds and some small, cleared areas and tracks.

4.6 Conservation Significance of Flora and Vegetation

4.6.1 Flora

Three Priority plant species recorded on the site being:

- Leucopogon sp. Yanchep P3
- Stylidium maritimum **P3**; and
- Pimelea calcicola P3.

Priority 3 species are those that are known from several localities that are not under imminent threat or from few but widespread localities with either large population size or significant remaining areas of apparently suitable habitat, much of which is not under imminent threat (Appendix 7).

Leucopogon sp. Yanchep is an erect shrub 0.15-1m high that occurs on a variety of soil types on the Swan Coastal Plain north of Perth from Wanneroo to the Shire of Dandaragan. The DBCA database records include 15 locations of *Leucopogon* sp. Yanchep within 10km of the site including in Neerabup and Yanchep National Parks.

Stylidium maritimum is a perennial herb up to 0.7m high in the Trigger Plant family that occurs from south of Mandurah to Jurien Bay on a variety of soil types, typically coastal heath and shrublands. Eleven locations of *Stylidium maritimum* have been recorded within 10km of the site (DBCA database search results, Appendix 5).

Pimelea calcicola is a 0.2-1m high that occurs on sand and coastal limestone ridges on the Swan Coastal Plain Yalgorup National Park to the Shire of Gingin. The DBCA database records include 8 locations of *Pimelea calcicola* within 10km of the site including in Yanchep National Park.

4.6.2 Vegetation

4.6.2.1 Vegetation Complex

The vegetation on the site is part of the Cottesloe Complex - Central and South (Heddle *et al.*, 1980). Approximately 32% of the pre-European vegetation extent of this complex remains, of which 14% is currently managed by DBCA (DBCA, 2018).

The percentage retention is above EPA's target for minimum 30% retention of vegetation complexes State-wide and above the 10% minimum criteria for vegetation complexes in the Perth and Peel Region Constrained Areas.

4.6.2.2 Threatened and Priority Ecological Communities

The main vegetation types on the site, BsHt *Banksia sessilis/Hakea trifurcata/Xanthorrhoea preissii* Tall Open Scrub, was found to be most similar to FCT24 'Northern Spearwood Shrublands and Woodlands'. FCT24 is a Priority 3 Ecological Community at State level but not listed under the EPBC Act. FCT 24 extends from Woodman Point in the south to the Shire of Gingin in the north.

The MsMh vegetation type occurring on a small area of outcropping limestone ridge in the north-east corner of the survey area was considered most likely to be FCT 26a '*Melaleuca huegelii* – *M. systena* shrublands of limestone ridges'. FCT26a is a listed Threatened Ecological Community at State level but not listed under the EPBC Act.

The location of the PEC and TEC are shown in Figure 5.

5 BLACK COCKATOO HABITAT ASSESSMENT

5.1 General

The site is within the mapped distribution of Carnaby's Black Cockatoo but north of the mapped distribution of both Baudin's Black Cockatoo and Forest Red-tailed Black Cockatoo. Therefore, the Black Cockatoo assessment focusses on Carnaby's Black Cockatoo habitat only.

5.2 Carnaby's Black Cockatoo (*Calyptorhynchus latirostris*)

Carnaby's Black Cockatoo is found in the south-west of Australia from Kalbarri through to Ravensthorpe. It has a preference for feeding on the seeds of *Banksia, Hakea, Eucalyptus, Grevillea, Pinus* and *Allocasuarina* spp. It is nomadic, often moving toward the coast after breeding. It breeds in tree hollows that are 2.5 – 12m above the ground and have an entrance of 23-30cm with a depth of 1-2.5m. Nesting mostly occurs in smooth-barked trees (e.g. Salmon Gum, Wandoo, Red Morrell). Eggs are laid from July to October, with incubation lasting 29 days (DoeE, 2016).

5.3 Assessment

PGV Environmental undertook the Black Cockatoo habitat assessment on 12 October 2020 during the flora and vegetation survey. the Black Cockatoo Habitat Assessment was undertaken in accordance with the EPBC Act referral guidelines for three threatened Black Cockatoo species: Carnaby's cockatoo (endangered) Calyptorhynchus latirostris Baudin's cockatoo (vulnerable) Calyptorhynchus baudinii Forest red-tailed Black Cockatoo (vulnerable) Calyptorhynchus baudinii Cockatoo Referral Guidelines).

A previous assessment of the western part of the site was undertaken by GHD (2013) using the same EPBC Act Referral Guidelines.

5.4 Habitat

The survey area does not contain any tall Eucalypts such as Tuart, Jarrah or Marri that could be used by Carnaby's Black Cockatoo for roosting or breeding.

A known roost site for Carnaby's Black Cockatoo is mapped approximately 2km south-east of the site near Barbagallo Raceway (National Map, 2020).

The site contains six species that are known foraging resource for Carnaby's Black Cockatoo including *Banksia sessilis, Hakea prostrata* and *Hakea trifurcata* (High value), *Xanthorrhoea preissii* Medium value) and *Banksia dallanneyi* (Low value) (Valentine and Stock, 2008; Groom, 2011). All vegetation types contain at least one of these species with *Banksia sessilis* (Parrot Bush) and *Xanthorrhoea preissii* the most abundant.

PGV Environmental recorded a small amount of foraging evidence on *Banksia sessilis* (Plate 7).

GHD (2013) did not record any evidence of foraging from their survey area but identified the vegetation as all providing potential foraging habitat.

Plate 7: Foraging on Banksia sessilis



6 SUMMARY AND CONCLUSIONS

6.1 Summary

The Flora and Vegetation survey of a 39.7ha portion of M70/138 resulted in the following findings:

- A combined total of 119 plant species have been recorded in the survey area. This total consists of 87 native species and 32 (27%) introduced species;
- Three Priority flora species were recorded on the site:
 - Leucopogon sp. Yanchep P3 four individual plants near the mid-southern boundary
 - Stylidium maritimum P3 9 plants in two populations in the north-east corner
 - *Pimelea calcicola* **P3** one plant in the north-east corner
- Four vegetation types were described and mapped on the site with over 90% of the vegetation comprising either *Banksia sessilis/Hakea trifurcata/Xanthorrhoea preissii* Tall Open Scrub or *Melaleuca systena* Open Heath vegetation. Two small areas of outcropping limestone contained vegetation with *Melaleuca huegelii* and *M. systena* as dominant tall shrubs;
- Most of the vegetation was rated in Excellent condition. The vegetation at the western end of the site was in Good condition due to the higher density of weed species;
- The vegetation is part of the Cottesloe Central and South Vegetation complex which is well retained in the Perth Metropolitan Region;
- The dominant vegetation types (BsHt and Ms) on the site occurring on shallow sand soils with some outcropping limestone and the small area of MhCq vegetation were assessed as being FCT24 'Northern Spearwood Shrublands and Woodlands' which is a Priority 3 ecological community at State level;
- The vegetation on the low ridge with abundant outcropping limestone in the north-east corner of the site was assessed as most likely being FCT 26a '*Melaleuca huegelii M. systena* shrublands of limestone ridges' which is a Threatened Ecological Community at State level;
- None of the vegetation types is a listed TEC under the Commonwealth EPBC Act; and
- The site does not contain any trees suitable for roosting or breeding by Black Cockatoos. All of the vegetation has foraging value for Carnaby's Black Cockatoo with the eastern area of BsHt vegetation type having higher value due to the higher density of *Banksia sessilis* and other Proteaceous shrubs.

6.2 Conclusions

The vegetation on M70/138 south of the existing quarry all has some conservation status either as a Priority Ecological Community or a small area of Threatened Ecological. The site also contains some Priority 3 flora species and provides foraging habitat for Carnaby's Black Cockatoos. This situation is not unusual for limestone tenements in the City of Wanneroo area where the vegetation types on the best limestone resources are either a Priority or Threatened Ecological Community, and where the presence of Threatened and Priority flora species is not uncommon.

PGV Environmental considers the vegetation in the northeastern part of the survey area has the highest environmental value as it contains FCT 26a which is a TEC at State level, contains two Priority

3 plant species and is part of a limestone ridge with similar environmental characteristics that extends in a south-east direction just outside the survey area.

The remaining vegetation in the survey area is typical of vegetation occurring on shallow sand over limestone soils that are well reserved in the City of Wanneroo including Neerabup and Yanchep National Parks and several Bush Forever sites. Clearing vegetation in the areas mapped as BsHt and Ms should not adversely impact on the conservation status of any ecological community or plant species.

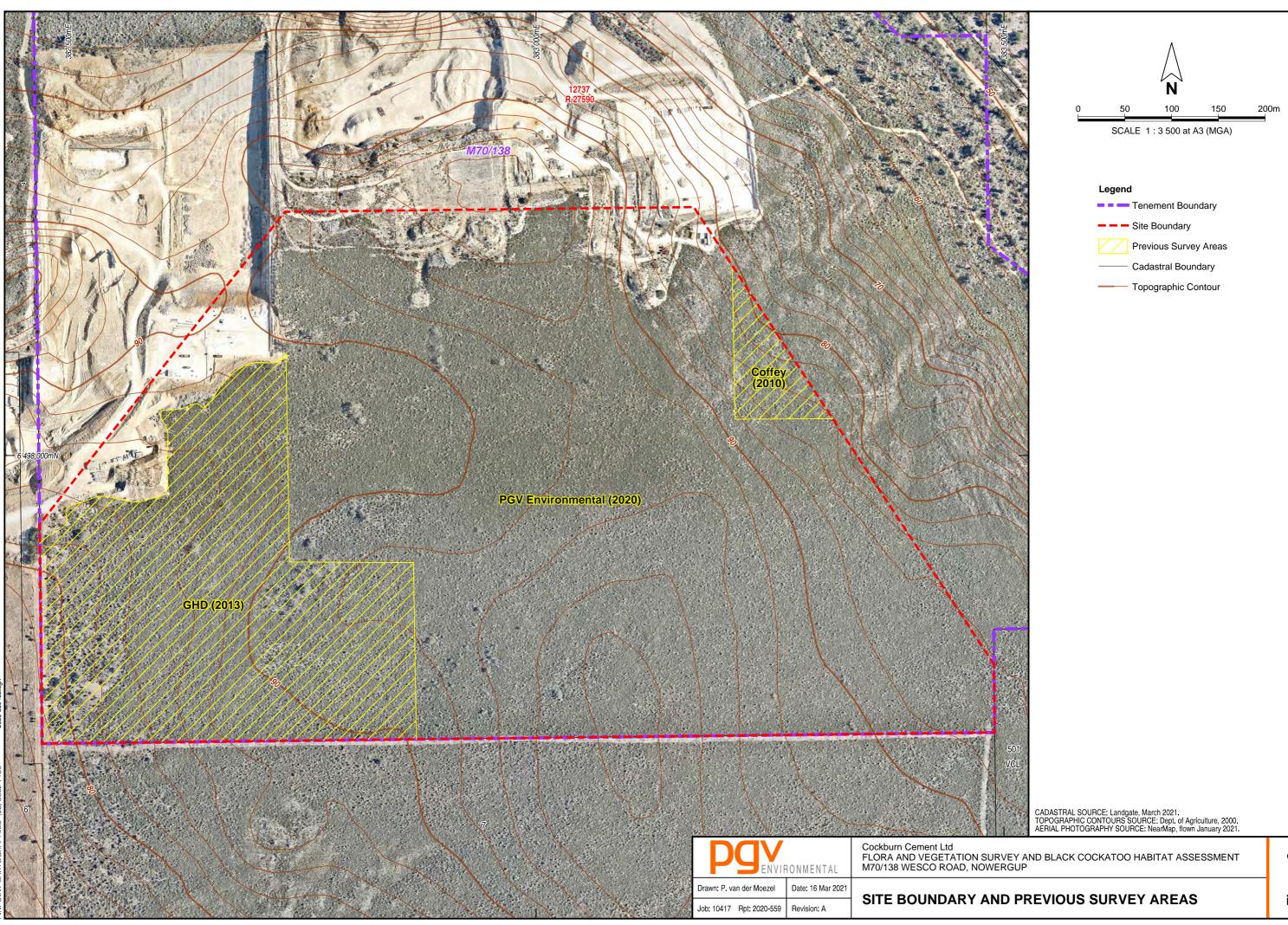
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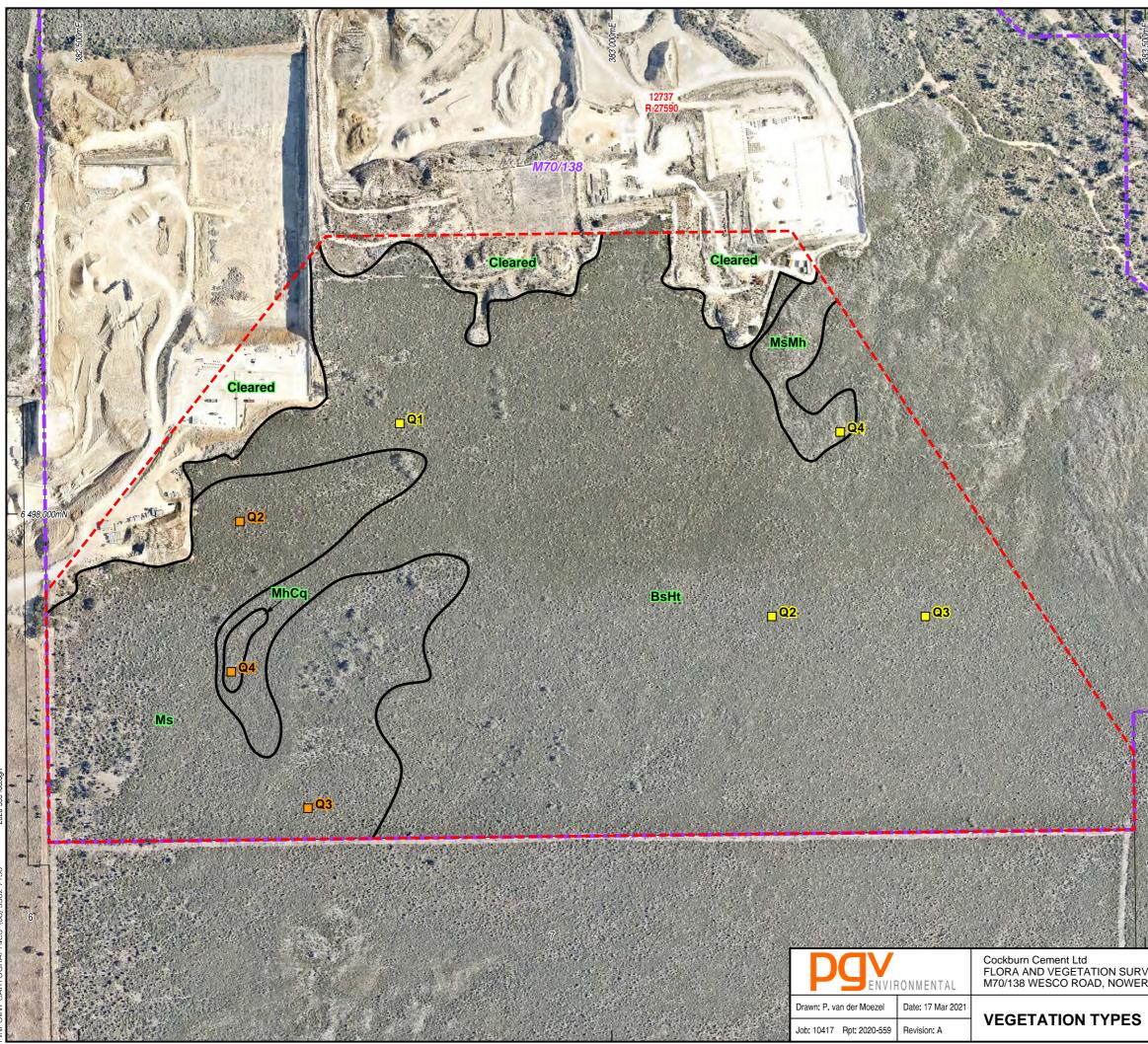
latirostris; Baudin's cockatoo (vulnerable) Calyptorhynchus baudinii; Forest red-tailed black cockatoo (vulnerable) Calyptorhynchus banksii naso. Commonwealth of Australia.

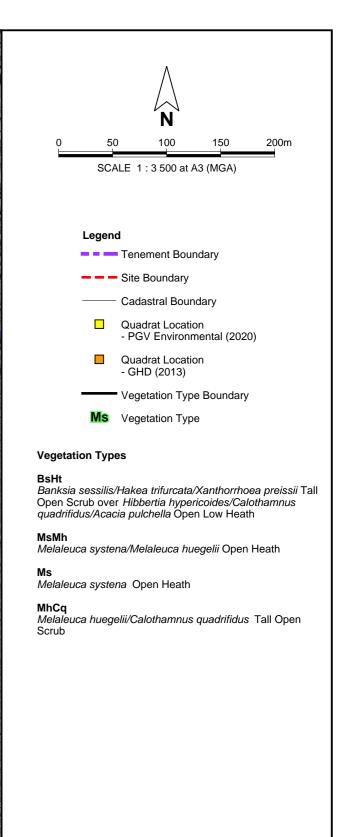
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FIGURES

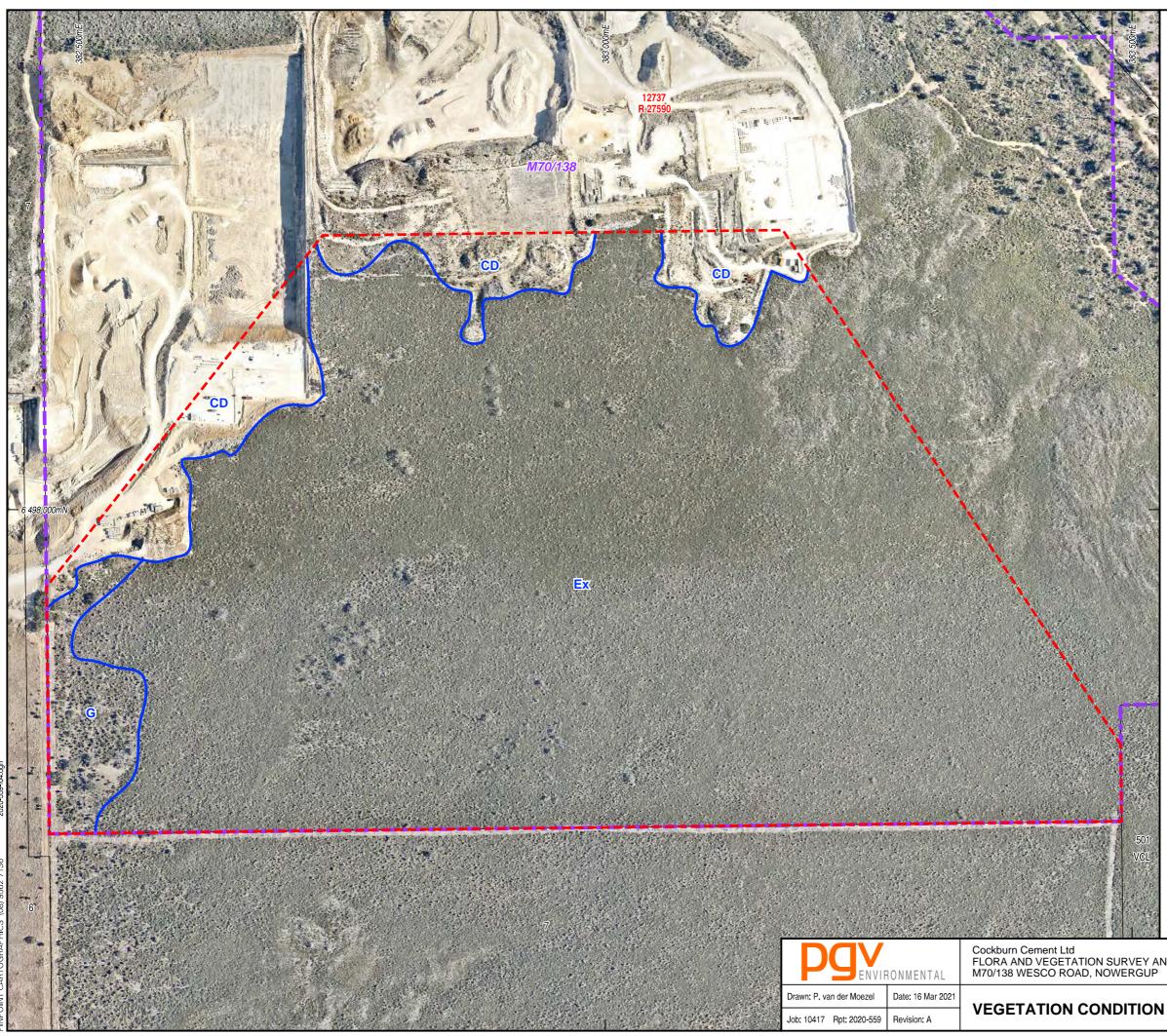


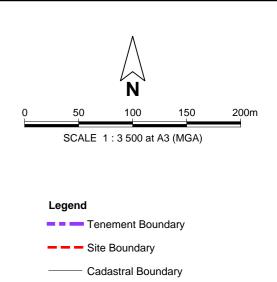




CADASTRAL SOURCE: Landgate, March 2021. AERIAL PHOTOGRAPHY SOURCE: NearMap, flown January 2021.

Cockburn Cement Ltd FLORA AND VEGETATION SURVEY AND BLACK COCKATOO HABITAT ASSESSMENT M70/138 WESCO ROAD, NOWERGUP





Vegetation Condition Boundary

VG Vegetation Condition

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

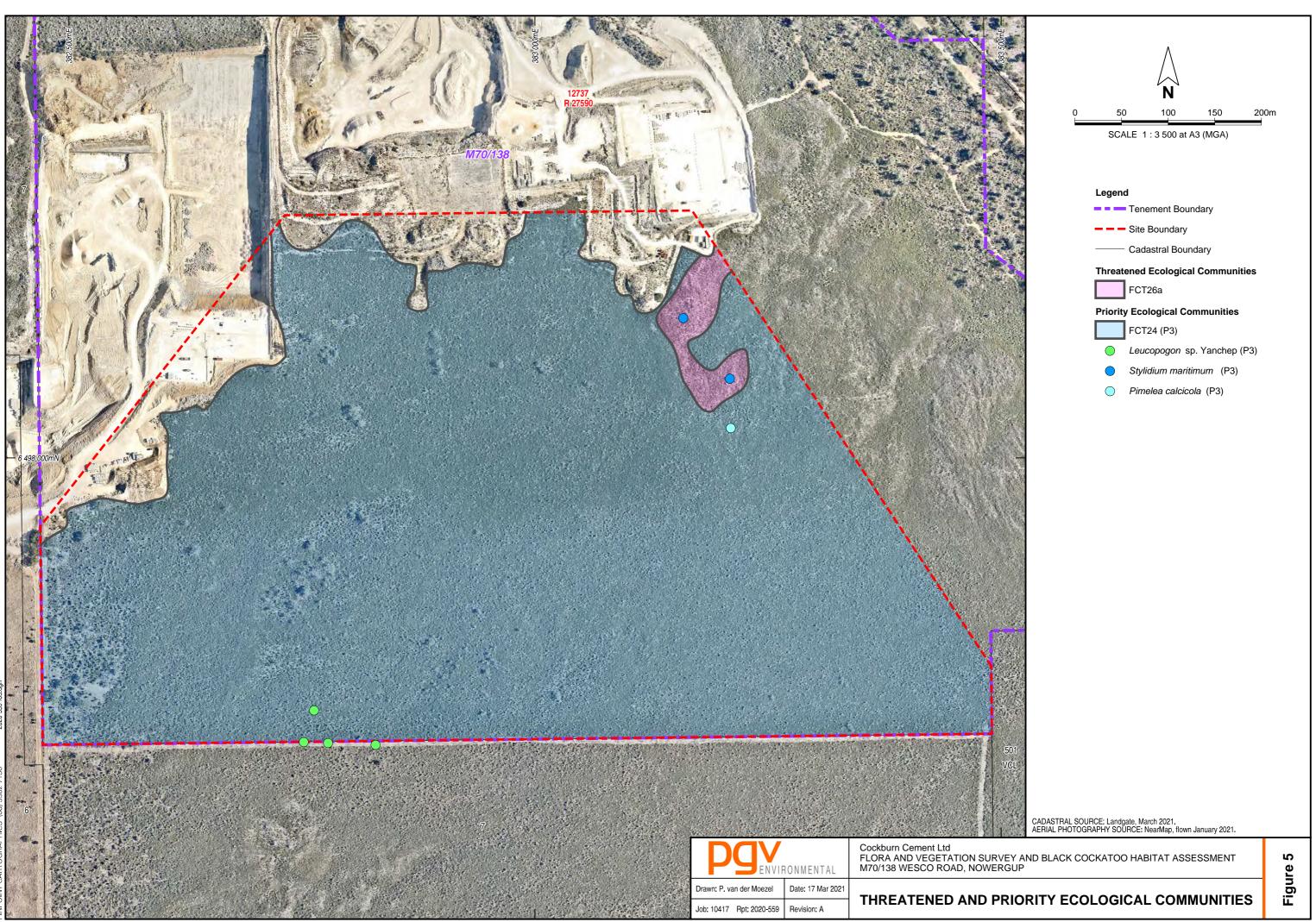
No native vegetation remaining.

CADASTRAL SOURCE: Landgate, March 2021. AERIAL PHOTOGRAPHY SOURCE: NearMap, flown January 2021.

FLORA AND VEGETATION SURVEY AND BLACK COCKATOO HABITAT ASSESSMENT

4

Figure



APPENDIX 1

DBCA Flora Database Searches

FID) P	opid	Nameid	Taxon	ConsStatu s WARank	Pop! er	Numb Sub de	bPopCo Po	opStatus	District	Vesting	Purpose1	Purpose2	CountDate	Meth od	n MatC JuvCo Co ount unt t	edl LiveT C un otal t	Oun Type Py	InFlo PopC HabC wer onditi onditi		o Landfo rm	RockT Gravel S	SoilTy De	SoilCol Draina or ge	Aspect	AssSpecies
309	98	6275	3237	Acacia benthamii	2	1				SWAN COASTAL	PRI			15/09/1975 0:00		0	0	.,	N							
31:	2 8	6278	3237	Acacia	2	4				SWAN COASTAL	MRD	VER		5/06/2000 0:00	ESTN T	1 71	71		N	VegClas: Open B.menziessii woodland MOIS over shrubland	ST FLAT	LIMES TN		YELLO W		Calothamnus quadrifidus,Acacia humilis,Acacia pulchella,Hibbertia hypericoides
16	31 8	9656	11336	Adenanthos cygnorum subsp. chamaephyton	3	16				SWAN COASTAL	LGA	VER	FOR	13/11/1981 0:00	UNK NOW N	/ 0	10		Ν				OAM SND			
462	20 8	4935	1596	Caladenia huegelii	T CR	22				SWAN COASTAL	LGA	VER		14/10/2004 0:00		0	0		N	Xanthorrhoea preissii, Patersonia sp., Hibbertia sp., Stirlingia latifolia.	RI_DU NE	2	SAND	GREY		Banksia attenuata,Banksia menziesii,Banksia iliicifolia,Allocasuarina fraseriana
494	40 1	.04572	45757	Calectasia elegans	2	1	А			SWAN COASTAL	SPC	GVT		7/09/2006 0:00	ACT_ ND	9 ^I	9		Y	Andersonia heterophylla, Austrodanthonia occidentalis, Austrostipa compressa, Beaufortia sp.	SLOPE	QUAR TZ	SAND	GREY		Banksia menziesii, Banksia attenuata, Regelia inops, Alexgeorgea nitens
494	41 1	.04573	45757	Calectasia elegans	2	1	В			SWAN COASTAL	сс	FOR		20/10/2006 0:00	ACT_ ND	¹ 2	2		Y	Open banksia, low woodland, dwarf scrubland	SLOPE	QUAR TZ	SAND	GREY		Banksia menziesii, Banksia attenuata, Regelia inops, Alexgeorgea nitens
594	47 9	7141	1425	Conostylis bracteata	3	1	A			SWAN COASTAL	LGA			29/03/1986 0:00		0	0		N	DomSp:Xanthorrhoea sp.	RI_DU NE					Acacia saligna,Eucalyptus gomphocephala,Banksi a attenuata Acanthocarpus
594	48 9	7142	1425	Conostylis bracteata	3	1	В	х		SWAN COASTAL	PRI			16/08/1986 0:00		0	0		Ν		RI_DU NE				E	preissii,Acacia lasiocarpa
594	49 9	7143	1425	Conostylis bracteata	3	1	с			SWAN COASTAL	LGA	PAR		16/08/1986 0:00		0	0		N	DomSp: Banksia attenuata, Melaleuca acerosa		LATER ITE				Dryandra sessilis,Acacia saligna,Acacia xanthina,Xanthorrhoea preissii
59	52 8	4822	1425	Conostylis bracteata	3	4				SWAN COASTAL	NON	UCL		6/11/1997 0:00		0	0		N	DomSp: Acacia spp., Ehrharta calycina.	CD_LK BED	5	SAND	GREY		Banksia attenuata,Banksia menziesii,Burchardia congesta,Hibbertia hypericoides Eucalyptus argutifolia
610	DO 8	9694	11388	Conostylis pauciflora subsp. euryrhipis	4	3				SWAN COASTAL	UNKNOW N			25/03/1987 0:00		0	0		N							aff. conglobata,Dryandra sessilis,Melaleuca huegelii,melaleuca acerosa
610	D3 8	9697	11388	subsp. euryrhipis	4	6				SWAN COASTAL	сс	FOR		26/07/1996 0:00	UNK NOW N		100		N	DomSp:Blackboys, Dryandra sessilus, Dryandra nivea, Native Wisteria	RIDGE	LIMES TN		YELLO W		Melaleuca huegelii,Melaleuca acerosa,Grevillea thelemanniana,Acacia pulchella
61:	15 8	9691	11388	Conostylis pauciflora subsp. euryrhipis	4	14				SWAN COASTAL	сс	FOR		22/10/1993 0:00		0	0		N		SLOPE	LIMES TN		YELLO W	S	Eucalyptus patens,Bossiaea eriocarpa,Conostylis pauciflora
613	25 8	9775	11657	subsp. pauciflora	4	7				COASTAL	PRI			19/10/2007 0:00		0	0		Y	Dom sp: Bromus diandrus. OPen low heath over grassland.	SLOPE	LIMES TN	SAND	GREY	w	Melaleuca systena,Scaevola globulifera,Austrostipa flavescens,Lolium perenne
630	00 9	3212	16245	Cyathochaeta teretifolia	3	3				SWAN COASTAL	LGA	REC		27/10/1994 0:00		0	0		Ν							

FID	Рор	pid Na	meid Taxo	n	ConsStatu s	WARank	PopNumb Su er de	s District	Vesting	Purpose1 Purpose2	CountDate	Meth od	MatC Juv ount un	/Co Seed t Cour	l LiveT otal	Coun tType py	INFIO	PopC HabC onditi onditi	HabNotes	SoilCo ndit	Landfo RockT rm ype	l SoilTy pe	SoilCol Draina or ge Aspec	t AssSpecies
6307	931	194 16	245 Cyath tereti	hochaeta ifolia	3		10	SWAN COASTAL	LGA	VER	13/11/2007 0:00	ACT_I ND	1		1		N		Open forest over tall open scrub over sedgeland. Meeboldina sp. Ground wet all year. 90% litter coverage.		FLAT	LOAM	BROW PERMI N NUN	Melaleuca preissiana,Astartea scoparia,Lepidosperma effusum
6321	932	209 16	245 Cyath tereti	nochaeta ifolia	3		24	SWAN COASTAL	сс	FOR	2/12/2002 0:00		0		0		N							Melaleuca preissiana,Astartea fascicularis,Hypocalym ma angustifolium,Banksia littoralis
6511	. 966	523 34	773 Darw foetio		т	EN	4	SWAN COASTAL	PRI		9/03/2007 0:00	ESTM T	25		25		N		Palusplain multiple use wetland.			SAND	GRY_B LCK	Corymbia calophylla,Melaleuca rhaphiophylla,Hypocaly mma angustifolium
8202	907	764 13	Eucal 091 argut		T	VU	2	SWAN COASTAL	сс	FOR	13/12/2013 0:00	ACT_I ND	29 1	0	0	PLAN 471 TS 471	Ν	HEAL EXCE THY LENT		DRY	OU_SL LIMES GRVL OPE TN 10	- SAND	BROW WLL_ SE N DRND SE	Occasional Xanthorrhoea preissii, Acacia pulchella, Conostylis sp., Leucopogon parviflorus, Grevillea presisii, , Gompholobium tomentosum, Thomasia triphylla, Opercularia vaginata, Desmoclaudus sp., Leucopogon sp., Kennedia prostrata, Cassytha sp., Styl
8204	907	767 13	091 Eucal argut		T	vu	5	SWAN COASTAL	сс	FOR	5/04/2012 0:00	ACT_I ND	47		0	CLU 132 MPS			Habitat intact; no obvious disturbance.	DRY	FLAT LIMES TN		BROW WLL_ N DRND	Xanthorrhoea preissii, Dryandra sessilis, Nuytsia floribunda, Melaleuca systena, H. lissocarpha, Diplolaena angustifolia, Acacia lasiocarpa, Grevillea preissii subsp. preissii, Hibbertia hypericoides, Bossiaea eriocarpa, Conostylis candicans, Hakea trifu
8206	5 101	1587 13	091 Eucal argut		т	VU	7 A	SWAN COASTAL	cc	FOR	6/12/2013 0:00	ACT_ CLMP	2 0	0	0	CLU 11 MPS ¹¹	Y	HEAL EXCE THY LENT	QUARRY Despite being surrounded by a limestone mine this elevated and isolated remnant of vegetation on the top of the ridge is in very good to excellent condition.	DRY	OUTC LIMES GRVL ROP TN 30	- SAND	BROW N	Occasional E.argutifolia over closed heath of Melaleuca huegelii, Melaleuca systena, Bankaia sessilis var. cygnorum, Acacia lasiocarpa, Hemiandra pungens, Acacia alata var. tetrantha with Lomandra maritima and

Cassytha sp.

FID	Ρ	opid	lameid	Taxon	ConsStatu s	WARank	PopNumb er	SubPopCo P de	PopStatus	District	Vesting	Purpose1	Purpose2	CountDate	Meth od	MatC Ju ount ur	IVCo Sei Co nt t	edl un Live otal	T Coun tType	Area Occu Py	InFlo wer	PopC Hab(onditi ondi	HabNotes	SoilCo ndit	Landfo rm	RockT ype	Gravel So pe	ilTy So or	bilCol Drain - ge	^a Aspect	AssSpecies
8207	1	01588		Eucalyptus argutifolia	Ŧ	VU	7	в		SWAN COASTAL	cc	FOR	MIN	6/12/2013 0:00	ACT_ CLMP	41 3	0	0	CLU MPS	446		HEAL THY	Heath of Banksia sessilis var. cygnorum, Acacia lasiocarpa, Melaleuca huegelii, Melaleuca systena, Xanthorrhoea preissii, Acacia 7stenoptera, Hemiandra pungens, Trymalium ledifolium with occasional Hakea prostrata, Cassytha ?racemosa, Tem	MOIST		LIMES TN	SA	ND N	ROW	ESE	
8208	9	0769		Eucalyptus argutifolia	т	VU	8			SWAN COASTAL	сс	FOR		19/12/2013 0:00	ACT_ CLMP	53 2	0	0	CLU MPS	31		HEAL EXCE THY LENT		DRY	RIDGE	LIMES	GRVL_ SA 10	ND N	ROW WLL_ DRNE	SE	VTrymalium ledifolium var. ledifolium, Xanthorrhoea preissii and occasional Spyridium globulosum, Grevillea preissii, Astroloma microcalyx (colln)
8210	9	0756		Eucalyptus argutifolia	т	vu	10			SWAN COASTAL	WAT	WAT		5/04/2012 0:00	ACT_ CLMP	21		0	CLU MPS	290		MOD VRY ERAT GOO E D	Disturbance by rabbits has impacted the condition of the habitat.		SLOPE	LIMES TN	SA	ND N	ROW WLL_ DRNE	E	Eucalyptus argutifolia, E. petrensis, E. foecunda, Melaleuca huegelii, Banksia sessilis, Xanthorrhoea preissii, Acacia lasiocarpa, Grevillea preissii subsp. preissii, Hibbertia hypericoides, Conostylis candicans, Desmocladus asper.
8213	9	0759		Eucalyptus argutifolia	T	VU	13			SWAN COASTAL	LGA	REC		18/09/2013 0:00	ACT_I ND	8		0	PLAN TS	38	N	HEAL GOO THY D	HABITAT CONDITION: Good-degraded	MOIST	SL_MI _GE	LIMES TN	SA	ND GI	REY WLL_ DRNE	ı.	
8214	1	01581		Eucalyptus argutifolia	Ŧ	VU	14	A	:	SWAN COASTAL	NON	UCL		13/12/2013 0:00	ACT_I ND	32 0	0	0	PLAN TS	339	N	MOD ERAT EXCE E		MOIST	SL_UP _ST	LIMES TN	GRVL_ SA 10	ND BI N	ROW	NE	Hakea trifurcata, Xanthorrhoea preissii, Calothamnus quadrifidus, Hibbertia racemosa, Leucopogon parviflorus, Lepidosperma calcicola
8215	1	.01582		Eucalyptus argutifolia	т	VU	14	В		SWAN COASTAL	NON	UCL		13/12/2013 0:00	ACT_I ND	6		0	PLAN TS	10		HEAL EXCE THY LENT		MOIST		LIMES TN	SA	ND N	ROW		Leucopogon parviflorus, Lepidosperma calcicola

FID	Po	opid	Nameic	l Taxon	ConsStatu s	WARank	PopNumb er	SubPopCo P de	opStatus	District	Vesting	Purpose1 Purpose2	CountDate	Meth od	MatC Juv ount un	/Co Coun t t	LiveT otal	Coun tType F	Area Dccu Inf Dy we	Flo P er o	PopC HabC onditi onditi	HabNotes	SoilCo Lan ndit rm		^{kT} Grave ^j	J SoilTy pe	SoilCol Draina or ge	: AssSpecies
8216	90	0760	13091	Eucalyptus argutifolia	T	VU	15			SWAN COASTAL	LGA	REC	5/11/2013 0:00	ACT_I ND	20		0	PLAN 1 TS 1	143 N	H T	HEAL GOO THY D	Shrub Malle of Eucalyptus argutifolia over Shrubland Melaleuca huegelii, Melaleuca systena, Acacia rostellifera, Spyridium globulosum, Hakea trifurcata, over Hardenbergia comptoniana, Opercularia vaginata, Leucopagon parviflorus, Dianella revoluta, Comes	Moist ^{SL} _Gi	UP LIM E TN		SAND	WHITE	
8218	10	01584	13091	Eucalyptus argutifolia	т	VU	17			SWAN COASTAL	PRI		3/08/2006 0:00	ACT_I ND	1		0		N		MOD RAT		MOIST RID	DGE LIM		SAND	BROW N	Eucalyptus sp., Desmocladus sp., Melaleuca systena
9288	94	4987	20162	Fabronia hampeana	2		2			SWAN COASTAL	PRI		14/09/1994 0:00		0		0		N			Banksia, Macrozamia, Hibbertia, Xanthorrhoea, Dyandra, grasses, weeds.						Macrozamia riedlei
9290	10	04266	20162	Fabronia hampeana	2		4	A		SWAN COASTAL	PRI		12/01/2009 0:00		0		0		N			Dom sp: Xanthorrhoea preissii, Mesomelaena pseudostygia, Banksia sessilis, Spyridium globulosum				SAND		Macrozamia riedlei, Banksia attenuata, Hibbertia hypericoides, Hakea trifurcata
9291	10	04267	20162	Fabronia hampeana	2		4	в		SWAN COASTAL	PRI		12/01/2009 0:00		0		0		N			Dom sp: Macrozamia sp. & Banksia sp. Woodland.				SAND	YELLO W	Hakea trifurcata,Xanthorrhoea preissii,Hakea trifurcata
9292	10	04268	20162	Fabronia hampeana	2		4	с		SWAN COASTAL	PRI		12/01/2009 0:00		0		0		N			Banksia low open woodland. Dom sp: Acacia cyclops, Hibbertai hypericoides, Desmocladus flexuosus		LIM TN	ES	SAND	YELLO W	Eucalyptus decipiens, Macrozamia riedlei, Acacia rostellifera, Hypocalym ma angustifolium
9293	10	04269	20162	Fabronia hampeana	2		4	D		SWAN COASTAL	PRI		12/01/2009 0:00		0		0		N			Dom sp: Desmocladus flexuosus, Xanthorrhoea preissii, Hibbertia hypericoides & Banksia nivea.						Acacia rostellifera,Acacia saligna,Mesomelaena pseudostygia,Macroza mia riedlei
1154	4 87	7398	5133	Hibbertia helianthemoio es	d 4		3			SWAN COASTAL	сс	FOR	2/12/2002 0:00		0		0		N			Low woodland. Lechenaultia floribunda, Bibbertia subvaginata, Beaufortia elegans, Patersonia occidentalis.						Banksia menziesii,Banksia attenuata,Eucalyptus todtiana,Melaleuca seriata
1158	2 10	00789	49637	Hibbertia leptotheca	3		4	A		SWAN COASTAL	LGA	REC	21/09/1990 0:00		0		0		Y					_CLI LIM TN		SAND	GREY	Melaleuca cardiophylla
1158	3 10	00790	49637	Hibbertia leptotheca	3		4	В		SWAN COASTAL	LGA	REC	21/09/1990 0:00		0		0		N					CLI LIM	IES	SAND	GREY	Melaleuca cardiophylla
1158	8 10	00798	49637	Hibbertia leptotheca	3		9	A		SWAN COASTAL	PRI		14/10/2004 0:00	ESTM T	50		50		Y					ITC LIM IP TN		SAND	GREY	Acacia truncata,Grevillea preissii,Loxocarya flexuosa,Melaleuca systena

FI	þ	Popid	Nameid	Taxon	ConsStatu s	Rank Po er	opNumb S r o	SubPopCo PopS	Status I	District	Vesting	Purpose1	Purpose2	CountDate		MatC JuvCo Ount unt t	l LiveT otal	Coun tType py	InFlo wer	PopC HabC HabNotes onditi onditi	SoilCo ndit	Landfo rm	RockT ype Grav	el SoilTy pe	SoilCol Draina or ge Aspe	ct AssSpecies
1:	589	100799	49637	Hibbertia leptotheca	3	9	I	В	C	OASTAL	PRI			14/10/2005 0:00	UNK NOW N	100	100		Y		DRY	OUTC ROP	LIMES TN		WHITE	Melaleuca cardiophylla,Melaleuca huegelii,Diplopeltis huegelii,Grevillea preissii
1	970	86874	4027	Jacksonia sericea	4	1				WAN OASTAL	LGA	PAR	REC	15/11/1979 0:00		0	0		N							
1:	972	98915	4027	Jacksonia sericea	4	4	,	A		WAN COASTAL	PRI			27/12/1989 0:00		0	0		N		DRY	RI_DU NE	LIMES TN		YELLO W	Dryandra sessilis,Eucalyptus gomphocephala,Jackso nia furcellata,Eucalyptus marginata Dryandra
1:	973	98916	4027	Jacksonia sericea	4	4	1	В		WAN COASTAL	NON	UCL		27/12/1989 0:00		0	0		N		DRY	RI_DU NE	LIMES TN		YELLO W	sessilis,Eucalyptus gomphocephala,Jackso nia furcellata,Eucalyptus marginata Dryandra
1:	974	98917	4027	Jacksonia sericea	4	4		с	C	UASTAL	PRI			27/12/1989 0:00		0	0		N		DRY	RI_DU NE	LIMES TN		YELLO W	sessilis,Eucalyptus gomphocephala,Jackso nia furcellata,Eucalyptus marginata
1	975	98919	4027	Jacksonia sericea	4	5	,	A		WAN OASTAL	RAI	RRE		27/12/1989 0:00		0	0		Ν							
1:	976	98920	4027	Jacksonia sericea	4	5	I	в		WAN OASTAL	MRD	VER		27/12/1989 0:00		0	0		Ν							
1	977	98921	4027	Jacksonia sericea	4	5		с		WAN OASTAL	MRD	VER		27/12/1989 0:00		0	0		N							
1:	978	98922	4027	Jacksonia sericea	4	5	I	D		WAN OASTAL	MRD	VER		27/12/1989 0:00		0	0		N							
1:	979	98923	4027	Jacksonia sericea	4	5		E	S	14/AN	RAI	RRE		27/12/1989 0:00		0	0		N							
1:	980	98924	4027	Jacksonia sericea	4	5		F	S	WAN	PRI			27/12/1989 0:00		0	0		N							
1:	982	98926	4027	Jacksonia sericea	4	7	,	A	S	WAN	LGA	CON		7/11/1990 0:00	ESTM T	750	750		N				LIMES TN		BROW N	Banksia attenuata,Xanthorrhoe a,Macrozamia sp.,Acacia pulchella Banksia
1:	983	98927	4027	Jacksonia sericea	4	7	I	В		WAN OASTAL	LGA	CON		7/11/1990 0:00	ESTM T	250	250		N				LIMES TN		BROW N	attenuata,Xanthorrhoe a,Macrozamia sp.,Acacia pulchella
1:	985	98929	4027	Jacksonia sericea	4	9	,	A		WAN OASTAL	LGA	VER		26/03/1990 0:00	ESTM T	280	280		N				LIMES TN		BROW N	Banksia menziessii,Banksia attenuata,Acacia saligna
1:	986	98930	4027	Jacksonia sericea	4	9	1	В		WAN COASTAL	PRI			15/05/1990 0:00	ESTM T	7200	7200		N			SLOPE	LIMES TN		BROW N	Banksia attenuata,Banksia menziessii,Gompholobi um aristatum,Acacia saligna
12	333	87329	5038	Lasiopetalum membranaceu m	3	11	1			WAN COASTAL	сс	NPK		4/11/1987 0:00		0	0		Y	Growing under a jarrah tree in open woodland. On a flat - gently undulating slope. Occasional in area.			LIMES TN	SAND	GREY	Eucalyptus marginata (Jarrah).
13	233	95536	25819	Marianthus paralius	T EN	2				WAN COASTAL	LGA	PAR		26/10/2006 0:00	ACT_I ND	9	0	PLAN TS	Y	HEAL EXCE Coastal limstone heath	n DRY	SL_CLI FF	LIMES TN	SAND	WHITE	Melaleuca cardiophylla, Thomasia triphylla, Templetonia retusa, Spyridium globulosum, Olearis axillaris, Acanthocarpus preissii, Scaevola crassifolia
13	234	107424	25819	Marianthus paralius	T EN	3				WAN OASTAL	LGA	REC		12/06/2013 0:00	ESTM T	4 0 0	0	CLU 5 MPS		HEAL THY	MOIST	RIDGE	LIMES GRVI TN 30	- SAND	GREY WLL_ DRND	

FID	P	opid N	Nameid	Taxon	ConsStatu s	WARank	PopNumb er	SubPopCo de PopStatu	s District	Vesting	Purpose1 Purpose2	CountDate	Meth M od ou	atC JuvCo Seed Int unt t	l LiveT otal	Coun tType	Area Occu InFlo py wer	PopC Hab(onditi ondi	HabNotes	SoilCo L ndit r	Landfo R rm y	RockT Grav	vel SoilTy Sc pe or	oilCol Draina ge	ct AssSpecies
13360	1	10769 3	33022	Melaleuca sp. Wanneroo (G.J. Keighery 16705)	Ŧ	EN	1		SWAN COASTAL	LGA	GVT	8/07/2014 0:00	PART 50 _CNT		0	PLAN TS	5364	HEAL EXCE THY LENT		Moist f	RIDGE T	JMES IN	FSA_L OAM	WLL_ SW DRND	Closed tall scrub of Melaleuca systena, M. Sp Wanneroo x systena, M. huegelii, over Low shrubland of Calothamnus quadrifidus, Banksia sessilis var cygnorum, Leucopogon parviflorus, Xanthorrhoea preissil, Templetonia retusa over low open s
13361	1:	10770 3	33022	Melaleuca sp. Wanneroo (G.J. Keighery 16705)	т	EN	2		SWAN COASTAL	PRI	UNKNOW N	7/04/2008 0:00	ESTM T 10	10	0	PLAN TS	4022 Y	EXCE			OU_SL L OPE T		SAND BL	ACK	Melaleuca cardiophylla, M. sp., M. systena tall closed shrubland.
13362	: 1:	10789 3	33022	Melaleuca sp. Wanneroo (G.J. Keighery 16705)	T	EN	3	A	SWAN COASTAL	PRI		10/05/2017 0:00	ESTM 15 T	1	0	PLAN TS	100 N	HEAL EXCE THY LENT	Most of the plants occurred in: Tall open scrub of Melaleuca huegelii, Melaleuca spu Wanneroo with occasional Eucalyptus petrensis and Melaleuca systena, over open low heath of Acacia alata var. tetrantha, Thomasia triphylla over open sedgeland/herbland	DRY C	OU_SL L OPE T		SAND GI	REY WLL_ DRND	Banksia sessilis, Xanthorrhoea preissii, Conostylis pauciflora subsp. euryrhipis (P4), Conostylis candicans, WEEDS: Sonchus oleraceus, Urospermum picroides, Asparagus asparagoides,
13363	1:	11492 3	33022	Melaleuca sp. Wanneroo (G.J. Keighery 16705)	т	EN	3	в	SWAN COASTAL	RDL	MIN	27/11/2013 0:00	ND 1		0	PLAN TS	4 N	EXCE LENT				IMES N			
13364	1:	11509 3	33022	Melaleuca sp. Wanneroo (G.J. Keighery 16705)	T	EN	3	с	SWAN COASTAL	RDL	MIN	30/09/2009 0:00	ACT_I ND 41		0		2047 N	EXCE LENT				IMES N			
13365	1:	10790 3	33022	Melaleuca sp. Wanneroo (G.J. Keighery 16705)	т	EN	4	A	SWAN COASTAL	cc	FOR	26/11/2013 0:00	PART _CNT ⁴⁶		0	PLAN TS	#### N	EXCE				IMES N			
13366	1	11490 3	33022	Melaleuca sp. Wanneroo (G.J. Keighery 16705)	Ŧ	EN	4	В	SWAN COASTAL	сс	FOR	6/12/2013 0:00	ESTM 20 T 20		0	PLAN TS	475 Y	EXCE		DRY F		IMES IN	SAND	WLL_ DRND	Occ Eucalyptys argutfolia (pop7a) over Closed heath of Melaleuca huggelii, Melaleuca systena and Melaleuca systena and Melaleuca systema sessilis var. cygnorum, Acacia lasiocarpa, Hemiandra pungens, Acacia alata var. tetrantha with Lomandra maritima and Cassyth

FID	Poj	pid Na	ameid	Taxon	ConsStatu s WARank	PopNumb er	b SubPopCo de PopStatus	District	Vesting	Purpose1 Purpose2	CountDate	Meth od	h MatC Ju ount ur	JVCo Co nt t	edl LiveT otal	Coun tType py	InFlo PopC Hab0 wer onditi ondi	HabNotes	SoilCo ndit	Landfo RockT rm ype Grave	SoilTy S	SoilCol Draina Aspect pr ge	AssSpecies
15099	103	3688 17		Sarcozona bicarinata	3	1	A	SWAN COASTAL	LGA	REC	4/08/1992 0:00		0		0	.,	N	White sand over yellow sand.			SAND V	WHITE	Banksia menziesii
15100	103	3689 17		Sarcozona bicarinata	3	1	В	SWAN COASTAL	LGA	REC	4/08/1992 0:00	ESTN T	0 N		25		Y	White sand over yellow sand.			SAND V	WHITE	Banksia menziesii
15652	893	298 77		Stylidium longitubum	4	16		SWAN COASTAL	SPC		10/11/1994 0:00		0		0		Ν			FL_PA LU	CLA_L E OAM M	BROW SEASI N NUN	Calothamnus lateralis, Perischelia glomulifera
15677	908	804 13		Stylidium maritimum	3	13		SWAN COASTAL	PRI		9/10/2004 0:00	ESTN T	^И 100		100		Y	more illegible DomSp on RFRF	DRY	CREST LIMES TN	SAND G	SREY	Melaleuca cardiophylla, Melaleuca huegelii, Dryandra sessilis, Calothamnus quadrifidus
15678	908	805 13	3127	Stylidium maritimum	3	14		SWAN COASTAL	PRI		12/10/2005 0:00	UNK NOW N			200		Y		DRY	RI_DU NE	SAND V	WHITE	Leptorhynchos scaber, Melaleuca huegelii, Lomandra maritima
16656	93	721 44	1444	Tripterococcus sp. Brachylobus (A.S. George 14234)	4	17		SWAN COASTAL	PRI		10/11/1994 0:00		0		0		N	VegClass:Open Herbs		FL_PA LU	CLA_L OAM	SEASI	Lepyrodia muirii,Baumea articulata,Baumea vaginalis

FID	Sheet	NameID	Taxon	Cons_Cod e	Plant_Desc	Site	Vegetation	Frequency No	otes	Locality	Geo_Met hod	Precision	Date
714	8598320	3237	Acacia benthamii	2	Spindly shrub, 1 m high x 0.5 m wide.	Consolidated sand dune (Quindalup - Spearwood Dunes boundary). Light brown sand, leaf litter over Tamala Limestone. Area burnt > 5 years ago.	Woodland of Banksia menziesii, B. attenuata, Eucalyptus marginata, Allocasuarina fraseri (FCT 28). Associated species: Hibbertia hypericoides, Jacksonia sternbergiana, Opercularia vaginata, Orthrosanthus laxus var. laxus, Ricinocarpus glaucus, Schoenus c	2 plants only.		Hepburn Heights Bushland Padbury, N boundary	GPS	1	9/09/2013
715	1218697	3237	Acacia benthamii	2						Yanchep	AUTO	3	6/09/1990
716	920320	3237	Acacia benthamii	2						E [of] Wanneroo	AUTO	3	23/09/1965
723	718297	3237	Acacia benthamii	2						East Wanneroo	AUTO	3	23/09/1965
727	7622090	3237	Acacia benthamii	2		Flat, sand.	Areas of degraded - modified remnant jarrah woodland and weed dominated			Kingsway Sporting Complex, Hepburn Avenue, Madeley, City	UNK	2	22/11/2005
739	703656	3237	Acacia benthamii	2			areas.			of Wanneroo Wanneroo	MAN	0	/09/1975
740	169579	3237	Acacia benthamii	2		Sand.				Woodville [Almost surely Woodvale in W.A.: R.S. Cowan].	MAN	1	/09/1901
741	8982627	3237	Acacia benthamii	2	Shrub, 1.3 m high.	Flat. Yellow brown sand.	Low open forest of Allocasuarina fraseriana, Banksia attenuata and B. menziesii over tall open shrubland of Xanthorrhoea preissii over low open heath of Hibbertia hypericoides and Acacia humilis over very open grassland/sedgeland of Mesomelaena pseudosty			Mineral lease M70/341 and M70/345 within Bush Forever Site 290, Nowergup, City of Wanneroo	GPS	1	12/10/2009
4928	1014773	11336	Adenanthos cygnorum subsp. chamaephyton	3	Prostrate mat like shrub.	Lateritic sandy loam. Roadside.		e: Co ca		8 km E of Muchea	MAN	3	13/11/1981
5695	8320926	18195	Amanita carneiphylla	3	Pileus 100 mm, 66 mm diameter, cream, applanate, non-striate appendiculate margin, slightly viscid, strong 'amanita' smell, context white. Universal veil on the pileus: white, floccose warts mainly in the central 2/3 of the pileus, adnate. Lamellae: pale	Emerging from deep sand.	Banksia woodland, species of trees and other woody plants nearby: Banksia attenuate, B. menziesii, Jacksonia furcellata.	ic chi de ho gregarious r Gill tak ser g 2 E.	haracter etails bused ith becimen. ill piece ken for equencin 27.1.13	Yanchep	UNK	2	25/04/2003

FID	Sheet	NameID	Taxon	Cons_Cod e	Plant_Desc	Site	Vegetation	Frequency I	Notes	Locality	Geo_Met hod	Precision	Date
5846	8616035	46333	Amanita wadulawitu	2	Macroscopic characters: Pileus: 67 mm, white, convex, margin appendiculate, non- sulcate, context white, no smell. Universal veil on pileus: white, as small warts over whole pileus, adnate. Lamellae: white, adnate, 10 mm broad, crowded, margin concolorous	In deep sand.	Banksia woodlands, near Banksia attenuata, B. menziesii, Eucalyptus todtiana nearby.			Yanchep National Park	UNK	2	25/04/2003
5848	8616027	46333	Amanita wadulawitu	2	Macroscopic characters: Pileus: up to 70 mm, white, plane, non- sulcate, context white, no smell. Universal veil on pileus: white, as small warts in centre of pileus, adnate. Lamellae: white, adnexed, 8 mm broad, crowded, margin concolorous, fimbriate. To	In deep sand.	Banksia woodlands, near Banksia attenuata, B. menziesii, Eucalyptus marginata and Jacksonia furcellata.			Yanchep National Park	UNK	2	25/04/2003
6678	8497257	11957	Anigozanthos humilis subsp. chrysanthus	4	In flower.	Crest - upper slope with grey sand.	Associated species: Pinus pinaster, Eucalyptus todtiana, Adenanthos cygnorum, Nuytsia floribunda, Alexgeorgea nitens, Hibbertia subvaginata, Scholtzia involucrata.		Condition of populatio n: healthy. Potential threats: mining.	Gnangara pine plantation	GPS	1	16/09/2005
7784	5166071	35317	Austrostipa mundula	3			Tuart woodland.			Yanchep Road,	AUTO	4	/08/1963
8070	8443122	34161	Baeckea sp. Limestone (N. Gibson & M.N. Lyons 1425)	1	Erect shrub 1 m high x 1 m wide.	Limestone outcrop/ridge. Yellow sand. Sand derived from Tamala Limestone - Spearwood Dune System. Limetone. Burnt 5+ years.	Heath thickets in good condition. Banksia sessilis var. cygnorum, Spyridium globulosum, Acacia rostellidera, Calothamnus quadrifidus, Melaleuca systena, Hibbertia hypericoides, Lechenaultia linarioides, Conostylis candicans subsp. candicans, Pelargonium	widesprea d on limestone, 100+ plants.		Edgewater Quarry, bound by Joondalup Drive, Treetop Avenue and Regatta Drive, City of Joondalup	GPS	1	17/09/2012
8072	3378632	34161	Baeckea sp. Limestone (N. Gibson & M.N. Lyons 1425)	1	Open shrub 1 m high. Flowers white.	Soil - sand (dry).				Trichet Road, Wanneroo	AUTO	3	9/12/1981

FID	Sheet	NameID	Taxon	Cons_Cod e	Plant_Desc	Site	Vegetation	Frequency I	Notes	Locality	Geo_Met hod	Precision	Date
8074	3378640	34161	Baeckea sp. Limestone (N. Gibson & M.N. Lyons 1425)	1	Tall compact-straggly shrub, 2 m high. Flowers white.	Grey sand. Hill side.	Banksia woodland.			Trischett Road, SW of Jandabup Lake, Wanneroo	MAN	0	21/12/1981
8076	3416119	34161	Baeckea sp. Limestone (N. Gibson & M.N. Lyons 1425)	1	Shrub 1.8-2 m high, flowers white.	Limestone.				Neerabup Park	AUTO	3	21/10/1970
8081	3416089	34161	Baeckea sp. Limestone (N. Gibson & M.N. Lyons 1425)	1						Wanneroo	AUTO	3	/11/1901
8082	7404808	34161	Baeckea sp. Limestone (N. Gibson & M.N. Lyons 1425)	1		Limestone ridges SCP26a.			FCT26a Hadrell road. Transect road myhad 02, 10 m transect ID JP05, preburn plot.	Yanchep	GPS	1	5/09/2005
8083	4424840	34161	Baeckea sp. Limestone (N. Gibson & M.N. Lyons 1425)	1	Upright shrub to 2m.	Soil: Yellow sand and exposed limestone. Topography/drainage: Well drained gentle S facing slope of limestone ridge. Geomorphology: Tamala limestone (spearwood).	Vegetation: Eucalyptus patrensis Shrub Mallee over Bossiaea eriocarpa Dwarf Scrub C over mixed Open Dwarf Scrub D over Conostylis pauciflora Very Open Herbs.			Ridges MPA (M4) 250 m N of Bailey Rd, 1.5 km E of Wanneroo Rd (Yan- 14).		0	22/10/1993
8084	9139419	34161	Baeckea sp. Limestone (N. Gibson & M.N. Lyons 1425)	1	Upright shrub to 2 m. White flowers.	Flat, sandy soil. Limestone.	Vegetation dominated by Banskia sessilis and Baeckea sp.	extensive populatio n, 2307 plants recorded.		Neerabup, to S of Water Corporation's treatment plant		1	26/09/2017
8085	9139532	34161	Baeckea sp. Limestone (N. Gibson & M.N. Lyons 1425)	1	Upright shrub to 2.5 m. White flowers.	Moderate east-facing slope. Yellow grey sand.		120+ plants.		City of Wanneroo. Ca. 300 m W of Wanneroo Road, ca. 2.5 km N of the intersection with Romeo Road	GPS	1	9/11/2017
8086	9139540	34161	Baeckea sp. Limestone (N. Gibson & M.N. Lyons 1425)	1	Upright shrub to 2 m. White flowers.	Flat, sandy soil.	Banksia woodland.	7 plants.		Nanika Park, along Nanika Crescent, Neerabup	GPS	1	28/09/2017
10841	1202995	34236	Beyeria cinerea subsp cinerea	3	Spreading low twiggy shrub, to 30 cm x 40 cm. Flowers inconspicuous, female green, male yellow. Dioecious.	Ridge. Sand over limestone.	Low shrubland.	common in area.		Parrot Ridge, Yanchep National Park, 50 km N of Perth	AUTO	3	23/09/1989

FID	Sheet	NameID	Taxon	Cons_Cod e 	Plant_Desc	Site	Vegetation	Frequency Notes	Locality	Geo_Met hod	Precision	
12530 13013	255947 7215363	1596 45757	Caladenia huegelii Calectasia elegans	2	Herbaceous perennial shrub ca 40 cm x 50 cm in height with multiples stems and stilted roots. Flowers blue and fading to white.	On gentle slope above dampland, deep grey quartz sand. Last fire ca 20-30 years ago.	Banksia menziesii - Banksia attenuata - Banksia woodland (30-50% cover < 6m in height) over Regelia inops (2-10% cover <1.2 m in height) mixed low shrubs (10- 30% cover <0.5 m in height) rushes, sedges, perennial monocots (10-30%) and herbs-grasses (2-10	only two plants found.	Gnangara, ca 300 m E of Perry Road in Chitty Road bushland (Bush Forever Site No. 398), Pinjar (City of Wanneroo)	MAN GPS	3	19/09/1945 8/11/2005
13014	8008213	45757	Calectasia elegans	2	Small compact shrub to 30 cm high and 30 cm wide. mature fruit present.	Flat to gentle slope. Grey sand.	With Banksia attenuata, Banksia menziesii, Stirlingia latifolia.		Ca 300 m E of Perry Road within Chitty Road Nature Reserve. Pinjar, City of Wanneroo	GPS	1	11/12/2008
13016	8617767	45757	Calectasia elegans	2	Erect perennial subshrub to c. 45 cm high. Typical purple flower with red anthers; stilt roots present; plants in full flower.	Flat plain with deep grey sand. Long unburnt area.	Low Banksia woodland with moderately dense vegetation. Associated species: Banksia spp., Strilingia latifolia, Melaleuca spp., Eremaea spp., Hibbertia spp., Leucopogon spp.	several populatio ns in this vicinity of 2 or 3 plants.	Melaleuca State Forest, ca 380 m W of powerline track, ca 2.7 km S from the intersection of Neaves and Gallagher Roads	GPS	1	16/09/2008
13017	8617740	45757	Calectasia elegans	2	Erect perennial subshrub to c. 45 cm high. Typical purple flower with red anthers; stilt roots present; plants in full flower.	Flat plain with deep grey sand. Long unburnt area.	Low Banksia woodland with moderately dense vegetation. Associated species: Banksia spp., Stirlingia latifolia, Melaleuca spp., Eremaea spp., Hibbertia spp., Leucopogon spp.	several populatio ns in this vicinity of 2 or 3 plants.	Melaleuca State Forest, ca 170 m W of powerline track, ca 800 m S from the intersection of Neaves and Gallagher Roads	GPS	1	16/09/2008
13018	8008140	45757	Calectasia elegans	2	Small shrub.	Grey sand.	Associated species: Adenanthos cygnorum subsp. cygnorum, Jacksonia floribunda to 2.5 m, 20% cover, Beaufortia elegans to 1.7 m, 15% cover, Eremaea pauciflora subsp. pauciflora, Leucopogon conostephoides, Nuytsia floribunda to 0.9 m, 10% cover.	uncommo n.	Gnangara - Moore River State Forest, Melaleuca Block, 10 m W of Walton Road, 190 m N from intersection of corner of Warbrook and Walton Road, 10.3 km SW from Bullsbrook, GSS site PC1C	GPS	1	11/09/2008
13019	8008132	45757	Calectasia elegans	2	Small shrub.	Grey sand.	Associated species: Banksia attenuata, Nuytsia floribunda to 5 m, 10% cover, Jacksonia floribunda, Adenanthos cygnorum subsp. cygnorum to 1.6 m, 5% cover, Verticordia nitens to 1.5 m, 2% cover.	uncommo n.	Gnangara - Moore River State Forest, Melaleuca Block, 130 m E of St Patrick Road, 25 m S from intersection of corner of Warbook Road and St Patrick Road, 11 km SW of Bullsbrook, GSS site PC4A	GPS	1	11/09/2008
15511	2052148	1425	Conostylis bracteata	3			Blackboy - Parrotbush association.		Yanchep National Park	AUTO	4	12/10/1965

FID	Sheet	NamelD	Taxon	Cons_Cod e	Plant_Desc	Site	Vegetation	Frequency	Notes	Locality	Geo_Met hod	Precision	Date
15512	2052121	1425	Conostylis bracteata	3	Loosely tufted herb, leaves in flattened fascicles, margins with white appressed to spreading plumose hairs.	Swale in undulating consolidated dunes, some outcropping limestone.	In coastal scrub of Dryandra sessilis, Acacia saligna, A. xanthina, Xanthorrhoea preissii, Banksia attenuata, Melaleuca acerosa.			Mullaloo, c. 1 km inland, recreation reserve W of intersection of Waltham and Gunida Streets	AUTO	3	16/08/1986
15513	2052091	1425	Conostylis bracteata	3	Proliferous herb, leaves with hirsute, not spinescent margins.	On steep slope of consolidated sand dune.	Overlooking Blackboy Reserve, Acacia saligna scrub over dense low heath to 1m, on fringes of remnant tuart (Eucalyptus gomphocephala) woodland. Associated species include Xanthorrhoea and Banksia attenuata.			Vacant block, 47 Karalundie Way, Mullaloo, c. 1 km inland	MAN	0	29/03/1986
15514	5305691	1425	Conostylis bracteata	3	Perennial herb, flowers yellow.	Plain near lake. Grey sand.	Jarrah with Banksia attenuata, B. menziesii, Burchardia congesta, Hibbertia hypericoides, Acacia spp., Ehrharta calycina.	occasional		Remnant Banksia woodland (Block 9471), ca 2 km S of Burns Beach Road, E side of Lake Joondalup, Yellagonga Regional Park,	MAN	0	6/11/1997
15516	5931436	1425	Conostylis bracteata	3		Top of sand dune.				Mullaloo	MAN	3	19/11/1962
15518	1744321	1425	Conostylis bracteata	3	Loosely tufted herb to 80 cm diameter; leaf margins with white plumose appressed hairs <1 mm long; perianth 10- 12 mm long, pale yellowish green outside, golden yellow inside tube, lobes cream inside, becoming golden yellow at base and near apex, conspicu		Low heath of Acanthocarpus preissii, Acacia lasiocarpa.		Rendered extinct by housing developm ent on August 17.	Kallaroo, 25 km NNW of Perth; 50 m SSW of Juno Crescent on the verge of Dampier Avenue	MAN	0	16/08/1986
15519	8755388	1425	Conostylis bracteata	3	Tufted herb to 20 cm tall. Flowers yellow. Plants flowering at the time of collection. Leaves arranged into flattened, broadly fan-like clusters. The leaf margins glabrescent.	Grey sand, on mid-slope.	Acacia rostellifera and Melaleuca systena mid shrubland. Lomandra maritima low open herbs.	1 mature	Project: 3536.	2 Quinns Road, Mindarie, within Bush Forever No 397	GPS	1	4/11/2015
15678	4525205	11388	Conostylis pauciflora subsp. euryrhipis	4	Perennial herb.	Soil: Yellow sand and exposed limestone. Topography/drainage: Well drained gentle S facing slope of limestone ridge. Geomorphology: Tamala limestone (spearwood).	Vegetation: Eucalyptus patrensis Shrub Mallee over Bossiaea eriocarpa Dwarf Scrub C over mixed Open Dwarf Scrub D over Conostylis pauciflora Very Open Herbs.			Ridges MPA (M4) 250 m N of Bailey Rd, 1.5 km E of Wanneroo Rd (Yan- 14).		1	22/10/1993

FID	Sheet	NameID	Taxon	Cons_Cod e	Plant_Desc	Site	Vegetation	Frequency	Notes	Locality	Geo_Met hod	Precision	Date
15679	4966554	11388	Conostylis pauciflora subsp. euryrhipis	4		N and NE aspect. Ridge. Dry yellow sand over limestone/sheet boulder.	Completely open, treeless but scrubby site with Melaleuca heugelii, M. acerosa, Grevillea thelemanniana, blackboys, Acacia pulchella, Dryandra sessilis, D. nivea, native Wisteria.	100+ plants.		Yanchep State Forest, situated 350 m S down Obidos Road from the junction of Mistletoe Road	MAN	0	26/07/1996
15684	4059034	11388	Conostylis pauciflora subsp. euryrhipis	4	Tufted perennial herb, flowers yellow.	On grey calcareous sand.				Alkimos Block, W Carabooda Lake, Site 4	MAN	3	23/10/1989
15686	9208054	11388	Conostylis pauciflora subsp. euryrhipis	4	Stoloniferous herb, 20 cm high.		Allocasuarina lehmanniana subsp. lehmanniana high open shrubland over Spyridium globulosum, Olearia axillaris, Acacia cyclops high shrubland over Melaleuca systena, Rhagodia baccata low open shrubland over Desmocladus asper, Lepidosperma pubisquameum ver			C. 1.9 km S of Yanchep, 6 km W of Yanchep Beach Road - Wanneroo Road intersection which is 54 km N of Perth CBD	GPS	1	1/10/2007
15689	5982138	11388	Conostylis pauciflora subsp. euryrhipis	4		S slope, on sand dunes; dry white sand; long unburnt.	Low heath 0.3 m tall, 30-70% cover.	c. 20 mature plants in a 5 x 20 m area.		Site 18, NW corner of the Alkimos Estate, 100 m from the coast,	MAN	3	25/10/1996
15691	7836457	11388	Conostylis pauciflora subsp. euryrhipis	4		Yellow-brown sand over limestone, slope, private lease. NW aspect.	Acacia rosterllifera and Spyridium globulosum Tall Open Scrub over Melaleuca systena Low Open Shrubland over mixed Herbland-Grassland.		Healthy populatio n with flowers. Potential threat from clearing.	Eglington, W of Marmion Avenue, S of Pipindinny Road	GPS	1	17/10/2007
15692	7858833	11388	Conostylis pauciflora subsp. euryrhipis	4	Tufted perennial.	Sand, secondary dunes.	Scaevola crassifolia, Lomandra maritima, Rhagodia baccata, Hardenbergia comptoniana, Threlkeldia diffusa, Hemiandra pungens, Acanthocarpus preissii.			Alkimos	GPS	0	1/03/2007
15698	9039023	11388	Conostylis pauciflora subsp. euryrhipis	4	Herb.	Dunes.	Acacia cochlearis and Melaleuca systena low open shrubland.			Alkimos, Perth	GPS	1	20/10/2016
15711	7836449	11657	Conostylis pauciflora subsp. pauciflora	4		Grey sand over limestone, slope private lease, W aspect.	Melaleuca systena and Scaevola globulifera Open Low Heath over Austrostipa flavescens, Lolium perenne and Bromus diandrus Grassland.		Healthy populatio n with flowers. Potential threat from clearing.	Eglington, W of Marmion Avenue, S of Pipindinny Road	GPS	1	19/10/2007
16306	4098374	16245	Cyathochaeta teretifolia	3	Perennial herb up to 2 m tall, clumped.	On grey sandy clay on seasonally wet slope beside permanent lake.	In Melaleuca preissiana and Eucalyptus rudis Open Low Woodland A over Aotus gracillima and Astartea aff. fascicularis Heath A over Herbs, Very Open Tall Sedges and Open Low Sedges.			Site 02, Gnangara	MAN	0	//

FID	Sheet	NamelD	Taxon	Cons_Cod e	Plant_Desc	Site	Vegetation	Frequency Notes	Locality	Geo_Met hod	Precision	Date
16314	8122342	16245	Cyathochaeta teretifolia	3		Sandy loam.	Melaleuca preissania to 7.0 m, 10% cover, over Xanthorrhoea preissii, Banksia ilicifolia to 5.0 m, 20% cover, over Pultenaea reticulata, Astatea scoparia to 1.8 m, 10% cover, over Hypocalymma angustifolium to 0.7 m, 10% cover, over Mixed to 0.2 m, 10% co		Gnangara-Moore River State Forest, Melaleuca Block, 130 m W of a point 320 m N of intersection of Quicke Road and St Patrick Road, Bullsbrook, 13.8 km ENE of Wanneroo, GSS site 19B	GPS	1	26/10/2008
16321	4097394	16245	Cyathochaeta teretifolia	3	Perennial herb up to 2 m tall, clumped.	On grey sandy clay on seasonally wet slope beside permanent lake.	In Melaleuca preissiana and Eucalyptus rudis Open Low Woodland A over Aotus gracillima and Astartea aff. fascicularis Heath A over Herbs, Very Open Tall Sedges and Open Low Sedges.		Site 02, Gnangara	MAN	0	//
16325	2076802	16245	Cyathochaeta teretifolia	3	Tall grass like plant 1 m high.	In peat swamp.			8.38 km N along Galacher Road off Neeves Road	MAN	0	7/02/1980
16327	4654773	16245	Cyathochaeta teretifolia	3	Perennial herb up to 2 m tall, clumped.	On grey sandy clay on seasonally wet slope beside permanent lake.	In Melaleuca preissiana and Eucalyptus rudis Open Low Woodland A over Aotus gracillima and Astartea aff. fascicularis Heath A over Herbs, Very Open Tall Sedges and Open Low Sedges.		Site 02, Gnangara	MAN	0	//
16330	6533078	16245	Cyathochaeta teretifolia	3	Erect tufted sedge to 1.5 m by 0.4 m.	Sumpland, black humic sand over ?clay. Plants in wettest section of sumpland.	Hakea varia and Melaleuca teretifolia Heath A.		SW corner of Della and ?Marshall Roads, Beechboro	GPS	1	8/12/1995
16335	6427774	16245	Cyathochaeta teretifolia	3	Tufted perennial herb, flowers straw colour.	Damp margin of lake, flat ground, grey sand with clay, poor drainage, wet during winter/spring.	Open Low Woodland A. Associated species: Melaleuca preissiana, Eucalyptus rudis.		E of Lake Gnangara in System 6 Update quadrat gnan02 (System 6 Area M8, Bush Forever Site 193)	GPS	1	27/10/1994
16338	6808077	16245	Cyathochaeta teretifolia	3	Grass like or sedge.		Low forest, Melaleuca preissiana, Astartea fascicularis, Hypocalymma angustifolium, Banksia littoralis.		Gnangara Mound	MAN	3	2/12/2002
16718	8190518	7485	Dampiera triloba	3		Loamy sand.	Melaleuca priessiana, Corymbia calophylla to 9.0 m, 5% cover, over Astartea scoparia to 2.1 m, 25% cover, over Hypocalymma angustifolia to 1.0 m, 40% cover, over Patersonia occidentalis, Hypochaeris glabra, Trachymene pilosa to 0.7 m, 10% cover, Lepidosp		Crown Reserve 8399, Lake Gnangara Park, 30 m W towards lake from track, 900 m N of a point in the recreation area 630 m N of intersection of Gnangara Road and Alexander Drive Gnangara, 7.5 km SE of Wanneroo, GSS site GN1	GPS	1	24/09/2009
16726	2554682	7485	Dampiera triloba	3					Gnangara	AUTO	3	/10/1945

FID	Sheet	NameID	Taxon	Cons_Cod e	Plant_Desc	Site	Vegetation	Frequency	Notes	Locality	Geo_Met hod	Precision	Date
16727	8138869	7485	Dampiera triloba	3	Erect perennial.	Loamy sand.	Melaleuca preissiana, Corymbia calophylla to 9 m, 5% cover, astartea scoparia to 2.1 m, 25% cover, Hypocalymma angustifolia to 1 m, 40% cover, Patersonia occidentalis, Hypochaeris glabra, Trachymene pilosa to 0.7 m, 10% cover, Lepidosperma striatum to 1.			Crown Reserve 8399, Lake Gnangara Park, 30 m W towards lake from track, 900 m N of a point in the recreation area, 630 m N of intersection of Gnangara Road and Alexander Drive, Gnangara, 7.5 km SE of Wanneroo, GSS site GN1	GPS	1	28/09/2008
16856	8429227	34773	Darwinia foetida	т	Low, spreading shrubs to 0.6m x 1m, the leaves somewhat glaucous. Inflorescences inclined to nodding; bracts glaucous green tinged pinkish.	Moist flat; dark grey sand.	Melaleuca raphiophylla, Hypocalymma angustifolia, Acacia pulchella shrubland beneath marri, with invasion by blackberry, brazilian peppertrees, weedy grasses.	frequent - hundreds of plants.		Private property in corner of Neaves Road and Bingham Road, Bullsbrook	GPS	1	24/10/2010
16869	7887442	34773	Darwinia foetida	т	Perennial, prostrate compact shrub 0.5 m high x 0.5 m wide.	Palusplain Multiple Use Wetland. Grey black soil. Burnt Spring 2006.	Corymbia calophylla, Melaleuca rhaphiophylla, Hypocalymma angustifolium.	21-50 plants (25 alive, 22 dead)	Percentag e of populatio n in fruit 30%.	SW corner of Lot 200, Neaves Road, Bullsbrook	GPS	1	9/03/2007
19224	7881282	31233	Drosera patens	1						Lake Gnangarra	GPS	1	31/01/1992
19225	7881312	31233	Drosera patens	1						Pinjar Road, Wanneroo	UNK	2	19/11/1991
19226	7881274	31233	Drosera patens	1	Fibrous rooted perennial herb with a solitary, compact leafy rosette, 1.8-2.5 cm diam.	On the margin of swamps, lakes and winter wet depression in sandy soils.				NW shore of Lake Gnangarra	GPS	1	17/01/1998
19314	8723303	30712	Drosera x sidjamesii	1		Grows on the northern margins of lake.				Lake Gnangarra, Wanneroo	GPS	1	5/02/1985
19315	7579101	30712	Drosera x sidjamesii	1						Pinjar Road, Wanneroo	GPS	1	4/12/1984
19316	7579152	30712	Drosera x sidjamesii	1						Shores of Lake Gnangarra [Gnangara]	UNK	2	17/01/1998
19317	7881525	30712	Drosera x sidjamesii	1						Pinjar Road, Wanneroo	UNK	2	4/12/1984
19318	7881533	30712	Drosera x sidjamesii	1						Shores of Lake Gnangarra, N of Perth	UNK	2	17/01/1998
19319	7881517	30712	Drosera x sidjamesii	1	A natural hybrid, firbous rooted perennial herb.	On margins of swamps, lakes and winter wet depressions in sandy soil.				Northern shores of Lake Gnangarra	UNK	2	31/03/1992

FID	Sheet	NameID	Taxon	Cons_Cod e	Plant_Desc	Site	Vegetation	Frequency No	otes	Locality	Geo_Met hod	Precision	Date
21363	8153302	13091	Eucalyptus argutifolia	т	Mallee to 2.5 m. Flowers white.	Slight slope/ridge. Grey/white sand over limestone.	With Acacia cyclops, Hakea prostrata, Lomandra maritima, rhagodia baccata, Spyridium globulosum.			Within Beaumarks Park, Mindarie. Approch population from Beaumarks Court as park is fenced at the back. Population faces Long Beach Promenade	GPS	1	8/01/2009
21364	8153310	13091	Eucalyptus argutifolia	т	Mallee to 2.5 m. Flowers white.	Slight slope/ridge. Grey/white sand over limestone.	With Acacia cyclops, Hakea prostrata, Lomandra maritima, rhagodia baccata, Spyridium globulosum.			Within Beaumarks Park, Mindarie. Approch population from Beaumarks Court as park is fenced at the back. Population faces Long Beach Promenade	GPS	1	8/01/2009
21371	1051490	13091	Eucalyptus argutifolia	т	Mallee 1.5 m tall with smooth bark.	Brown sand and coarse limestone outcrops.				Parrot Ridge, N of Yanchep.	MAN	3	9/04/1987
21373	1123149	13091	Eucalyptus argutifolia	Т		Lower ridge slope. Sheet sand/brown boulder/dry yellow soil.	Thickets of Melaleuca sp., Melaleuca hueglii, Dryandra sessilus and Dryandra nivea, Blackboy (Xanthorrhoea preissi), Hakea trifurcata.			Yanchep State Forest, 200 metres from the most S point of Compt. 68 Yanchep Pine Plantation [6 km NNE of Yanchep].	MAN	2	27/04/1990
21376	1123130	13091	Eucalyptus argutifolia	т		very steep and rocky limestone ridge. Dry brown sheet sand.	Completely open, apart from odd Nuytsia floribunda and stands of Euc. foecunda. Blackboy (Xanthorrhoea preissii) Hake trifurcata, Dryandra sessilus and nivea. Ac. pulchella, Templetonia retusa, Mel. hueglii.			Yanchep State Forest, 400 metres S down Obidos Road, from junction Mistletoe Road.	MAN	4	16/03/1990
21379	1123661	13091	Eucalyptus argutifolia	Т		ESE aspect. Lower ridgetop slope. Sheet sand/brown boulder. Completely open to treeless site.	Melaleuca huegelii, Xanthorrhoea preissii, Dryandra sessilis/nivea, Hakea trifurcata, Hibbertia hypericoides, Native wisteria.			Ridge State Forest, 260 metres along Hopkins Road, from junction of Wesco Road [Near Lake Pinjar].	MAN	2	6/08/1990
21380	4110544	13091	Eucalyptus argutifolia	т	Mallee to 3 m.	Dune slope, grey sand over limestone.	Mallee, Eucalyptus petrensis over heath.	rare in area.		Mindarie South, 30 km N of Perth	AUTO	3	22/04/1991
21381	1452274	13091	Eucalyptus argutifolia	т	Mallee to 2.5 m. Flowers ?, in bud. Smooth barked.	Limestone ridge, shallow sand over limestone.		locally common.		Parrott Ridge, Yanchep, 50 km N of Perth	AUTO	3	17/11/1989
21384	1286471	13091	Eucalyptus argutifolia	т	Malll to 3 m high, conical, necked buds.	Top of gully adjacent to hill top, brown sand over limestone.	Shrubland.	occasional n a 900	pulatio	Parrot Ridge near Trig Point	MAN	2	17/09/1990

FID	Sheet	NameID	Taxon	Cons_Cod e	Plant_Desc	Site	Vegetation	Frequency		Locality	Geo_Met hod	Precision	Date
21385	1286463	13091	Eucalyptus argutifolia	т	Mallee 3 m high, squat necked buds.	Top of gully adjacent to hill top, brown sand over limestone.	Shrubland.	occasional	Same populatio n as 90017 & 90019.	Parrot Ridge near Trig Point	MAN	2	17/09/1990
21386	1286455	13091	Eucalyptus argutifolia	т	Mallee to 3m high, ovoid buds.	Gully head next to hill top, brown sand over limestone.	Shrubland.	occasional	500151	Parrot Ridge near Trig Point,	MAN	2	17/09/1990
21387	1050516	13091	Eucalyptus argutifolia	т	Mallee 1.5 m tall with smooth bark.	Brown sand and coarse limestone outcrops.				Parrot Ridge, N of Yanchep	MAN	3	9/04/1987
21392	5854814	13091	Eucalyptus argutifolia	т	Spreading, multi- stemmed, smooth barked mallee.	E-facing slope. Brown sand, exposed limestone over limestone.	Mallee over heath. With Dryandra sessilis, Melaleuca spp., Xanthorrhoea preissii, Hibbertia sp., Hybanthus sp. and Conostylis sp.	15		Parrot Ridge, NNE of limestone quarry, E side of hill,	GPS	1	11/10/2001
21401	9139524	13091	Eucalyptus argutifolia	т	Mallee to 2 m high.	At the base of a limestone ridge. Grey sand.		ca. 6 plants.		City of Wanneroo. Ca. 600 m S of Carabooda Road and ca. 300 m NE of Water Corporation's Carabooda tank	GPS	1	7/11/2017
21403	2160765	13091	Eucalyptus argutifolia	т		Slight gully situation nestles between two limestone ridges. Sand/boulder/brown/ yellow/dry/limestone.	Completely open and treeless with dense scrubland. Dryandra's nivea/ sessilus, Hakea trifurcata, Melaleuca huegelii, Blackboys (Xanthorrhoea preissii), Templetonia retusa.	32 clumps.		Quarry Reserve 5204, 250 m from junction of Myrtle road and 380 m at 195 deg.	MAN	0	15/11/1991
21404	2117223	13091	Eucalyptus argutifolia	т		Slight gully situation nestled between two limestone ridges. Limestone/boulder/ sand/brown/yellow/dry.	Completely open & treeless with dense scrubland. Dryandra's nivea/ sessilus, Hakea trifurcata, Melaleuca huegelii, Blackboys (Xanthorrhoea preissii), Templetonia retusa.	32 clumps, undisturb ed.		Quarry Reserve 5204, 250 m from the junction of Myrtle road and 380 m at 195 deg. to rare mallees	MAN	0	15/11/1991
25114	8076626	20162	Fabronia hampeana	2		Private property in depression between limestone outcrops with yellow sand. Potential threat by urban development. Last burnt summer 2001.	Banksia low open woodland with occasional Eucalyptus decipiens, Macrozamia riedlei, Acacia rostellifera and Hypocalymma angustifolium.		Condition of populatio n: Healthy.	Lot 17 Marmion Avenue, Clarkson (along W boundary of the site), 34 km N of Perth CBD	GPS	1	12/01/2009
25115	5939658	20162	Fabronia hampeana	2	Fertile moss.	On trunk of Macrozamia.	Emergent large Banksia over Macrozamia, Hibbertia, Xanthorrhoea, grasses, weeds and thick Dryandra regrowth.			Between Neerabup National Park and developing suburb of Kinross, 28 km NNW of Perth	MAN	3	14/09/1994
30017	8422710	33737	Grevillea sp. Ocean Reef (D. Pike Joon 4)	1	Erect, spreading shrub. To 1.5 m x 3 m.	Sand dune. Dry brown / grey sand.	Coastal sand scrub with Acacia, Banksia sessilis, Spiridium globulosum, Clematis, Calothamnus, Pelargonium, Dianella, Hardenbergia.	40 - 60 plants (D. Pike November 2008).		Ocean Reef Road, Ocean Reef	GPS	1	15/08/2012

FID	Sheet	NameID	Taxon	Cons_Cod e	Plant_Desc	Site	Vegetation	Frequency	Notes	Locality	Geo_Met hod	Precision	Date
30018	8422605	33737	Grevillea sp. Ocean Reef (D. Pike Joon 4)	1	Erect, spreading shrub - clonal. To 1.5 m x 3 m.	Sand dune / gully. Dry brown / grey sand.	Coastal sand scrub with Acacia, Banksia sessilis, Spiridium globulosum, Clematis, Calothamnus, Pelargonium, Dianella, Hardenbergia.	40 - 60 plants (D. Pike November 2008).	set fruit (D. Pike's	Ocean Reef Road, Ocean Reef: between the boat harbour and Ocean Reef Road	GPS	1	6/09/2012
30019	7860579	33737	Grevillea sp. Ocean Reef (D. Pike Joon 4)	1	Dense, spreading shrub to 2 m high x 3 m wide. Plants in late flower.	Quindalup dunes. Dry, bare, light yellow-brown sand.	Tall shrubland. With Acacia rostellifera, Dryandra sessilis, Spyridium globulosum.	One apparentl y clonal populatio n of 40-60 plants.		Ocean Reef, suburb of Perth	GPS	1	/11/2008
30020	8509603	33737	Grevillea sp. Ocean Reef (D. Pike Joon 4)	1	Compact perennial shrub 150 cm high x 200-300 cm wide.		Acacia rostilifera, Conostylis sp., Tetraria octandra, Spyridium globulosum, Acanthocarpos preissii, Desmocladus flexuosus, Phyllanthus calycinus, Dianella revoluta, Lepidosperma sp., Banksia sessilis, Clematis sp., Hardenbergia comptoniana, Rhagodia bac	26-50 plants plus additional 6-10 juveniles within 40 m radius.		Bush Forever Site 325, bounded by Boat Harbour Quay and Ocean Reef Road in Ocean Reef	GPS	1	16/10/2013
32095	2625598	49637	Hibbertia leptotheca	3		Limestone.	Heath.			Yanchep road	AUTO	3	/09/1937
32097	9039058	49637	Hibbertia leptotheca	3	Low shrub.	Dunes.	Xanthorrhoea preissii mid open shrubland over Melaleuca systena low open shrubland. Mixed low scrub. Melaleuca	5 plants.		Alkimos, Perth	GPS	1	20/10/2016
32112	7520859	49637	Hibbertia leptotheca	3		1. 1 1.	cardiophylla, Mel. huegelii, Diplopeltis huegelii, Grevillea preissii, Trymalium ledifolium.	> 100 plants.		Alkimos - Eglinton proposed housing development	GPS	1	16/10/2005
32116	3096424	49637	Hibbertia leptotheca	3	Domed green shrub, to 30 cm x 40 cm. Flowers yellow, reflexed over sepals when in flower. In full flower.	Sea cliff. Grey-black sand over limestone.	Low Melaleuca cardiophylla closed heath.		Abundanc e: common.	Burns Beach; 26 km N of Perth	AUTO	3	21/09/1990

FID	Sheet	NameID	Taxon	Cons_Cod e	Plant_Desc	Site	Vegetation	Frequency	Notes	Locality	Geo_Met hod	Precision	Date
32818	8836647	11074	Hydrocotyle striata	1	Spreading annual. Height: 5-10 cm.	Seasonally inundated depression within a Mound Spring. Moist, undulating slightly. Black peaty sand. Fire history: Autumn 1995.	Low Open forest of Melaleuca preissiana over Pteridium esculentum. With Cyathochaeta teretifolia (P3), Hibbertia perfoliata.	dense cover in localised ca 40 m x 30 m area. (Site not surveyed closely, plants maybe more widesprea d on Lot).	dense cover of	Lot 800, Pine Road, Bullsbrook. Land is vested within the Dept of Planning and Infrastructure and is adjoining Conservation Estate known as Neaves Road Nature Reserve	GPS	1	16/11/2016
33884	8755396	20462	Jacksonia gracillima	3	Perennial tufted herb with narrow leaves 10-40 cm long, with rose pink flowers.		Low open forest of Eucalyptus rudis and Melaleuca preissiana. Banksia attenuata shrubs. Tall shrubland of Gastrolobium ebracteolatum and Kunzea glabrescens. Sedgeland of Baumea preisii subsp. laxa.	1 mature plant.	Project: 3516.	The Roe Highway Extension area, ca 14 km S of Perth	GPS	1	9/10/2015
34006	1131192	4027	Jacksonia sericea	4	Prostrate shrub, 50 cm x 1.5 m diam. Flowers orange-yellow; eye yellow.	Hilltop, sand over limestone.	Banksia low woodland.		Abundanc e: common.	Ocean Reef Road, Wanneroo, 30 km N Perth	MAN	3	20/01/1988
34007	5437806	4027	Jacksonia sericea	4	Prostrate shrub 0.1 m high, 1 m wide; sterile.	Side of Spearwood Dune, grey sand over deep yellow sand.	Banksia attenuata and B. menziesii woodland.	scattered.		Bushplan Site 463, ca 1 km W of Gnangara Road in bushland W of Sydney Road	AUTO	3	15/06/1999
34015	2171449	4027	Jacksonia sericea	4	Low spreading shrub to .3 m high. Brown pods.	In yellowish/brown sand on low ground.	In open woodland over low heath and disturbed areas, with Banksia attenuata, B. menziesii, Gomphlobium aristatum, Xanthorrhoea sp., Eucalyptus gomphocephalum.			NW corner of Ocean Reef road and Joondalup Drive, Woodvale	MAN	0	15/05/1990
34016	1131176	4027	Jacksonia sericea	4	Low spreading shrub 0.5 m high.	Highly disturbed.	Highly disturbed Tuart/Jarrah forest.			Lake Joondalup (Edgewater)	MAN	3	/11/1979
34024	6410731	4027	Jacksonia sericea	4		Slope/flat. Dry grey sand over limestone.	Eucalyptus marginata, Banksia attenuata, B. menziesii Woodland. Associated species: Banksia attenuata, B. grandis, Allocasuarina fraseriana, Dryandra sessilis, Calothamnus sp.		Condition of populatio n: healthy.	Lot 21, Flynn Drive, Neerabup, Shire of Wanneroo	MAN	3	/07/2001

FID	Sheet	NameID	Taxon	Cons_Cod e	Plant_Desc	Site	Vegetation	Frequency	Notes	Locality	Geo_Met hod	Precision	Date
34026	6730620	4027	Jacksonia sericea	4	Shrub 30-60 cm high x 1 m wide. Perennial, prostrate, dense spreading. Flowers orange.	Hillside. Dry sand. Old soil disturbance.	Tuart, Banksia, Allocasuarina woodland.	over 50 plants, quite widesprea d.		Periwinkle Park, Periwinkle Road, Mullaloo	MAN	3	14/10/2002
34029	7400160	4027	Jacksonia sericea	4	Low shrub.					Small remnant of Wanneroo road near Lake Neerabup	GPS	1	24/04/2001
34039	7885407	4027	Jacksonia sericea	4			In open Banksia woodland of Banksia menziesii, B. grandis with Eucalyptus calophylla and Acacia saligna.			In centre of Shepherds Bush Reserve in Kingsley Park	GPS	3	24/10/1994
34043	8001189	4027	Jacksonia sericea	4	Spreading shrub 0.3 m wide with orange flowers.	Residential plain with grey sand.	Low trees and low shrubland with Eucalyptus marginata, Banksia attenuata, Adenanthos cygnorum, Xanthorrhoea preissii, Calytrix fraseri, Mesomelaena pseudostygia, Laxmannia squarrosa, Waitzia suaveolens, Corynotheca micrantha, Alexgeorgea nitens, Conosper	2 - 5.	Alien species: Gladiolus caryophyll aceus, Ehrharta calycina, Briza maxima, Pentaschis tis airoides, Pelagoniu m capitatum , Ursinia anthemoi des. Infestatio n area: 1 - 10 m2.	Directly N of Gnangara Road, Landsdale (approximately 17 km N of Perth)	GPS	1	12/11/2008
34044	8148511	4027	Jacksonia sericea	4	50 cm.	Slope. Recently burnt.	Woodland. With Eucalyptus marginata, Allocasuarina fraseriana, Banksia menziesii, Banksia attenuata, Ehrharta calycinus, Hibbertia hypericoides.	6-20 plants.		End of Carmignani Road in Gnangara	GPS	1	22/10/2007
34048	8982643	4027	Jacksonia sericea	4	Shrub, 0.5 m high.	Gentle slope, slight ridge. Yellow brown loamy sand.	Tall open shrubland of Acacia rostellifera to 3 m over closed tall scrub of Banksia sessilis to 2.4 m over open shrubland of Xanthorrhoea preissii, Melaleuca systena and Hakea trifurcata to 2 m over low shrubland of Jacksonia sericea and Hibbertia hyperi	> 700 plants.		S of main track on ridge, mineral lease M70/013, Hopkins Road, Nowergup, City of Wanneroo	GPS	1	11/11/2010
34867	4158342	5038	Lasiopetalum membranaceum	3	Shrub to 1 m high, flowers purple.	Flat, gently undulating. Grey sand over ? limestone.	Under Jarrah tree in open woodland.	occasional		Yeal Swamp road - Yanchep National Park	MAN	0	4/11/1987
35231	4877799	27793	Lecania sylvestris	2		Roadside.				Picnic area N of Yanchep National Park, N of Perth	AUTO	3	28/08/1988

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35232	2973499	31312	Lecania turicensis var. turicensis	2		Coastal rocks, limestone.				Burns Beach, N of Perth	AUTO	3	28/08/1988
35233	7446667	31312	Lecania turicensis var. turicensis	2		Coastal rocks, limestone.				Yanchep Beach, N of Perth	ТОРО	3	28/08/1988
35552	1421468	3042	Lepidium pseudotasmanicum	4						Yanchep	AUTO	3	16/12/1953
35561	3455114	3042	Lepidium pseudotasmanicum	4	Erect ? slender perennial herb to 20 cm.	Valley, grey sand over limestone.	Eucalyptus gomphocephala open woodland.	uncommo n.		Pipidinny Swamp, Yanchep National Park	AUTO	4	3/10/1991
35564	6209939	3042	Lepidium pseudotasmanicum	4					Field No. 99.	Wydgee - S of Yanchep Beach Road	MAN	3	14/04/1966
36568	5456169	40801	Leucopogon maritimus	1		On stable dune.	Coastal heath.			Yanchep Beach,	AUTO	3	9/08/1960
36569	9208038	40801	Leucopogon maritimus	1	Low shrub, 35 cm high.	Gentle, NW-facing lower slope of lower ridge. Grey calcareous sands. > 5 - 7 years since fire.	Melaleuca huegelii, M. cardiophylla, Acacia truncata closed low heath over Thomasia triphylla, Leucopogon insularis, Melaleuca systena, Lysinema ciliatum low shrubland over Desmocladus asper, Lepidosperma pubisquameum very open sedgeland with Lomandra ma		Healthy	C. 2 km S of Yanchep, 6 km W of Yanchep Beach Road - Wanneroo Road intersection, which is 54 km N of Perth CBD	GPS	1	30/09/2007
36570	7835213	40801	Leucopogon maritimus	1		slope, private property.	Melaleuca systena, Lomandria maritima Low Open Heath Melaleuca systena, Scaevola thesioides, Acacia rosterllifera and Herbland of Lomandra martima.		populatio n with potential threat from clearing.	Eglinton, approximately 40 km N of the Perth CBD, W of Marmion Avenue, S of Pipindinny	GPS	1	20/10/2007
36572	6210082	40801	Leucopogon maritimus	1					Field No. 166.	Burns - Mullaloo	MAN	3	27/06/1966
36578	5536359	40801	Leucopogon maritimus	1	Low spreading shrub, 20 cm high x 20 cm wide. Flowers white, single stemmed at ground level. Ovary 3 celled glabrous.	600 m from beach. Bare	Low Heath D (Muir 1977) with Acacia truncata, Melaleuca systena and Acanthocarpus preissii.	locally common.		Ca 200 m SW from the end of Pipidinny Road, S of Yanchep	GPS	1	10/05/1998
36584	5127742	40801	Leucopogon maritimus	1	Erect to spreading shrub to 30 cm tall. Corolla white, flowers just beginning.	-	In low kwongan, Scaevola, Pimelea, Acacia.			4 km along Pippidinny Road from Yanchep Road,	MAN	0	27/11/1996
36871	8263329	19460	Leucopogon sp. Yanchep (M. Hislop 1986)	3						Yanchep	MAN	4	17/06/1965
36872	8263302	19460	Leucopogon sp. Yanchep (M. Hislop 1986)	3						Yanchep	MAN	4	17/06/1965
36873	8263310	19460	Leucopogon sp. Yanchep (M. Hislop 1986)	3						Yanchep	MAN	4	17/06/1965
36874	8263337	19460	Leucopogon sp. Yanchep (M. Hislop 1986)	3						Yanchep	MAN	4	17/06/1965

FID	Sheet	NameID	Taxon	Cons_Cod e	Plant_Desc	Site	Vegetation	Frequency I	Notes	Locality	Geo_Met hod	Precision	Date
36875	8263345	19460	Leucopogon sp. Yanchep (M. Hislop 1986)	3	More or less spreading shrub to 70 cm; flowers white.	In sand.	In Banksia scrub.			Yanchep	MAN	4	21/05/1963
36876	8263353	19460	Leucopogon sp. Yanchep (M. Hislop 1986)	3						[? Yanchep]	MAN	4	17/06/1965
36879	8262926	19460	Leucopogon sp. Yanchep (M. Hislop 1986)	3						N end of Yanchep National Park	MAN	4	3/06/1965
36880	8262934	19460	Leucopogon sp. Yanchep (M. Hislop 1986)	3						Yanchep	MAN	4	17/06/1965
36883	3509311	19460	Leucopogon sp. Yanchep (M. Hislop 1986)	3	Dwarf shrub 40 cm high, flowers white, mucronate leaves.	Undulating, grey sand over limestone.	Woodland, Banksia.	frequent.		Map.1:25,000 Sheet: Yanchep, Grid Ref. 767108	AUTO	3	29/05/1993
36884	1147773	19460	Leucopogon sp. Yanchep (M. Hislop 1986)	3	Low twiggy woody shrub, 15-20 cm, flowers white, sweet honey scent.	Low hill, grey sand over limestone.	Limestone heath.	scattered in area.		Neerabup [Lake] National Park; 35 km N of Perth	AUTO	3	30/05/1990
36888	6154794	19460	Leucopogon sp. Yanchep (M. Hislop 1986)	3	Erect shrub 30 - 35 cm high. Fruit green and red.	Sandplain.	Disturbed scrub and heath.	occasional		4 km N of Yanchep turnoff on Wanneroo- Lancelin road. Rubbish tip entrance. Yanchep National Park	MAN	3	30/08/1979
36891	5918073	19460	Leucopogon sp. Yanchep (M. Hislop 1986)	3	Erect shrub 40 cm high x 30 cm wide. Fruiting. Fruit probably immature.	yellow sand over	Thicket. Dryandra sessilis, Spyridium globulosum, Hakea costata.	f s r f s	Taken from same populatio n as flowering specimen MH 1986.	E-W track N of Minniew Grotto, Yanchep National Park,	GPS	1	16/09/2001
36897	7293178	19460	Leucopogon sp. Yanchep (M. Hislop 1986)	3	Erect shrub to 60 cm high x 60 cm wide. Flowers white, strictly pendulous.	Coastal plain. Dry, yellow sand over limestone.	Heath (mostly 1-2 m). Dryandra sessilis, Jacksonia calcicola, Conostephium stoechadis.	locally common.		Yanchep National Park, Pigeon Road ca 1.8 km E of Wanneroo Road	GPS	1	19/05/2005
36898	5556325	19460	Leucopogon sp. Yanchep (M. Hislop 1986)	3	Low erect shrub, 40 cm high x 30 cm wide. Flowers white, pendulous. Single stemmed at ground level.	Coastal plain. Dry, bare yellow sand over limestone.	Thicket (Muir 1977) with Dryandra sessilis, Spyridium globulosum, Hakea costata. In limestone heath and Banksia woodland, sometimes growing with L. racemulosus.	locally common in N areas of park.		Yanchep National Park, EW track N of Minnies Grotto	GPS	1	16/04/2000
36899	5572223	19460	Leucopogon sp. Yanchep (M. Hislop 1986)	3	Erect open shrub, 70 cm high x 60 cm wide. Flowers white, pendulous. Plant single stemmed at ground level.	Coastal plain. Dry, littered, yellow sand.	Low Banksia Forest B (Muir 1977) with B. attenuata, B. menziesii, Hakea ruscifolia, Xanthorrhoea preissii.	occasional		Off Bailey Road, ca 200 m E of Wanneroo Road, N of Yanchep	GPS	1	21/05/2000

FID	Sheet	NameID	Taxon	Cons_Cod e	Plant_Desc	Site	Vegetation	Frequency	Notes	Locality	Geo_Met hod	Precision	Date
36959	4302672	40804	Leucopogon squarrosus subsp. trigynus	2	Erect shrub 0.4m.	Soil: Grey sand. Topography/drainage: Well drained gentle W facing dune slope. Geomorphology: Bassendean sands.	Vegetation: Banksia menziesii, Banksia attenuata Low Woodland A over Verticordia nitens Low Scrub B over Beaufortia elegans, Conostephium pendulum Low Heath D.			Location: Along Muchea - Eneabba powerline 12 km SSE GinGin airfield (plot pline-1).	MAN	0	20/07/1993
37666	8386811	25819	Marianthus paralius	Т		Well drained dry white sand. Limestone ridge. Fire history: long ago.	Melaleuca cardiophylla, Scaevola crassifolia, Olearia axillaris, Rhagodia baccata Closed Low Heath.		of plants:	Dual use path & north of Silver Sands Drive, Joondalup	ΤΟΡΟ	3	29/12/2010
37669	7782144	25819	Marianthus paralius	Т	Prostrate shrub with red flowers.	Limestone cliff with dry, brown sand. Exposed limestone outcropping.	Dense Heath B. Coastal heath vegetation including Spyridium sp., Thomasia sp., Melaleuca sp., Scaevola sp., Acanthocarpus sp.	9 plants recorded.		Iluka foreshore reserve, Iluka R47831, plants are located approx 575 m and 870 m S of Ocean Parade along the pedestrian path	GPS	1	26/10/2006
38198	9196951	33022	Melaleuca sp. Wanneroo (G.J. Keighery 16705)	т	Slender erect open shrub, 2-3 m high x 1 m wide. In fruit, not in flower.	Limestone hill. Skeletal white loam over limestone.	Banksia sessilis / Melaleuca tall shrubland.	locally common.	Co- occurring with Melaleuca systena which is in full flower.	Wattle Avenue West, Wanneroo - Nowergup	GPS	1	28/08/2004
38199	8815224	33022	Melaleuca sp. Wanneroo (G.J. Keighery 16705)	т	Erect to spreading shrub to 1.5 m with yellow flowers.	Limestone ridge remnant within a mine pit.	Remnant.	occasional		SF 65 670 m NE of the Hopkins and Wesco intersection on the 'island' of vegetation in the middle of the mine pit	GPS	1	6/12/2013
38200	8816476	33022	Melaleuca sp. Wanneroo (G.J. Keighery 16705)	т	Erect shrub 1 - 2.5 m x 2 m.	On fine sand to sandy loam soils with 30-70% outcropping limestone.	Closed tall scrub of Melaleuca systena, M. sp. Wanneroo, M. sp. Wanneroo x systena and M. huegelii, over low shrubland of Calothamnus quadrifidus, Banksia sessilis var. cygnorum, Leucopogon parviflorus and Templetonia retusa.	locally common.	Co-occurs with Melaleuca systena and M. systena x M. sp. Wanneroo Populatio n 1.	One Tree Hill (CR 25253), Nowergup	GPS	1	7/08/2014
38201	6972942	33022	Melaleuca sp. Wanneroo (G.J. Keighery 16705)	т	Slender erect single 2-3 m high and 1-2 m wide. Flowers pale yellow; in full flower.	Rugged limestone ridge. Mossy black sand.	Melaleuca cardiophylla, M. sp., M. systena tall closed shrubland.	dominant locally.		Wanneroo Shire Reserve, Wattle Avenue, Neerabup	GPS	1	23/12/2004
38202	8816522	33022	Melaleuca sp. Wanneroo (G.J. Keighery 16705)	т	Erect shrub 1-2.5 m x 2 m. Flowers yellow.	On well drained grey sand with 30-70% outcropping limestone.	Tall open scrub of Melaleuca huegelii, M. sp. Wanneroo with occasional Eucalyptus petrensis and Melaleuca systena, over open low heath of Acacia alata var. tetrantha, Thomasia triphylla over open sedgeland/herbland.	locally common.		SE corner of Lot 7 Wesco Road, Nowergup	GPS	1	28/11/2014

FID	Sheet	NameID	Taxon	Cons_Cod e	Plant_Desc	Site	Vegetation	Frequency Note	5 Locality	Geo_Met hod	Precision	Date
38203	9041443	33022	Melaleuca sp. Wanneroo (G.J. Keighery 16705)	т	Shrub to 2 m tall. Yellow flowers.	NE face of limestone hill. Soil: shallow yellow/brown sand.	Dense shrubland to 2 m. Associated species: Calothamnus sp., Hakea trifurcata, Grevillea preissii and Banksia sessilis.	>100.	W of Hopkins Road, NE of Wesco Road	GPS	1	17/01/2019
38204	9137459	33022	Melaleuca sp. Wanneroo (G.J. Keighery 16705)	т	Tall shrub to 2 m tall. Yellow flowers.		Shrubland. Associated species: Thomasia sp., sedges, Hakea trifurcata, Grevillea preissii, Melaleuca systena, Banksia sessilis.	>1000.	Lot 7, S of Wesco Road. N of mine area	GPS	1	17/01/2019
38207	8982635	33022	Melaleuca sp. Wanneroo (G.J. Keighery 16705)	т	Shrub, 2.5 m high. Flowers yellow.	Limestone ridge. Brown loamy sand.	Tall open scrub of Melaleuca huegelii and M. sp. Wanneroo (G.J. Keighery 16705) over open shrubland to 1.5 m of Melaleuca systena, Xanthorrhoea preissii and Acacia lasiocarpa over low open shrubland to 0.4 m of Grevillea preissii and Banksia nivea over v	40 plants.	Mineral lease M70/138 S of Wesco Road, Nowergup, City of Wanneroo	, GPS	1	1/10/2009
38208	8997675	33022	Melaleuca sp. Wanneroo (G.J. Keighery 16705)	т		Hill slope. Yellow/brown sand.	Melaleuca shrubland. Associated species: Acacia alata var. tetrantha, Banksia sessilis, Melaleuca huegelii and M. systena.	1000+.	Lot 7 (north) Wesco Road, Nowergup	GPS	1	10/05/2017
41128	9136924	5237	Pimelea calcicola	3		Brown sandy loam soil on plain over limestone.	Isolated low Banksia attenuata trees over tall closed Banksia sessilis, Hakea trifurcata and Leptospermum laevigatum shrubland over low open Hibbertia hypericoides and Xanthorrhoea preissii shrubland.	1 mature plant.	20 m E of Indian Ocean Drive, 5.12 km NE of Yanchep	GPS	1	22/11/2018
41130	3409325	5237	Pimelea calcicola	3					Yanchep National Park: Between N end of Loch and main road (2)	AUTO	4	17/10/1963
41133	3409171	5237	Pimelea calcicola	3	Shrub-like herb up to 18 inches high. Flowers pale mauve.		Heathland.		N of Wanneroo	AUTO	3	16/10/1962
41142	3409341	5237	Pimelea calcicola	3	Shrub to 2.5 ft. Flowers light pink-white.	Sand-limestone.			Burns Beach Road (Quarry)	AUTO	3	27/09/1968
41143	1812130	5237	Pimelea calcicola	3	Slender erect shrub, to 60 cm. Flowers deep pink to very pale pink. In full flower.	Low hill. Shallow grey sand over massive limestone.	Dryandra sessilis closed heath.	Abun e: Comi in are	Wanneroo, 25 km N of Perth	AUTO	3	7/11/1990
41144	3409368	5237	Pimelea calcicola	3	Shrub, erect 3 ft. Reddish pink flowers.				24 mile peg on Yanchep road, just S of lime quarries [ca 15 km S of Yanchep]	MAN	3	4/11/1964
41146	4948874	5237	Pimelea calcicola	3	Erect single stemmed shrub 1 m high x 1 m wide. Flowers grading from white through to pink.	Dry brown clayey sand over limestone.	Dense Low Forest A, Open Scrub, Heath A, Heath B, Low Heath C, Low Heath D, Very Open Herbs, Open Hummock Grass. Eucalyptus gomphocephala, Dryandra sessilis, Scaevola sp, purple Hemiandra and yellow flowered Melaleuca, Xanthorrhoea preissii.	frequent.	Yanchep National Park	GPS	1	13/10/1997

FID	Sheet	NameID	Taxon	Cons_Cod e	Plant_Desc	Site	Vegetation	Frequency Not	ies Lo	ocality	Geo_Met hod	Precision	Date
41155	9220828	5237	Pimelea calcicola	3	1.5 m high.	Undulating plain. Brown sandy loam over limestone.	Isolated low Banksia attenuata trees over tall closed Banksia sessilis, Hakea trifurcata and Leptospermum laevigatum shrubland over low open Hibbertia hypericoides and Xanthorrhoea preissii shrubland.		be	.14 km NE of Yanchep, eside Indian Ocean rive	GPS	1	12/11/2018
41291	6209874	8163	Pithocarpa corymbulosa	3				Fiel 64.	d No. Y Fc	miles N of Pinjar prestry Headquarters, /anneroo	MAN	3	6/06/1963
41462	3803406	27986	Placynthium nigrum	3		Roadside.			Ya	icnic area, N of anchep National Park, of Perth	AUTO	4	28/08/1988
41484	3578186	11132	Platysace ramosissima	a 3	Flowers cream.				No	2 mile peg, Great orthern Highway [ca 9 km SSW of Bindoon]	AUTO	3	//
41762	8766185	42022	Poranthera moorokatta	2	Small herb, 1 cm high.	Crest of low dune with yellow sand (ant mounds). Greater than 10 years since a fire.	Banksia attenuata, Banksia menziesii, Allocasuarina fraseriana low woodland over Xanthorrhoea preissii open shrubland over Hibbertia hypericoides, Calothamnus sanguineus, Calytrix flavescens low shrubland over Mesomelaena pseudostygia scattered sedges.		Bo Dr	orner of Joseph Banks oulevard and Woolly rive, Banksia Grove, 33 m N of Perth CBD	GPS	1	25/10/2012
43142	3807401	28049	Rinodina bischoffii	2		Roadside.			Ya N	icnic area N of anchep National Park, of Perth, Yanchep tate Forest	AUTO	4	28/08/1988
43467	8039364	17543	Sarcozona bicarinata	3		Private property; limestone outcrops with dry white sand. Potential threat by urban development. Last burnt summer 2001.	Open Banksia sessilis heathland. Banksia sessilis, Opercularia vaginata, Scaevola crassifolia and Desmocladus flexuosus.	5 mature plants of over 5 m squared n:	dition Av co pulatio M Ne Ilthy. in	ot 17, Marmion venue Clarkson (NW prner of site near larmion Avenue and eerabup Road tersection) 34 km N of erth CBD	GPS	1	12/01/2009

FID	Sheet	NamelD	Taxon	Cons_Cod e	Plant_Desc	Site	Vegetation	Frequency	Notes	Locality	Geo_Met hod	Precision	Date
43469	4583744	17543	Sarcozona bicarinata	3	Herbaceous succulent 8 cm high and spreading to generally less than 30 cm across the ground. Leaves dull grey, green in colour; seeds brown and rough all over.	limestone outcrops.	Edge of Dryandra sessilis (Parrot Bush) heathlands and cleared area for housing.		edge of bushland	lluka-Beaumaris Estate near Sales Office, 100 m N of Miami Beach Promenade, Location B (refer to map attached)	AUTO	3	2/03/1997
43470	4583736	17543	Sarcozona bicarinata	3	Herbaceous succulent 8 cm high and spreading to generally less than 30 cm across the ground. Leaves dull grey, green in colour; seeds brown and rough all over.	months prior to			Abundanc e: this species is common throughou t the fire burnt area but did not occur outside where the Dryandra sessilis formed closed dense heath nor did it occur in adjacent unburnt Banksia bushland.	lluka-Beaumaris Estate (near Burns Beach), track off Burns Beach Road, Location A (refer to map attached)	AUTO	3	2/03/1997
43743	4526422	17606	Schoenus griffinianus	4	Perennial sedge.	Soil: White sand. Topography/drainage: Well drained gentle SW facing slope. Geomorphology: Bassendean sands over guildford formation.	Vegetation: Banksia attenuata Open Low Woodland A over mixed Low Heath C over mixed Open Dwarf Scrub D over Lyginia barbata Very Open Low Sedges.			Melaleuca Park conservation area, N Cooper Rd, 12 km NE of Wanneroo (plot mela- 8).	GPS	1	19/10/1993

FID	Sheet	NameID	Taxon	Cons_Cod e	Plant_Desc	Site	Vegetation	Frequency	Notes	Locality	Geo_Met hod	Precision	Date
44933	2922479	20348	Sphaerolobium calcicola	3						Yanchep National Park, near Golf Course	AUTO	3	18/11/1963
44936	6233090	20348	Sphaerolobium calcicola	3	Standard yellow, red around yellow eye. Red wings. Keel yellow with few red spots near apex. Ca 1 m tall.	Grey brown sand over limestone. Seasonally wet, fairly low lying area.	Shrubland with understorey of sedgeland. Associated species: Nuytsia and Acacia with Viminaria, Xanthorrhoea, Comesperma and Lepidospermum.	occasional		375 m W of Wanneroo Road on Yanchep Road, S side of road	MAN	3	10/11/1997
45475	4916972	19704	Stenanthemum sublineare	2	Low erect shrub, 8 cm high x 4 cm wide. Flowers spent, few fruits evident.	Sand plain. Littered white sand.	Low Forest B (Muir 1977) with Banksia attenuata, Xanthorrhoea preissii, Calytrix flavescens, Patersonia occidentalis.	apparentl y quite common in relatively small area.		Melaleuca Park, W of Bullsbrook, ca 3 km N of Neaves Road along walk trail,		1	21/12/1997
45476	7526989	19704	Stenanthemum sublineare	2		Low rise on an undulating plain. Dry, grey sand. Unburnt for 20 + years.	Open Banksia attenuata/Banksia menziesii low woodland, over heath (Beaufortia elegans, Eremaea pauciflora subsp. pauciflora, Regelia inops) Caltyrix flavescens, Scholtzia involucrata, Bossiaea eriocarpa, Gompholobium tomentosum, Petrophile linearis, over	one plant.		Proposed Nerrabup Infilitration site, SE of Lake Pinjar, E of Wanneroo Golf Club, adjacent to Bush Forever site 398	GPS	1	17/11/2005
45478	4916964	19704	Stenanthemum sublineare	2	Low erect shrub, 10 cm high x 4 cm wide. Flowers greenish.	Sand plain. Littered white sand.	Low Forest B (Muir 1977) with Banksia attenuata, Xanthorrhoea preissii, Calytrix flavescens, Patersonia occidentalis.		Abundanc e: apparentl y quite common in relatively small area.	Melaleuca Park, W of Bullsbrook, ca 3 km N of Neaves Road along walk trail		1	27/10/1997
46213	6511546	7756	Stylidium longitubum	4	Flowers pink.	Seasonal Wetland, flat ground. Dark brown clay loam some peat, over ?clay. Poor drainage, wet during winter/spring.	Open Low Scrub A. Associated species: Astartea fascicularis.			SE end off Perry Road, Lake Pinjar Bushland (System 6 Area M8, Bush Forever 382). Lake Pinjar, in System 6 Update quadrat pinj 02	GPS	1	10/11/1994
46262	4430921	13127	Stylidium maritimum	3	Flowers pink-mauve, throat white, outer petal surface white to pale pink, upper winged throat appendages pink, lower throat appendages white-red tipped, leaves 3 per papery sheath.	On limestone outcrops in crater-like depressions filled with black sandy soil.	Area surrounded by low coastal heath and open Banksia menziesii woodland.			Just N of the tavern on Wanneroo Road, Carabooda,	MAN	0	22/10/1995

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46271	4430913	13127	Stylidium maritimum	3	Flowers pink-mauve, throat white, outer petal surface white to pale pink, upper winged throat appendages pink, lower throat appendages white-red tipped, leaves 3 per papery-sheath.		Area surrounded by low coastal heath and open Banksia menziesii woodland.		Y k	.imestone quarry on Yeal Swamp Road, c. 3 Rm E of Wanneroo- .ancelin road, Yanchep,	MAN	0	22/10/1995
46274	9139559	13127	Stylidium maritimum	3	Sedge-like herb to 0.4 m high. In fruit.	-	Melaleuca huegelii and Melaleuca systena TEC.	ca. 35 plants.	7 F V	City of Wanneroo. Ca. 700 m S of Carabooda Road and 200 m NE of Water Corporation's Carabooda tank	GPS	1	7/11/2017
46278	7520840	13127	Stylidium maritimum	3		Side of dune. Dry, white- grey sand.	Low heath. Lomandra maritima, Leptorhynchos scabrus, Melaleuca huegelii.	> 200 plants.	p	Alkimos - Eglinton proposed housing development	GPS	1	12/10/2005
46279	5982103	13127	Stylidium maritimum	3		Slope; on stable sand dunes; dry white sand; long unburnt.	Low heath 0.5 m tall, 70-100 % cover.	c. 10 mature plants in a 5 x 5 m area.		200 m from coast, Alkimos Estate,	MAN	3	25/10/1996
46284	9207996	13127	Stylidium maritimum	3	Caespitose, perennial herb, 40 cm high. Flowers white/purple.	S-facing, midslope of low dune (ridge). Brown sand.	Olearia axillaris, Stylidium globulosum scattered shrubs over Melaleuca systena, Leucopogon parviflorus, Trymalium ledifolium var. ledifolium low shrubland over Austrostipa flavescens, Poa poiformis, Lomandra maritima herbland/grassland/sedgeland.		6 E V ii	C. 2.5 km S of Yanchep, 5 km W of Yanchep Beach Road - Wannerroo Road ntersection, which is 54 km N of Perth CBD	GPS	1	3/10/2007
46286	7836384	13127	Stylidium maritimum	3		Grey sand-loam, slope, ridge, limestone, private property.	Closed Tall Scrub of Melaleuca huegelii, Dryandra sessilis with occasional Spyridium globulosum.	pop n, ir flov Pot thre fror clea and	wer. L tential E eat V m C aring	ot 8 Butler Street, Butler, City of Nanneroo, Swan Coastal Plain	MAN	3	16/10/2007
46288	7836430	13127	Stylidium maritimum	3		Brown sand-loam over limestone, slope, private property.	Acacia rosteliifera Open Low Heath with Melaleuca huegelii, Acacia truncata and Melaleuca systena.	pop n w flov Pot thre fror clea and	wers. tential A eat R m aring	Eglinton, W of Marmion Avenue, S of Pipindinny Road	ΤΟΡΟ	3	17/10/2007

FID	Sheet	NameID	Taxon	Cons_Cod e	Plant_Desc	Site	Vegetation	Frequency	Notes	Locality	Geo_Met hod	Precision	Date
46291	8755361	13127	Stylidium maritimum	3	Perennial tufted herb with narrow leaves 10-40 cm long, with rose pink flowers.	Grey sand, on mid-slope with exposed limestone.		1 mature plant.	Project: 3536.	2 Quinns Road, Mindarie, within Bush Forever No 397	GPS	1	4/11/2015
46297	9039066	13127	Stylidium maritimum	3	Herb.	Dune swale.	Banksia sessilis low open shrubland.	10 plants.		Alkimos, Perth	GPS	1	20/10/2016
46298	8982600	13127	Stylidium maritimum	3	Herb, 0.8 m high.	Limestone ridge. Brown loamy sand over limestone.	Tall shrubland of Melaleuca systena over open shrubland of Melaleuca huegelii and Acacia lasiocarpa over very open herbland of Desmocladus flexuosus. Associated species: Grevillea preissii.	15 plants.		Mineral lease M70/339, Nowergup, City of Wanneroo	GPS	1	2/10/2009
46378	8540942	25800	Stylidium paludicola	3		Sandy flats near winter- wet damplands.	Low woodland of marri and Banksia grandis over Baumea juncea sedgeland and mixed open heath adjacent to Melaleuca preissiana and Banksia littorea woodland.			Edith Cowan University campus, Joondalup, Perth	MAN	3	//2007
47230	8604223	48297	Styphelia filifolia	3		On brown sand on midslopes.	Woodland of Banksia attenuata, B. menziesii, B. ilicifolia over Heath dominated by Allocasuarina humilis.			Near Pinjar Powerstation	UNK	2	11/09/2007
47232	2997290	48297	Styphelia filifolia	3						Melaleuca Park 8.38 km N along	AUTO	3	11/06/1978
47234	1016539	48297	Styphelia filifolia	3	Erect shrub to 50 cm.	Sandy soil.				Galagher Road, Wanneroo	ТОРО	3	7/02/1980
47237	6808468	48297	Styphelia filifolia	3	Shrub.		Open low woodland. Allocasuarina fraseriana, Banksia attenuata, B. menziesii, B. grandis, Xanthorrhoea preissii, Acacia pulchella, Hakea prostrata, Calytrix flavescens.			Gnangara Mound	MAN	3	3/12/2002
47239	5917905	48297	Styphelia filifolia	3	Erect shrub 60 cm high x 40 cm wide. Flowers white, strictly pendulous. Leaves patent. Plants single stemmed at ground level.	Coastal plain (Bassendean Sands). Dry, littered grey sand.	Banksia woodland with a few marri. Corymbia calophylla, Banksia attenuata, Regelia inops, Xanthorrhoea preissii.	very occasional (4-6).		Melaleuca Park, ca 4 km S of Wandoo Road on coastal plain track,	GPS	1	10/06/2001
47250	7337671	48297	Styphelia filifolia	3	Erect, well branched shrub to ca 50 cm high. White flowers. Mostly in bud.	Flat, slope. Dry, white sand.	Banksia ilicifolia, B. menziesii, Nuytsia floribunda, Melaleuca - paper bark trees and sandplain shrubs including Scholtzia involucrata.	10+ scattered plants.		Warbrook Road, Bullsbrook, ca 200 m S from Wise Road then 100 m W	GPS	1	25/02/2006
47259	4453719	48297	Styphelia filifolia	3	Erect shrub 0.4m.	Soil: Brown sand. Topography/drainage: Well drained flat. Geomorphology: Lagoonal deposits - bassendean dunes.	Vegetation: Eucalyptus calophylla, E. marginata Woodland over Xanthorrhoea preissii Heath B over Conostephium pendulum Dwarf Scrub D over Phlebocarya ciliata Open Herbs.			On Wandoo Rd S of Muchea - Eneabba powerline 11 km S Gingin airfield (adj. to plot pline-3)	GPS	1	21/10/1993
49018	8755442	35581	Tetraria sp. Chandala (G.J. Keighery 17055)	2	Sedge c. 50 cm tall with very narrow leaves and culms. Inflorescence loose and branched, with dark brown florets.		Low open forest of Eucalyptus rudis and Melaleuca preissiana. Tall open shrubland of Astartea fascicularis and Kunzea glabrescens. Pteridium esculentum mid ferns. Sedgeland of Lepidosperma.	100 mature plants.	Project: 3516.	The Roe Highway Extension area, ca 14 km S of Perth	GPS	1	8/10/2015

FID 49019	Sheet 4864743	NameID 35581	Taxon Tetraria sp. Chandala (G.J. Keighery 17055)	Cons_Cod e 2	Rhizomatous herb 1.6 m high, 1 m wide; flowers	Site Mound spring, black peat over clay & humic sand.	Vegetation Assoc. vegn.: Melaleuca rhaphiophylla forest over sedges	Frequency		Locality Property on W side of Neaves Road,	Geo_Met hod TOPO	Precision 2	Date 4/02/1997
49517	278696	1717	Thelymitra variegata	2	brown; fruits brown. Petals purple, spotted. Sepals orange, purplish in the centre, with reddish- purple spots. Column purple with orange wings.	On limestone hills towards the coast.			common. 'Leopard Orchid'	Wanneroo Wanneroo	AUTO	3	/09/1919
51147	6427405	44444	Tripterococcus sp. Brachylobus (A.S. George 14234)	4	Flowers yellow.	Seasonal Wetland, flat ground, black fine peaty clay loam sand, poor drainage, wet during winter/spring.	Open Herbs. Associated species: Lepyrodia muirii, Baumea articulata, Baumea vaginalis.			SE end off Perry Road, Lake Pinjar Bushland (System 6 Area M8, Bush Forever 382), Lake Pinjar, in System 6 Update quadrat pinj01	GPS	1	10/11/1994

APPENDIX 2 Naturemap Report



NatureMap Species Report

Created By Guest user on 22/12/2020

Current Names Only Yes Core Datasets Only Yes Method 'By Circle' Centre 115° 45' 51" E,31° 38' 44" S Buffer 10km Group By Conservation Status

Conservation Status	Species	Records
Non-conservation taxon	781	5876
Other specially protected fauna	2	3
Presumed extinct	2	2
Priority 1	3	4
Priority 2	7	21
Priority 3	15	37
Priority 4	9	452
Protected under international agreement	8	18
Rare or likely to become extinct	18	573
TOTAL	845	6986

	Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
Doro or like	by to boo	eme extinct			Alta
1.		ome extinct		Т	
1.		Bettongia penicillata subsp. ogilbyi (Woylie, Brush-tailed Bettong) Calectasia cyanea (Blue Tinsel Lily)		Т	
2.				1	
э.	24733	Calyptorhynchus baudinii (Baudin's Cockatoo, White-tailed Long-billed Black Cockatoo)		т	
4.	24734	Calyptorhynchus latirostris (Carnaby's Cockatoo, White-tailed Short-billed Black Cockatoo)		т	
5.	48400	Calyptorhynchus sp. (white-tailed black cockatoo)		Т	
6.	25335	Caretta caretta (Loggerhead Turtle)		т	
7.	25336	Chelonia mydas (Green Turtle)		Т	
8.	24092	Dasyurus geoffroii (Chuditch, Western Quoll)		Т	
9.	24043	Eubalaena australis (Southern Right Whale)		Т	
10.	13091	Eucalyptus argutifolia (Wabling Hill Mallee)		т	
11.	33974	Hesperocolletes douglasi (Douglas's Broad-headed Bee, Short-tongued Native Bee)		Т	
12.	25819	Marianthus paralius		Т	
13.	33022	Melaleuca sp. Wanneroo (G.J. Keighery 16705)		Т	
14.	24154	Perameles bougainville subsp. bougainville (Western Barred Bandicoot, Marl)		Т	
15.	24142	Petrogale lateralis subsp. lateralis (Black-flanked Rock-wallaby, Black-footed Rock- wallaby)		т	
16.	24073	Physeter macrocephalus (Sperm Whale)		Т	
17.	24157	Trichosurus vulpecula subsp. arnhemensis (northern brushtail possum (Kimberley))		Т	
18.	34113	Westralunio carteri (Carter's Freshwater Mussel)		т	
Presumed e	extinct				
19.	24161	Bettongia lesueur subsp. graii (Boodie (inland), Burrowing Bettong (inland))		Х	
20.	24155	Perameles eremiana (Desert Bandicoot, walilya)		х	
Protected u	Inder inte	ernational agreement			
21.	41323	Actitis hypoleucos (Common Sandpiper)		IA	
22.	25554	Apus pacificus (Fork-tailed Swift, Pacific Swift)		IA	
23.	48587	Hydroprogne caspia (Caspian Tern)		IA	
24.	48591	Pandion cristatus (Osprey, Eastern Osprey)		IA	
25.	24843	Plegadis falcinellus (Glossy Ibis)		IA	
26.	24716	Puffinus pacificus (Wedge-tailed Shearwater)		IA	
27.	48597	Thalasseus bergii (Crested Tern)		IA	
28.	24808	Tringa nebularia (Common Greenshank, greenshank)		IA	
Other speci	ially prot	ected fauna			
29.	25624	Falco peregrinus (Peregrine Falcon)		S	
30.	24051	Megaptera novaeangliae (Humpback Whale)		S	

Department of B Conservation a

AUSTRALIAN

Priority 1

04	Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
31.	34161	Baeckea sp. Limestone (N. Gibson & M.N. Lyons 1425)		P1	
32.	31233	Drosera patens		P1	
33.	30712	Drosera x sidjamesii		P1	
Priority 2					
34.	3237	Acacia benthamii		P2	
35.	33973	Austrosaga spinifer (spiny katydid (Swan Coastal Plain), bush cricket (Swan Coastal			
		Plain))		P2	
36.	45757	Calectasia elegans (Elegant Tinsel Lily)		P2	
37.	20162	Fabronia hampeana		P2	
38.	42022	Poranthera moorokatta		P2	
39.		Stenanthemum sublineare		P2	
40.	35581	Tetraria sp. Chandala (G.J. Keighery 17055)		P2	
Priority 3					
41.	11336	Adenanthos cygnorum subsp. chamaephyton		P3	
42.	1425	Conostylis bracteata		P3	
43.		Cyathochaeta teretifolia		P3	
44.		Hibbertia spicata subsp. leptotheca		P3	
45.		Hylaeus globuliferus (woolybush bee)		P3	
46.		Idiosoma sigillatum (Swan Coastal Plain shield-backed trapdoor spider)		P3	
47. 48.		Jacksonia gracillima Leioproctus contrarius (a short-tonqued bee)		P3	
48. 49.		Leioproctus contrarius (a snort-tongued bee) Leucopogon sp. Yanchep (M. Hislop 1986)		P3 P3	
49. 50.		Neelaps calonotos (Black-striped Snake, black-striped burrowing snake)		P3 P3	
51.		Pimelea calcicola		P3	
52.		Pithocarpa corymbulosa (Corymbose Pithocarpa)		P3	
53.		Sarcozona bicarinata		P3	
54.		Stylidium maritimum		P3	
55.		Styphelia filifolia		P3	
Dui a uitu d					
Priority 4	24215	Hudromus obsessator (Motor rat. Polisii)		D4	
56. 57.		Hydromys chrysogaster (Water-rat, Rakali) Isoodon fusciventer (Quenda, southwestern brown bandicoot)		P4 P4	
58.		Jacksonia sericea (Waldjumi)		P4	
59.		Notamacropus irma (Western Brush Wallaby)		P4	
60.		Oxyura australis (Blue-billed Duck)		P4	
61.		Pseudonaja affinis subsp. exilis (Rottnest Island Dugite)		P4	
62.	7756	Stylidium longitubum (Jumping Jacks)		P4	
63.	33992	Synemon gratiosa (Graceful Sunmoth)		P4	
64.	44444	Tripterococcus sp. Brachylobus (A.S. George 14234)		P4	
64.				P4	
	vation ta	axon		P4	
^{64.} Non-conser	vation ta 15470			P4	
64. Non-conser 65.	vation ta 15470 3282	axon Acacia barbinervis subsp. borealis		P4	
64. Non-conser 65. 66.	vation ta 15470 3282 3374	Axon Acacia barbinervis subsp. borealis Acacia cyclops (Coastal Wattle)		P4	
64. Non-conser 65. 66. 67.	vation ta 15470 3282 3374 3409	Axon Acacia barbinervis subsp. borealis Acacia cyclops (Coastal Wattle) Acacia huegelii		P4	
64. Non-conser 65. 66. 67. 68. 69. 70.	Evation ta 15470 3282 3374 3409 11611 3502	Acacia barbinervis subsp. borealis Acacia cyclops (Coastal Wattle) Acacia huegelii Acacia lasiocarpa (Panjang) Acacia lasiocarpa var. lasiocarpa Acacia pulchella (Prickly Moses)		P4	
64. Non-conser 65. 66. 67. 68. 69. 70. 71.	Evation ta 15470 3282 3374 3409 11611 3502 15481	Acacia barbinervis subsp. borealis Acacia cyclops (Coastal Wattle) Acacia huegelii Acacia lasiocarpa (Panjang) Acacia lasiocarpa var. lasiocarpa Acacia pulchella (Prickly Moses) Acacia pulchella var. glaberrima		P4	
64. Non-conser 65. 66. 67. 68. 69. 70. 71. 71. 72.	vation ta 15470 3282 3374 3409 11611 3502 15481 15482	Acacia barbinervis subsp. borealis Acacia cyclops (Coastal Wattle) Acacia huegelii Acacia lasiocarpa (Panjang) Acacia lasiocarpa var. lasiocarpa Acacia pulchella (Prickly Moses) Acacia pulchella var. glaberrima Acacia pulchella var. goadbyi		P4	
64. Non-conser 65. 66. 67. 68. 69. 70. 71. 71. 72. 73.	vation ta 15470 3282 3374 3409 11611 3502 15481 15482 3525	Acacia barbinervis subsp. borealis Acacia cyclops (Coastal Wattle) Acacia huegelii Acacia lasiocarpa (Panjang) Acacia lasiocarpa var. lasiocarpa Acacia pulchella (Prickly Moses) Acacia pulchella var. glaberrima Acacia pulchella var. goadbyi Acacia rostellifera (Summer-scented Wattle)		Ρ4	
64. Non-conser 65. 66. 67. 68. 69. 70. 71. 72. 73. 73. 74.	vation ta 15470 3282 3374 3409 11611 3502 15481 15482 3525 3527	Acacia barbinervis subsp. borealis Acacia cyclops (Coastal Wattle) Acacia huegelii Acacia lasiocarpa (Panjang) Acacia lasiocarpa var. lasiocarpa Acacia lasiocarpa var. lasiocarpa Acacia pulchella (Prickly Moses) Acacia pulchella var. glaberrima Acacia pulchella var. glaberrima Acacia pulchella var. goadbyi Acacia rostellifera (Summer-scented Wattle) Acacia saligna (Orange Wattle, Kudjong)		P4	
64. Non-conser 65. 66. 67. 68. 69. 70. 71. 72. 73. 73. 74. 75.	vation t: 15470 3282 3374 3409 11611 3502 15481 15482 3525 3527 30032	Acacia barbinervis subsp. borealis Acacia cyclops (Coastal Wattle) Acacia cyclops (Coastal Wattle) Acacia huegelii Acacia lasiocarpa (Panjang) Acacia lasiocarpa var. lasiocarpa Acacia pulchella (Prickly Moses) Acacia pulchella var. glaberrima Acacia rostellifera (Summer-scented Wattle) Acacia saligna (Orange Wattle, Kudjong) Acacia saligna subsp. saligna		P4	
64. Non-conser 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 73. 74. 75. 76.	vation t: 15470 3282 3374 3409 11611 3502 15481 15482 3525 3527 30032 3541	Acacia barbinervis subsp. borealis Acacia cyclops (Coastal Wattle) Acacia cyclops (Coastal Wattle) Acacia huegelii Acacia lasiocarpa (Panjang) Acacia lasiocarpa var. lasiocarpa Acacia pulchella (Prickly Moses) Acacia pulchella var. glaberrima Acacia rostellifera (Summer-scented Wattle) Acacia saligna (Orange Wattle, Kudjong) Acacia saligna subsp. saligna Acacia sessilis		Ρ4	
64. Non-conser 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 73. 74. 75. 76. 77.	vation t: 15470 3282 3374 3409 11611 3502 15481 15482 3525 3527 30032 3541 3584	Acacia barbinervis subsp. borealisAcacia cyclops (Coastal Wattle)Acacia cyclops (Coastal Wattle)Acacia huegeliiAcacia lasiocarpa (Panjang)Acacia lasiocarpa var. lasiocarpaAcacia lasiocarpa var. lasiocarpaAcacia pulchella (Prickly Moses)Acacia pulchella var. glaberrimaAcacia pulchella var. goadbyiAcacia rostellifera (Summer-scented Wattle)Acacia saligna (Orange Wattle, Kudjong)Acacia sessilisAcacia turucata		Ρ4	
64. Non-conser 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 73. 74. 75. 76. 77. 78.	vation t: 15470 3282 3374 3409 11611 3502 15481 15482 3525 3527 30032 3541 3584 3602	Acacia barbinervis subsp. borealisAcacia cyclops (Coastal Wattle)Acacia cyclops (Coastal Wattle)Acacia huegeliiAcacia lasiocarpa (Panjang)Acacia lasiocarpa var. lasiocarpaAcacia lasiocarpa var. lasiocarpaAcacia pulchella (Prickly Moses)Acacia pulchella var. glaberrimaAcacia pulchella var. goadbyiAcacia rostellifera (Summer-scented Wattle)Acacia saligna (Orange Wattle, Kudjong)Acacia sesilisAcacia i sessilisAcacia i turucataAcacia i willdenowiana (Grass Wattle)		Ρ4	
64. Non-conser 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 73. 74. 75. 76. 77. 78. 79.	vation t: 15470 3282 3374 3409 11611 3502 15481 15482 3525 3527 30032 3541 3584 3602 24559	Acacia barbinervis subsp. borealisAcacia cyclops (Coastal Wattle)Acacia cyclops (Coastal Wattle)Acacia huegeliiAcacia lasiocarpa (Panjang)Acacia lasiocarpa var. lasiocarpaAcacia lasiocarpa var. lasiocarpaAcacia pulchella (Prickly Moses)Acacia pulchella var. glaberrimaAcacia pulchella var. goadbyiAcacia rostellifera (Summer-scented Wattle)Acacia saligna (Orange Wattle, Kudjong)Acacia sesilisAcacia sesilisAcacia i truncataAcacia i willdenowiana (Grass Wattle)Acanthagenys rufogularis (Spiny-cheeked Honeyeater)		P4	
64. Non-conser 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 73. 74. 75. 76. 77. 78.	vation t: 15470 3282 3374 3409 11611 3502 15481 15482 3525 3527 30032 3541 3584 3602 24559 24260	Acacia barbinervis subsp. borealisAcacia cyclops (Coastal Wattle)Acacia cyclops (Coastal Wattle)Acacia huegeliiAcacia lasiocarpa (Panjang)Acacia lasiocarpa var. lasiocarpaAcacia lasiocarpa var. lasiocarpaAcacia pulchella (Prickly Moses)Acacia pulchella var. glaberrimaAcacia pulchella var. goadbyiAcacia rostellifera (Summer-scented Wattle)Acacia saligna (Orange Wattle, Kudjong)Acacia sesilisAcacia i sessilisAcacia i turucataAcacia i willdenowiana (Grass Wattle)		P4	
64. Non-conser 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80.	rvation ta 15470 3282 3374 3409 11611 3502 15481 15482 3525 3527 30032 3541 3584 3602 24559 24260 24261	Acacia barbinervis subsp. borealisAcacia barbinervis subsp. borealisAcacia cyclops (Coastal Wattle)Acacia huegeliiAcacia huegeliiAcacia lasiocarpa (Panjang)Acacia lasiocarpa var. lasiocarpaAcacia lasiocarpa var. lasiocarpaAcacia pulchella (Prickly Moses)Acacia pulchella var. glaberrimaAcacia pulchella var. goadbyiAcacia sulchella var. goadbyiAcacia rostellifera (Summer-scented Wattle)Acacia saligna (Orange Wattle, Kudjong)Acacia saligna subsp. salignaAcacia sessilisAcacia i truncataAcacia truncataAcacia willdenowiana (Grass Wattle)Acanthagenys rufogularis (Spiny-cheeked Honeyeater)Acanthiza apicalis (Broad-tailed Thornbill, Inland Thornbill)		P4	
64. Non-conser 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81.	rvation ta 15470 3282 3374 3409 11611 3502 15481 15482 3525 3527 30032 3541 3584 3602 24559 24260 24261 24262	Acacia barbinervis subsp. borealis Acacia cyclops (Coastal Wattle) Acacia cyclops (Coastal Wattle) Acacia huegelii Acacia lasiocarpa (Panjang) Acacia lasiocarpa var. lasiocarpa Acacia pulchella (Prickly Moses) Acacia pulchella var. glaberrima Acacia pulchella var. glaberrima Acacia pulchella var. goadbyi Acacia rostellifera (Summer-scented Wattle) Acacia rostellifera (Summer-scented Wattle) Acacia saligna (Orange Wattle, Kudjong) Acacia saligna subsp. saligna Acacia sessilis Acacia sessilis Acacia funcata Acacia sulldenowiana (Grass Wattle) Acacin willdenowiana (Grass Wattle) Acacintagenys rufogularis (Spiny-cheeked Honeyeater) Acacintiza apicalis (Broad-tailed Thornbill, Inland Thornbill)		P4	
64. Non-conser 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 74. 75. 76. 77. 78. 78. 79. 80. 80. 81. 82.	vation ta 15470 3282 3374 3409 11611 3502 15481 15482 3525 3527 30032 3541 3584 3602 24559 24260 24261 24262 24262 1208	Acacia barbinervis subsp. borealis Acacia cyclops (Coastal Wattle) Acacia cyclops (Coastal Wattle) Acacia huegelii Acacia lasiocarpa (Panjang) Acacia lasiocarpa (Panjang) Acacia lasiocarpa var. lasiocarpa Acacia pulchella (Prickly Moses) Acacia pulchella var. glaberrima Acacia pulchella var. glaberrima Acacia pulchella var. goadbyi Acacia sulchella var. goadbyi Acacia saligna (Orange Wattle, Kudjong) Acacia saligna subsp. saligna Acacia saligna subsp. saligna Acacia sessilis Acacia truncata Acacia truncata Acacia willdenowiana (Grass Wattle) Acacintagenys rufogularis (Spiny-cheeked Honeyeater) Acacintiza apicalis (Broad-tailed Thornbill, Inland Thornbill) Acacintiza chrysorrhoa (Yellow-rumped Thornbill)		P4	
64. Non-conser 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 74. 75. 76. 77. 78. 78. 79. 80. 81. 81. 82. 83.	vation ta 15470 3282 3374 3409 11611 3502 15481 15482 3352 33527 30032 3541 3584 3602 24559 24260 24261 24262 24262 1208 24560	Acacia barbinervis subsp. borealis Acacia cyclops (Coastal Wattle) Acacia cyclops (Coastal Wattle) Acacia huegelii Acacia lasiocarpa (Panjang) Acacia lasiocarpa (Panjang) Acacia gulchella (Prickly Moses) Acacia pulchella var. glaberrima Acacia pulchella var. glaberrima Acacia pulchella var. goadbyi Acacia sulchella var. goadbyi Acacia saligna (Orange Wattle, Kudjong) Acacia saligna (Orange Wattle, Kudjong) Acacia saligna subsp. saligna Acacia sessilis Acacia sessilis Acacia truncata Acacia willdenowiana (Grass Wattle) Acacia willdenowiana (Grass Wattle) Acacinthiza apicalis (Broad-tailed Thornbill, Inland Thornbill) Acacintiza chrysorrhoa (Yellow-rumped Thornbill) Acacintiza inornata (Western Thornbill)		P4	
64. Non-conser 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 74. 75. 76. 77. 78. 77. 80. 81. 80. 81. 82. 83. 84.	vation ta 15470 3282 3374 3409 11611 3502 15481 15482 3352 33527 30032 3541 3584 3602 24559 24260 24261 24262 2535 2456 24562 245555 24562 24562 245555 24562 2455555 24565 24565555555555	AxonAcacia barbinervis subsp. borealisAcacia cyclops (Coastal Wattle)Acacia cyclops (Coastal Wattle)Acacia huegeliiAcacia lasiocarpa (Panjang)Acacia lasiocarpa (Panjang)Acacia lasiocarpa var. lasiocarpaAcacia pulchella (Prickly Moses)Acacia pulchella var. glaberrimaAcacia pulchella var. goadbyiAcacia sublifiera (Summer-scented Wattle)Acacia saligna (Orange Wattle, Kudjong)Acacia saligna (Orange Wattle, Kudjong)Acacia saligna subsp. salignaAcacia saligna subsp. salignaAcacia sultencetaAcacia funcetaAcacia funcetaAcacia villenowiana (Grass Wattle)Acanthiza apicalis (Broad-tailed Thornbill, Inland Thornbill)Acanthiza apicalis (Broad-tailed Thornbill)Acanthiza picalis (Broad-tailed Thornbill)Acanthiza normata (Western Thornbill)Acanthiza normata (Western Thornbill)Acanthiza normata (Western Thornbill)Acanthocarpus preissiiAcanthorthyrnchus superciliosus (Western Spinebill)		P4	
64. Non-conser 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 74. 75. 76. 77. 80. 81. 82. 83. 81. 82. 83. 84. 85.	vation ta 15470 3282 3374 3409 11611 3502 15481 15482 3325 3327 30032 3541 3584 3602 24559 24260 24259 24260 24261 24262 1208 24560 242653 5355	Acacia barbinervis subsp. borealisAcacia cyclops (Coastal Wattle)Acacia cyclops (Coastal Wattle)Acacia huegeliiAcacia lasiocarpa (Panjang)Acacia lasiocarpa (Panjang)Acacia bulchella (Prickly Moses)Acacia pulchella (Prickly Moses)Acacia pulchella var. glaberrimaAcacia sostellifera (Summer-scented Wattle)Acacia saligna (Orange Wattle, Kudjong)Acacia saligna (Orange Wattle, Kudjong)Acacia saligna subsp. salignaAcacia sultleneviana (Grass Wattle)Acacia funcetaAcacia willdenoviana (Grass Wattle)Acanthagenys rufogularis (Spiny-cheeked Honeyeater)Acanthiza apicalis (Broad-tailed Thornbill)Acanthiza nomata (Western Thornbill)Acanthiza nomata (Western Thornbill)Acanthorcarpus preissiiAcanthorcarpus preissiiAcanthorchynchus superciliosus (Western Spinebill)Acanthorthynchus superciliosus (Western Spinebill)Acacipiter cirrocephalus (Collared Sparrowhawk)		P4	
64. Non-conser 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 74. 75. 76. 77. 80. 81. 82. 83. 81. 82. 83. 84. 85. 86.	vation ta 15470 3282 3374 3409 11611 3502 15481 15481 3525 3527 30032 3541 3584 3602 24559 24260 24259 24260 24261 24262 1208 24560 24265 2535 25536 25536 24282	Acacia barbinervis subsp. borealis Acacia cacio barbinervis subsp. borealis Acacia cacio cyclops (Coastal Wattle) Acacia huegelii Acacia huegelii Acacia lasiocarpa (Panjang) Acacia pulchella (Prickly Moses) Acacia pulchella var. glaberrima Acacia saligna (Drange Wattle) Acacia saligna (Orange Wattle, Kudjong) Acacia saligna (Orange Wattle, Kudjong) Acacia saligna subsp. saligna Acacia sulldenowiana (Grass Wattle) Acacia villdenowiana (Grass Wattle) Acacia villa priversented Honeyeater) Acacia tuncata Acacina tuncata		P4	
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64. Non-conser 65. 66. 67. 68. 69. 70. 71. 71. 72. 73. 74. 75. 74. 75. 76. 77. 78. 78. 78. 80. 81. 82. 83. 84. 83. 84. 85. 86. 84. 85. 86. 87. 88. 87. 88. 89. 90. 91.	vation t: 15470 3282 3374 3409 11611 3502 15481 15482 3525 3527 30032 3541 3584 3602 24559 24260 24559 24260 24261 24262 1208 24553 24260 24263 24553 24262 24553 24262 24553 24262 25556 24282 24282 24553 25556 24282 24559 24260 24553 25556 24282 24559 255555 25555 25555 25555 255555 255555 255555 255555 255555 2555555	AxonAcacia barbinervis subsp. borealisAcacia cyclops (Coastal Wattle)Acacia cyclops (Coastal Wattle)Acacia huegeliiAcacia lasiocarpa (Panjang)Acacia lasiocarpa ava. lasiocarpaAcacia pulchella (Prickly Moses)Acacia pulchella var. glaberrimaAcacia sotolifiera (Summer-scented Wattle)Acacia saligna (Orange Wattle, Kudjong)Acacia saligna (Orange Wattle, Kudjong)Acacia saligna subsp. salignaAcacia vuncataAcacia vuncataAcacia truncataAcanthiza apicalis (Broad-tailed Thornbill, Inland Thornbill)Acanthiza apicalis (Broad-tailed Thornbill)Acarthy privensiAcarthy surgerciliosus (Western Spinebill)Acarthy surgerciliosus (Western Spinebill)Acarthy surgerciliosus (Western Spinebill)Acacipiter trisceatus (Brown Goshawk)Accipiter fasciatus (Brown Goshawk)Accipiter fasciatus subsp. fasciatus (Brown Goshawk)Acrocphalus australis (Australian Reed Warbler)Acrotiche cordata (Coast Ground Berry)Actinotus leucocephalus (Flannel Flower)		P4	
64. Non-conser 65. 66. 67. 68. 69. 70. 71. 71. 72. 73. 74. 75. 76. 77. 78. 78. 78. 78. 80. 81. 83. 84. 83. 84. 85. 86. 85. 86. 87. 88. 88. 89. 90.	vation t: 15470 3282 3374 3409 11611 3502 15481 15482 3525 3527 30032 3541 3584 3602 24559 24260 24259 24260 24261 24262 1208 24553 24262 24553 24260 24262 24553 24262 24553 24262 24553 25556 24282 24553 25556 24282 24559 24553 25556 24553 25556 24555 25556 24555 25556 24555 25556 24555 25556 24555 25556 24555 25556 24555 25556 24557 25556 24557 25556 24557 25556 24557 25556 24557 25556 24557 25556 24557 25556 24559 24559 25556 25556 25556 25556 25556 25556 25556 25556 25556 25556 25556 24557 25556 245575 25556 24557 25556 24557 25556 24559 25556 25557 2557577777777	AxonAcacia barbinervis subsp. borealisAcacia cyclops (Coastal Wattle)Acacia cyclops (Coastal Wattle)Acacia huegeliiAcacia lasiocarpa (Panjang)Acacia lasiocarpa ava. lasiocarpaAcacia pulchella (Prickly Moses)Acacia pulchella var. glaberrimaAcacia sostellifera (Summer-scented Wattle)Acacia saligna (Orange Wattle, Kudjong)Acacia saligna Subsp. salignaAcacia sullenowiana (Grass Wattle)Acacia vulchata vingularis (Spiny-cheeked Honeyeater)Acanthiza apicalis (Broad-tailed Thornbill)Acanthiza normata (Western Thornbill)Acanthiza normata (Western Thornbill)Acachiny superciliosus (Western Spinebill)Acachiny superciliosus (Western Spinebill)Acachiny superciliosus (Western Spinebill)Acacipiter trisceatus (Brown Goshawk)Accipiter fasciatus subsp. fasciatus (Brown Goshawk)Acrotopehalus australis (Australian Reed Warbler)Acrotopehalus australis (Australian Reed Warbler) <t< td=""><td></td><td>P4</td><td></td></t<>		P4	



	Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Qu Area
94.		Aetapcus maculatus			
95.		Aira caryophyllea (Silvery Hairgrass)	Y		
96.		Alexgeorgea nitens			
97.		Allocasuarina fraseriana (Sheoak, Kondil)			
98.		Allocasuarina humilis (Dwarf Sheoak)	×		
99.		Amaranthus powellii (Powell's Amaranth)	Y		
100. 101.	2071	Amaranthus viridis (Green Amaranth)	Y		
101.	40000	Amblyomma triguttatum			
102.		Amphibronus nervosus			
103.		Amphipogon turbinatus			
	20456	Amphiroa anceps			
105.	24210	Aname mainae			
106.		Anas castanea (Chestnut Teal)			
107.		Anas gracilis (Grey Teal)			
108.		Anas rhynchotis (Australasian Shoveler)			
109.		Anas superciliosa (Pacific Black Duck)			
110.		Andersonia heterophylla			
111.		Andersonia lehmanniana			
112.		Anhinga novaehollandiae (Australasian Darter)			
113.		Anigozanthos humilis (Catspaw)			
114.		Anigozanthos humilis subsp. humilis			
115.		Anigozanthos manglesii (Mangles Kangaroo Paw, Kurulbrang)			
116.	44629	Anilios australis			
117.		Antaresia stimsoni subsp. stimsoni (Stimson's Python)			
118.	24561	Anthochaera carunculata (Red Wattlebird)			
119.	24562	Anthochaera lunulata (Western Little Wattlebird)			
120.	12724	Anthotium junciforme			
121.	6210	Apium annuum			
122.	24991	Aprasia repens (Sand-plain Worm-lizard)			
123.	24285	Aquila audax (Wedge-tailed Eagle)			
124.		Araneus cyphoxis			
125.		Araneus senicaudatus			
126.	7838	Arctotheca calendula (Cape Weed, African Marigold)	Y		
127.	41324	Ardea modesta (great egret, white egret)			
128.	24340	Ardea novaehollandiae (White-faced Heron)			
129.	24341	Ardea pacifica (White-necked Heron)			
130.	25566	Artamus cinereus (Black-faced Woodswallow)			
131.	24353	Artamus cyanopterus (Dusky Woodswallow)			
132.	20283	Astartea scoparia (Common Astartea)			
133.	7851	Asteridea pulverulenta (Common Bristle Daisy)			
134.	6323	Astroloma ciliatum (Candle Cranberry)			
135.	6331	Astroloma microcalyx (Native Cranberry)			
136.	6334	Astroloma pallidum (Kick Bush)			
137.		Aurecocrypta lugubris			
138.		Austracantha minax			
139.		Australomimetus djuka			
140.		Australomimetus ovidi			
141.	17234	Austrostipa compressa			
142.		Austrostipa elegantissima			
143.		Austrostipa flavescens			
144.		Avellinia michelii	Y		
145.		Avena barbata (Bearded Oat)	Y		
146.		Aythya australis (Hardhead)			
147.		Banksia attenuata (Slender Banksia, Piara)			
148.		Banksia grandis (Bull Banksia, Pulgarla)			
140.		Banksia leptophylla var. melletica			
150.		Banksia nepziesii (Firewood Banksia)			
151.		Banksia menziesi (i newood banksia) Banksia prionotes (Acorn Banksia)			
151.		Banksia phonoles (Acom Banksia) Banksia sessilis (Parrot Bush, Pudjak)			
152.		Banksia sessilis var. cygnorum			
153.	52011	Barnardius zonarius			
154.	3876F	Battarrea stevenii			
155. 156.		Baumea arthrophylla			
157.		Baumea juncea (Bare Twigrush)			
158.		Beaufortia elegans (Elegant Beaufortia)			
159.		Bellardia trixago (Bellardia)	Y		
160.		Billardiera fraseri (Elegant Pronaya)			
161.		Biziura lobata (Musk Duck)			
162.		Boronia purdieana subsp. purdieana			
163.	11381	Boronia ramosa subsp. anethifolia	<i>B</i>	_	
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	Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Quer Area
164.		Bos taurus (European Cattle)	Y		
165.		Bossiaea eriocarpa (Common Brown Pea)			
166.		Brachyurophis fasciolatus subsp. fasciolatus (Narrow-banded Shovel-nosed Snake)			
167.		Brachyurophis semifasciatus (Southern Shovel-nosed Snake)	X		
168. 169.		Brassica barrelieri subsp. oxyrrhina (Smooth-stem Turnip)	Y		
170.		Brassica fruticulosa (Twiggy Turnip) Brassica tournefortii (Mediterranean Turnip)	Y Y		
171.		Briza maxima (Blowfly Grass)	Y		
172.		Briza minor (Shivery Grass)	Y		
173.		Bromus diandrus (Great Brome)	Y		
174.		Buellia georgei	•		
175.		Burchardia congesta			
176.		Byssomerulius corium			
177.	25714	Cacatua pastinator (Western Long-billed Corella)			
178.	25715	Cacatua roseicapilla (Galah)			
179.	25716	Cacatua sanguinea (Little Corella)			
180.	24727	Cacatua sanguinea subsp. westralensis (Little Corella)			
181.	24729	Cacatua tenuirostris (Eastern Long-billed Corella)	Y		
182.	25598	Cacomantis flabelliformis (Fan-tailed Cuckoo)			
183.	42307	Cacomantis pallidus (Pallid Cuckoo)			
184.		Caesia micrantha (Pale Grass Lily)			
185.		Caladenia bicalliata			
186.		Caladenia flava (Cowslip Orchid)			
187.		Caladenia flava subsp. flava			
188.		Caladenia georgei			
189.		Caladenia hirta (Sugar Candy Orchid)			
190.		Caladenia latifolia (Pink Fairy Orchid)			
191.		Caladenia longicauda subsp. calcigena			
192.		Calandrinia brevipedata (Short-stalked Purslane)			
193.		Calandrinia corrigioloides (Strap Purslane)			
194.		Calandrinia granulifera (Pygmy Purslane)			
195.		Calandrinia liniflora (Parakeelya)			
196.		Calandrinia tholiformis			
197. 198.		Callophycus harveyanus Callophycus oppositifolius			
190.		Calothamnus lateralis			
200.		Calothamnus quadrifidus (One-sided Bottlebrush, Kwowdjard)			
200.		Calothamnus sanguineus (Silky-leaved Blood flower, Pindak)			
202.		Calyptorhynchus banksii (Red-tailed Black-Cockatoo)			
203.		Calytrix angulata (Yellow Starflower)			
204.		Calytrix flavescens (Summer Starflower)			
205.		Calytrix fraseri (Pink Summer Calytrix)			
206.		Camelus dromedarius (Dromedary, Camel)	Y		
207.		Canis familiaris (Dog, Dingo)	Y		
208.		Carduus pycnocephalus (Slender Thistle)	Y		
209.	43241	Carex thecata			
210.	2798	Carpobrotus virescens (Coastal Pigface, Kolboko, Bain)			
211.	1162	Cartonema philydroides			
212.	2951	Cassytha flava (Dodder Laurel)			
213.	2952	Cassytha glabella (Tangled Dodder Laurel)			
214.	2957	Cassytha racemosa (Dodder Laurel)			
215.	11799	Cassytha racemosa forma racemosa			
216.	26562	Caulerpa fergusonii			
217.	1125	Centrolepis drummondiana			
218.		Centrolepis inconspicua			
219.		Centrolepis mutica			
220.		Centrolepis polygyna (Wiry Centrolepis)			
221.		Cerastium glomeratum (Mouse Ear Chickweed)	Y		
222.		Chalinolobus gouldii (Gould's Wattled Bat)			
223.		Chamaescilla corymbosa (Blue Squill)			
224.		Chamaescilla corymbosa var. corymbosa			
225.		Charadrius ruficapillus (Red-capped Plover)			
226.		Chelodina colliei (South-western Snake-necked Turtle)			
227.		Chenonetta jubata (Australian Wood Duck, Wood Duck)			
228.		Chenopodium album (Fat Hen)	Y		
229.		Cheramoeca leucosterna (White-backed Swallow)			
230.		Chordifex microcodon			
231. 232.	24980	Christinus marmoratus (Marbled Gecko)			
232.	24424	Chroicocephalus novaehollandiae			
200.	24431	Chrysococcyx basalis (Horsfield's Bronze Cuckoo)	· (60) ·	and of Bindhumity	- WEATER
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	Name ID	Species Name	Naturalis	ed Conservation Code	¹ Endemic To Query Area
234.	24288	Circus approximans (Swamp Harrier)			
235.	24289	Circus assimilis (Spotted Harrier)			
236.	7937	Cirsium vulgare (Spear Thistle, Scotch Thistle)	Y		
237.	24774	Cladorhynchus leucocephalus (Banded Stilt)			
238.	2929	Clematis pubescens (Common Clematis)			
239.	25675	Colluricincla harmonica (Grey Shrike-thrush)			
240.	24613	Colluricincla harmonica subsp. rufiventris (Grey Shrike-thrush)			
241.	24399	Columba livia (Domestic Pigeon)	Y		
242.	4550	Comesperma calymega (Blue-spike Milkwort)			
243.	4552	Comesperma confertum			
244.	4554	Comesperma flavum			
245.	1857	Conospermum acerosum (Needle-leaved Smokebush)			
246.	15511	Conospermum boreale			
247.	1876	Conospermum incurvum (Plume Smokebush)			
248.	1882	Conospermum stoechadis (Common Smokebush)			
249.	15611	Conospermum stoechadis subsp. stoechadis (Common Smokebush)			
250.	1885	Conospermum triplinervium (Tree Smokebush)			
251.	6347	Conostephium minus (Pink-tipped Pearl flower)			
252.	6348	Conostephium pendulum (Pearl Flower)			
253.	1418	Conostylis aculeata (Prickly Conostylis)			
254.	11826	Conostylis aculeata subsp. aculeata			
255.	11513	Conostylis aculeata subsp. cygnorum			
256.	1427	Conostylis candicans (Grey Cottonhead)			
257.	12027	Conostylis candicans subsp. calcicola			
258.	1436	Conostylis juncea			
259.	1443	Conostylis pauciflora (Dawesville Conostylis)			
260.	1454	Conostylis setigera (Bristly Cottonhead)			
261.	11597	Conostylis setigera subsp. setigera			
262.	11870	Conostylis teretifolia subsp. teretifolia			
263.	20074	Conyza sumatrensis	Y		
264.	25568	Coracina novaehollandiae (Black-faced Cuckoo-shrike)			
265.		Cormocephalus aurantiipes			
266.		Cormocephalus novaehollandiae			
267.		Cormocephalus rubriceps			
268.		Cormocephalus turneri			
269.	24416	Corvus bennetti (Little Crow)			
270.	25592	Corvus coronoides (Australian Raven)			
271.	24417	Corvus coronoides subsp. perplexus (Australian Raven)			
272.	17104	Corymbia calophylla (Marri)			
273.	1285	Corynotheca micrantha (Sand Lily)			
274.	25701	Coturnix ypsilophora (Brown Quail)			
275.	24420	Cracticus nigrogularis (Pied Butcherbird)			
276.	25595	Cracticus tibicen (Australian Magpie)			
277.	24422	Cracticus tibicen subsp. dorsalis (White-backed Magpie)			
278.	25596	Cracticus torquatus (Grey Butcherbird)			
279.	24424	Cracticus torquatus subsp. torquatus (Grey Butcherbird)			
280.	42009	Craspedia sp. Yalgorup National Park (G.J. Keighery 14449)			
281.	3137	Crassula colorata (Dense Stonecrop)			
282.	11563	Crassula colorata var. colorata			
283.		Crassula thunbergiana	Y		
284.	24918	Crenadactylus ocellatus subsp. ocellatus (Clawless Gecko)			
285.		Crinia insignifera (Squelching Froglet)			
286.	4802	Cryptandra mutila			
287.		Cryptandra scoparia			
288.	30893	Cryptoblepharus buchananii			
289.	26709	Cryptonemia undulata			
290.	30899	Ctenophorus adelaidensis (Southern Heath Dragon, Western Heath Dragon)			
291.	25027	Ctenotus australis			
292.	25039	Ctenotus fallens			
293.	25825	Cucurbita pepo	Y		
294.	11021	Cuscuta planiflora	Y		
295.	25087	Cyclodomorphus celatus (Western Slender Blue-tongue)			
296.	24322	Cygnus atratus (Black Swan)			
297.	815	Cyperus tenellus (Tiny Flatsedge)	Y		
298.	10916	Cyrtostylis huegelii			
299.	30901	Dacelo novaeguineae (Laughing Kookaburra)	Y		
300.	7454	Dampiera linearis (Common Dampiera)			
301.	25673	Daphoenositta chrysoptera (Varied Sittella)			
302.	1218	Dasypogon bromeliifolius (Pineapple Bush)			
302.					
303.	6218	Daucus glochidiatus (Australian Carrot)			

	Name ID	Species Name	Naturalised	Conservation Code	'Endemic To Area
304.	3793	Daviesia angulata			
305.	19747	Daviesia decurrens subsp. decurrens			
306.	3807	Daviesia divaricata (Marno)			
307.	18560	Daviesia divaricata subsp. divaricata			
308.	3824	Daviesia nudiflora			
309.	3845	Daviesia triflora			
310.	30906	Delma concinna (Javelin Legless Lizard)			
311.		Delma concinna subsp. concinna (Javelin Legless Lizard)			
312.		Delma fraseri (Fraser's Legless Lizard)			
313.		Delma grayii			
314.		Demansia psammophis (Yellow-faced Whipsnake)			
315.		Demansia psammophis subsp. reticulata (Yellow-faced Whipsnake)			
316.		Desmocladus asper			
317.		Deyeuxia quadriseta (Reed Bentgrass)			
318.		Dianella revoluta (Blueberry Lily)			
319.		Dianella revoluta var. divaricata			
320.	25607	Dicaeum hirundinaceum (Mistletoebird)			
321.	306	Dichelachne crinita (Longhair Plumegrass)			
322.	1287	Dichopogon capillipes			
323.	27392	Dictyota dichotoma var. intricata			
324.	26778	Dictyota furcellata			
325.	24939	Diplodactylus polyophthalmus			
326.		Diplolaena angustifolia (Yanchep Rose)			
327.		Diplopeltis huegelii			
328.		Diplopeltis huegelii subsp. huegelii			
329.		Disa bracteata	Y		
330.		Diuris corymbosa			
331.		Diuris longifolia (Common Donkey Orchid)			
332.		Drakaea glyptodon (King-in-his-carriage)			
333.		Dromaius novaehollandiae (Emu)			
334.					
335.		Drosera drummondii			
		Drosera erythrorhiza (Red Ink Sundew)			
336.		Drosera indumenta			
337.		Drosera macrantha (Bridal Rainbow)			
338.		Drosera menziesii (Pink Rainbow)			
339.		Drosera micrantha			
340.		Drosera pallida (Pale Rainbow)			
341.		Echiopsis curta (Bardick)			
342.		Egernia kingii (King's Skink)			
343.	25100	Egernia napoleonis			
344.		Egretta garzetta			
345.		Egretta novaehollandiae			
346.		Ehrharta calycina (Perennial Veldt Grass)	Y		
347.	349	Ehrharta longiflora (Annual Veldt Grass)	Y		
348.		Elanus axillaris			
349.	1643	Elythranthera brunonis (Purple Enamel Orchid)			
350.		Eolophus roseicapillus			
351.	24651	Eopsaltria australis subsp. griseogularis (Western Yellow Robin)			
352.	24652	Eopsaltria georgiana (White-breasted Robin)			
353.	1645	Epiblema grandiflorum (Babe-in-a-cradle)			
354.	6132	Epilobium ciliatum	Y		
355.		Epilobium hirtigerum (Hairy Willow Herb)			
356.		Eragrostis curvula (African Lovegrass)	Y		
357.		Eremaea asterocarpa subsp. asterocarpa			
358.		Eremaea pauciflora var. pauciflora			
359.		Eremophila glabra (Tar Bush)			
360.		Eriochilus dilatatus (White Bunny Orchid)			
361.	10-10	Eriophora biapicata			
362.	1222	Erodium botrys (Long Storksbill)	Y		
362. 363.		Eryngium pinnatifidum (Blue Devils)	ť		
363. 364.		Eryngium pinnatifidum subsp. pinnatifidum			
365. 266		Eucalyptus decipiens (Limestone Marlock, Moit)			
366. 267		Eucalyptus drummondii (Drummond's Gum)			
367.		Eucalyptus foecunda (Narrow-leaved Red Mallee)			
368.		Eucalyptus gomphocephala (Tuart, Duart)			
369.		Eucalyptus marginata (Jarrah, Djara)			
370.		Eucalyptus petiolaris	Y		
371.		Eucalyptus petrensis			
372.		Eucalyptus rudis subsp. rudis			
272	5790	Eucalyptus todtiana (Coastal Blackbutt)			
373.	0/00		243	nt of Biodiversity,	AA WE

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	Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Quer Area
374.		Eudyptula minor subsp. novaehollandiae (Little Penguin)			
375.		Euphorbia terracina (Geraldton Carnation Weed)	Y		
376.		Eurostopodus argus (Spotted Nightjar)			
377. 378.		Falco berigora (Brown Falcon) Falco cenchroides (Australian Kestrel, Nankeen Kestrel)			
379.		Falco longipennis (Australian Hobby)			
380.		Felis catus (Cat)	Y		
381.		Ficinia nodosa (Knotted Club Rush)			
382.		Frankenia pauciflora (Seaheath)			
383.		Fulica atra (Eurasian Coot)			
384.	24761	Fulica atra subsp. australis (Eurasian Coot)			
385.	7976	Galinsoga parviflora (Potato Weed)	Y		
386.	7323	Galium murale (Small Goosegrass)	Y		
387.	25729	Gallinula tenebrosa (Dusky Moorhen)			
388.		Gallinula tenebrosa subsp. tenebrosa (Dusky Moorhen)			
389.		Gastrolobium ebracteolatum			
390.		Gastrolobium linearifolium			
391.		Gavicalis virescens (Singing Honeyeater)			
392.		Gazania linearis	Y		
393. 394.		Gelinaria ulvoidea Geranium molle (Dove's Foot Cranesbill)	Y		
394. 395.		Geranium molie (Love's Foot Cranesbili) Gerygone fusca (Western Gerygone)	T		
395. 396.		Gladiolus caryophyllaceus (Wild Gladiolus)	Y		
397.		Glischrocaryon angustifolium			
398.		Glischrocaryon aureum (Common Popflower)			
399.		Glyciphila melanops (Tawny-crowned Honeyeater)			
400.	3957	Gompholobium tomentosum (Hairy Yellow Pea)			
401.	6161	Gonocarpus pithyoides			
402.	19286	Goodenia pulchella subsp. Coastal Plain A (M. Hislop 634)			
403.	24443	Grallina cyanoleuca (Magpie-lark)			
404.	15839	Grevillea preissii subsp. preissii			
405.	2119	Grevillea vestita			
406.	12824	Grevillea vestita subsp. vestita			
407.		Gyrostemon ramulosus (Corkybark)			
408.		Haemodorum laxum			
409.		Hakea costata (Ribbed Hakea)			
410.		Hakea lissocarpha (Honey Bush)			
411. 412.		Hakea prostrata (Harsh Hakea) Hakea ruscifolia (Candle Hakea)			
412.		Hakea trifurcata (Two-leaf Hakea)			
414.		Hakea varia (Variable-leaved Hakea)			
415.		Haliastur sphenurus (Whistling Kite)			
416.		Halobaena caerulea (Blue Petrel)			
417.	3961	Hardenbergia comptoniana (Native Wisteria)			
418.	25410	Heleioporus eyrei (Moaning Frog)			
419.	3016	Heliophila pusilla	Y		
420.	439	Hemarthria uncinata (Matgrass)			
421.	16933	Hemiandra glabra			
422.	6838	Hemiandra linearis (Speckled Snakebush)			
423.		Hemiandra pungens (Snakebush)			
424.		Hemiergis quadrilineata			
425.	1293	Hensmania turbinata			
426.	EAAC	Hexagonia vesparia Hibboria surso			
427.		Hibbertia aurea			
428. 429.		Hibbertia huegelii Hibbertia hypericoides (Yellow Buttercups)			
429. 430.		Hibbertia hypericoides subsp. hypericoides			
430.		Hibbertia racemosa (Stalked Guinea Flower)			
432.		Hibbertia sericosepala			
433.		Hibbertia striata			
434.		Hibbertia subvaginata			
435.		Hieraaetus morphnoides (Little Eagle)			
436.		Himantopus himantopus (Black-winged Stilt)			
437.	24491	Hirundo neoxena (Welcome Swallow)			
438.	445	Holcus setiger (Annual Fog)	Y		
439.	6222	Homalosciadium homalocarpum			
440.	26946	Hormophysa cuneiformis			
441.		Hovea pungens (Devil's Pins, Puyenak)			
442.		Hovea trisperma var. trisperma			
443.	12741	Hyalosperma cotula	S. 12		
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	Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
444.		Hybanthus calycinus (Wild Violet)			
445.		Hydrocotyle callicarpa (Small Pennywort)			
446. 447.		Hydrocotyle diantha			
447.		Hydrocotyle hispidula Hydrophis platurus (Yellow-bellied Seasnake)			
449.		Hypnea musciformis			
450.		Hypocalymma robustum (Swan River Myrtle)			
451.	8086	Hypochaeris glabra (Smooth Catsear)	Y		
452.	1070	Hypolaena exsulca			
453.		Idiommata blackwalli			
454.	040	Indolpium sp.			
455. 456.		Isolepis cernua (Nodding Club-rush) Isolepis marginata (Coarse Club-rush)			
457.		Isolepis producta			
458.		Isopeda leishmanni			
459.	7398	Isotoma pusilla (Small Isotome)			
460.	3992	Isotropis cuneifolia (Granny Bonnets)			
461.		Jacksonia calcicola			
462.		Jacksonia floribunda (Holly Pea)			
463. 464.		Jacksonia sternbergiana (Stinkwood, Kapur) Kennedia prostrata (Scarlet Runner)			
465.		Kuetzingia canaliculata			
466.		Kunzea glabrescens (Spearwood)			
467.	16091	Lachenalia bulbifera	Y		
468.		Lachnagrostis filiformis			
469.		Lactuca serriola (Prickly Lettuce)	Y		
470.		Lagurus ovatus (Hare's Tail Grass)	Y		
471. 472.	24307	Lalage tricolor (White-winged Triller) Lampona cylindrata			
473.	28342	Landoltia punctata (Thin Duckweed)			
474.		Larus novaehollandiae subsp. novaehollandiae (Silver Gull)			
475.	25638	Larus pacificus (Pacific Gull)			
476.		Latrodectus hasseltii			
477.		Laurencia brongniartii			
478. 479.		Laurencia filiformis Laxmannia ramosa subsp. ramosa			
479.		Laxmannia squarrosa			
481.		Lechenaultia floribunda (Free-flowering Leschenaultia)			
482.	7580	Lechenaultia linarioides (Yellow Leschenaultia)			
483.	1075	Lepidobolus preissianus			
484.		Lepidosperma angustatum			
485. 486.		Lepidosperma calcicola			
480.		Lepidosperma scabrum Lepidosperma squamatum			
488.		Lepidosperma striatum			
489.	1653	Leporella fimbriata (Hare Orchid)			
490.	1080	Leptocarpus scariosus			
491.		Leptomeria empetriformis			
492. 493.		Leptomeria preissiana Leptorhynchos scaber (Lanky Buttons)			
493.		Leptospermum laevigatum (Coast Teatree)	Y		
495.		Leptospermum spinescens	·		
496.		Lepyrodia muirii			
497.	25131	Lerista distinguenda			
498.		Lerista elegans			
499.		Lerista lineopunctulata			
500. 501.		Lerista praepedita Leucopogon conostephioides			
501.		Leucopogon oxycedrus			
503.		Leucopogon parviflorus (Coast Beard-heath)			
504.		Leucopogon polymorphus			
505.	6436	Leucopogon propinquus			
506.		Leucopogon squarrosus subsp. squarrosus			
507.		Levenhookia stipitata (Common Stylewort)			
508. 509.		Lialis burtonis Lichenostomus leucotis (White-eared Honeyeater)			
509. 510.		Lichenostomus leucotis (white-eared Honeyeater) Lichmera indistincta (Brown Honeyeater)			
511.		Limnodynastes dorsalis (Western Banjo Frog)			
512.		Litoria adelaidensis (Slender Tree Frog)			
513.	25388	Litoria moorei (Motorbike Frog)		_	
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	Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
514.	7408	Lobelia tenuior (Slender Lobelia)			
515.	8682	Lolium Ioliaceum (Stiff Ryegrass)	Y		
516.		Lolium multiflorum (Italian Ryegrass)	Y		
517.		Lomandra caespitosa (Tufted Mat Rush)			
518.		Lomandra hermaphrodita			
519. 520.		Lomandra maritima Lomandra micrantha (Small-flower Mat-rush)			
521.		Lomandra micrantha subsp. micrantha			
522.		Lomandra nigricans			
523.		Lomandra preissii			
524.	1243	Lomandra sericea (Silky Mat Rush)			
525.	1246	Lomandra suaveolens			
526.		Lophoictinia isura			
527.	4066	Lupinus cosentinii	Y		
528.	1097	Lyginia barbata			
529.	6456	Lysinema ciliatum (Curry Flower)			
530.		Lysinema pentapetalum			
531.		Macarthuria australis			
532.		Macropus fuliginosus (Western Grey Kangaroo)			
533.		Macrozamia riedlei (Zamia, Djiridji)			
534.		Malurus lamberti (Variegated Fairy-wren)			
535. 536		Malurus lamberti subsp. assimilis (Variegated Fairy-wren)			
536. 537.		Malurus leucopterus (White-winged Fairy-wren) Malurus splendens (Splendid Fairy-wren)			
537.		Malurus spiendens (Spiendia Pairy-wren) Malurus spiendens subsp. spiendens (Spiendid Fairy-wren)			
538.		Manorina flavigula (Yellow-throated Miner)			
540.	24000	Maratus pavonis			
541.		Masasteron sampeyae			
542.	4075	Medicago littoralis (Strand Medic)	Y		
543.		Medicago polymorpha (Burr Medic)	Y		
544.	25758	Megalurus gramineus (Little Grassbird)			
545.	5887	Melaleuca cardiophylla (Tangling Melaleuca)			
546.	5920	Melaleuca huegelii (Chenille Honeymyrtle)			
547.	13271	Melaleuca huegelii subsp. huegelii			
548.	5952	Melaleuca preissiana (Moonah)			
549.	5964	Melaleuca seriata			
550.		Melaleuca systema			
551.		Melaleuca teretifolia (Banbar)			
552.		Melaleuca trichophylla			
553.		Melaleuca urceolaris			
554.		Melithreptus brevirostris (Brown-headed Honeyeater)			
555. 556.		Menetia greyii Merops ornatus (Rainbow Bee-eater)			
557.		Mesomelaena pseudostygia			
558.		Metagoniolithon radiatum			
559.		Meuschenia freycineti			
560.		Microcarbo melanoleucos			
561.	25693	Microeca fascinans (Jacky Winter)			
562.		Microlaena stipoides (Weeping Grass)			
563.	15419	Microtis media subsp. media			
564.	8106	Millotia tenuifolia (Soft Millotia)			
565.	16693	Minuartia mediterranea	Y		
566.		Missulena occatoria			
567.		Monotaxis occidentalis			
568.		Morelia spilota subsp. imbricata (Carpet Python)			
569.		Morethia lineoocellata			
570.		Morethia obscura			
571.		Morus serrator (Australasian Gannet)			
572.		Mus musculus (House Mouse)	Y		
573. 574.		Myiagra inquieta (Restless Flycatcher) Myobatrachus gouldii (Turtle Frog)			
574.		Myoporum insulare (Blueberry Tree, boobialla)			
575. 576.		Myriophyllum drummondii			
577.		Myriophyllum tillaeoides			
578.		Neelaps bimaculatus (Black-naped Snake)			
579.		Neophema elegans (Elegant Parrot)			
580.		Nephila edulis			
581.	25252	Notechis scutatus (Tiger Snake)			
582.		Nuytsia floribunda (Christmas Tree, Mudja)			
583.	25564	Nycticorax caledonicus (Rufous Night Heron)			
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	Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
584.	24194	Nyctophilus geoffroyi (Lesser Long-eared Bat)			
585.		Occiperipatoides gilesii			
586.	24407	Ocyphaps lophotes (Crested Pigeon)			
587. 588.		Odax cyanomelas Oecobius navus			
589.	8127	Olearia axillaris (Coastal Daisybush)			
590.		Olearia lehmanniana			
591.		Ommatoiulus moreletii			
592.	18255	Opercularia vaginata (Dog Weed)			
593.		Oratemnus curtus			
594.		Ornduffia albiflora			
595.		Orobanche minor (Lesser Broomrape)	Y		
596. 597.		Orthrosanthus laxus (Morning Iris) Orthrosanthus laxus var. laxus (Morning Iris)			
598.		Oryctolagus cuniculus (Rabbit)	Y		
599.		Ovis aries (Sheep)			
600.	4356	Oxalis pes-caprae (Soursob)	Y		
601.	25680	Pachycephala rufiventris (Rufous Whistler)			
602.	24624	Pachycephala rufiventris subsp. rufiventris (Rufous Whistler)			
603.		Pachysaga munggai (cricket)			
604. 605.	1667	Paracaleana nigrita (Flying Duck Orchid)			
606.	25253	Paraplectanoides crassipes Parasuta gouldii			
607.		Pardalotus punctatus (Spotted Pardalote)			
608.		Pardalotus striatus (Striated Pardalote)			
609.	1550	Patersonia occidentalis (Purple Flag, Koma)			
610.	4343	Pelargonium capitatum (Rose Pelargonium)	Y		
611.		Pelargonium littorale			
612.		Pelecanus conspicillatus (Australian Pelican)			
613. 614.		Persoonia comata Persoonia saccata (Snottygobble)			
615.		Petaurus breviceps subsp. ariel (Sugar Glider)			
616.		Petrochelidon nigricans (Tree Martin)			
617.	48066	Petroica boodang (Scarlet Robin)			
618.	24659	Petroica goodenovii (Red-capped Robin)			
619.		Petrophile axillaris			
620.		Petrophile brevifolia			
621. 622.		Petrophile linearis (Pixie Mops) Petrophile macrostachya			
623.		Petrophile serruriae			
624.		Phalacrocorax carbo (Great Cormorant)			
625.	25698	Phalacrocorax melanoleucos (Little Pied Cormorant)			
626.	24667	Phalacrocorax sulcirostris (Little Black Cormorant)			
627.		Phalacrocorax varius (Pied Cormorant)			
628. 629.		Phaps chalcoptera (Common Bronzewing)			
629.		Philotheca spicata (Pepper and Salt) Phlebocarya ciliata			
631.		Pholcus phalangioides			
632.		Pholiota communis			
633.	48071	Phylidonyris niger (White-cheeked Honeyeater)			
634.		Phylidonyris novaehollandiae (New Holland Honeyeater)			
635.		Phyllangium paradoxum			
636. 637.		Phyllanthus calycinus (False Boronia) Physarum viride			
638.		Phytolacca octandra (Red Ink Plant)	Y		
639.		Phytophthora cinnamomi	•		
640.		Pimelea argentea (Silvery Leaved Pimelea)			
641.	5243	Pimelea ferruginea			
642.	18117	Pimelea rosea subsp. rosea			
643.		Pimelea sulphurea (Yellow Banjine)			
644.	5272	Pimelea villifera			
645. 646.	10001	Pinkfloydia harveii Pithocarpa cordata			
646.		Platalea flavipes (Yellow-billed Spoonbill)			
648.		Platoma cyclocolpum			
649.		Platycercus icterotis (Western Rosella)			
650.	24747	Platycercus spurius (Red-capped Parrot)			
651.		Platycercus zonarius (Australian Ringneck, Ring-necked Parrot)			
652.		Platycercus zonarius subsp. semitorquatus (Twenty-eight Parrot)			
653.	4524	Platytheca galioides			

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	Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Quer Area
654.		Pletholax gracilis subsp. gracilis (Keeled Legless Lizard)			
655.		Poa annua (Winter Grass)	Y		
656.		Poa drummondiana (Knotted Poa)			
657.		Poa porphyroclados			
658.		Podargus strigoides (Tawny Frogmouth)			
659.		Podiceps cristatus (Great Crested Grebe)			
660.		Podolepis gracilis (Slender Podolepis)			
661.		Podolepis lessonii			
662.		Podotheca angustifolia (Sticky Longheads)			
663.		Podotheca chrysantha (Yellow Podotheca)			
664.	8184	Podotheca gnaphalioides (Golden Long-heads)			
665.	25510	Pogona minor (Dwarf Bearded Dragon)			
666.	24907	Pogona minor subsp. minor (Dwarf Bearded Dragon)			
667.	24681	Poliocephalus poliocephalus (Hoary-headed Grebe)			
668.	25722	Polytelis anthopeplus (Regent Parrot)			
669.	4691	Poranthera microphylla (Small Poranthera)			
670.		Poronia erici			
671.	25731	Porphyrio porphyrio (Purple Swamphen)			
672.	24767	Porphyrio porphyrio subsp. bellus (Purple Swamphen)			
673.	24770	Porzana pusilla subsp. palustris (Baillon's Crake)			
674.	24771	Porzana tabuensis (Spotless Crake)			
675.	1672	Prasophyllum fimbria (Fringed Leek Orchid)			
676.		Protochelifer cavernarum			
677.	25261	Pseudechis australis (Mulga Snake)			
678.	25511	Pseudonaja affinis (Dugite)			
679.	25259	Pseudonaja affinis subsp. affinis (Dugite)			
680.	25433	Pseudophryne guentheri (Crawling Toadlet)			
681.		Pterostylis aff. nana			
682.	17267	Pterostylis brevisepala			
683.	1693	Pterostylis recurva (Jug Orchid)			
684.	12217	Pterostylis sanguinea			
685.		Pterostylis vittata (Banded Greenhood)			
686.		Ptilotus drummondii (Narrowleaf Mulla Mulla)			
687.		Ptilotus drummondii var. drummondii (Pussytail)			
688.		Ptilotus manglesii (Pom Poms, Mulamula)			
689.		Ptilotus polystachyus (Prince of Wales Feather)			
690.		Ptilotus stirlingii subsp. stirlingii			
691.		Purpureicephalus spurius			
692.	25008	Pygopus lepidopodus (Common Scaly Foot)			
693.		Quinetia urvillei			
694.		Ramaria gracilis			
695.		Raphanus raphanistrum (Wild Radish)	Y		
696.		Rattus fuscipes (Western Bush Rat)			
697.		Rattus rattus (Black Rat)	Y		
698.		Raveniella arenacea			
699.		Raveniella cirrata			
700.		Raveniella peckorum			
701.	24776	Recurvirostra novaehollandiae (Red-necked Avocet)			
701.		Regelia ciliata			
702.		Rhagodia baccata (Berry Saltbush)			
703.		Rhagodia baccata subsp. baccata			
704.		Rhipidura albiscapa (Grey Fantail)			
705. 706.		Rhipidura leucophrys (Willie Wagtail)			
706.					
		Rhodanthe corymbosa			
708.		Rhodanthe pyrethrum	V		
709.		Romulea rosea (Guildford Grass)	Y		
710.		Rytidosperma occidentale			
711.		Sagina apetala (Annual Pearlwort)	Y		
712.		Santalum acuminatum (Quandong, Warnga)			
713.		Sargassum distichum			
714.		Sargassum linearifolium			
715.		Sargassum tristichum			
716.		Sargassum vestitum			
717.		Scaevola canescens (Grey Scaevola)			
718.	7606	Scaevola crassifolia (Thick-leaved Fan-flower)			
719.		Scaevola repens var. repens			
720.	13152	Scaevola thesioides subsp. thesioides			
721.		Schizophyllum commune			
722.	973	Schoenus asperocarpus (Poison Sedge)			
		Schoenus caespititius			
723.	979	Schoenus caesphilius			

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724.	982	Schoenus clandestinus			
725.	984	Schoenus curvifolius			
726.	985	Schoenus discifer			
727.		Schoenus grandiflorus (Large Flowered Bogrush)			
728.		Schoenus Ianatus (Woolly Bog-rush)			
729. 730.		Schoenus nanus (Tiny Bog Rush)			
730.		Schoenus odontocarpus Schoenus subfascicularis			
732.		Schoenus tenellus			
733.		Sericornis frontalis (White-browed Scrubwren)			
734.		Seriola lalandi			
735.	2909	Silene gallica (French Catchfly)	Y		
736.	2910	Silene nocturna (Mediterranean Catchfly)	Y		
737.		Siloxerus humifusus (Procumbent Siloxerus)			
738.		Simoselaps bertholdi (Jan's Banded Snake)			
739.		Sirophysalis trinodis			
740. 741.		Smicrornis brevirostris (Weebill)	Y		
741.		Solanum americanum (Glossy Nightshade) Solanum nigrum (Black Berry Nightshade)	Y		
743.		Sonchus asper (Rough Sowthistle)	Y		
744.		Sonchus hydrophilus (Native Sowthistle)	•		
745.		Sonchus oleraceus (Common Sowthistle)	Y		
746.	1312	Sowerbaea laxiflora (Purple Tassels)			
747.	1558	Sparaxis bulbifera	Y		
748.	4207	Sphaerolobium medium			
749.		Spyridium globulosum (Basket Bush)			
750.		Stachystemon axillaris (Leafy Stachystemon)			
751. 752.		Stackhousia monogyna Stackhousia pubascaps (Downy Stackhousia)			
752.		Stackhousia pubescens (Downy Stackhousia) Stellaria media (Chickweed)	Y		
754.		Stenopetalum robustum	•		
755.		Stirlingia latifolia (Blueboy)			
756.	25597	Strepera versicolor (Grey Currawong)			
757.	25589	Streptopelia chinensis (Spotted Turtle-Dove)	Y		
758.	25590	Streptopelia senegalensis (Laughing Turtle-Dove)	Y		
759.	25518	Strophurus spinigerus			
760.		Strophurus spinigerus subsp. inornatus			
761.		Strophurus spinigerus subsp. spinigerus			
762.		Stylidium androsaceum			
763. 764.		Stylidium araeophyllum (Stilt Walker) Stylidium brunonianum (Pink Fountain Triggerplant)			
765.		Stylidium calcaratum (Book Triggerplant)			
766.		Stylidium crossocephalum (Posy Triggerplant)			
767.		Stylidium cygnorum			
768.	7716	Stylidium diuroides (Donkey Triggerplant)			
769.	7717	Stylidium divaricatum (Daddy-long-legs)			
770.	7745	Stylidium junceum (Reed Triggerplant)			
771.		Stylidium neurophyllum (Coastal Plain Triggerplant)			
772.		Stylidium piliferum (Common Butterfly Triggerplant)			
773.		Stylidium repens (Matted Triggerplant)			
774. 775.		Stylidium rigidulum Stylidium schoenoides (Cow Kicks)			
776.		Stylidium utricularioides (Pink Fan Triggerplant)			
777.		Stypandra glauca (Blind Grass)			
778.		Synaphea spinulosa subsp. spinulosa			
779.		Tachybaptus novaehollandiae (Australasian Grebe, Black-throated Grebe)			
780.	24682	Tachybaptus novaehollandiae subsp. novaehollandiae (Australasian Grebe, Black- throated Grebe)			
781.	24207	Tachyglossus aculeatus (Short-beaked Echidna)			
782.	24331	Tadorna tadornoides (Australian Shelduck, Mountain Duck)			
783.		Taphiassa robertsi			
784.	24167	Tarsipes rostratus (Honey Possum, Noolbenger)			
785.	4050	Tasmanicosa leuckartii			
786. 787.		Templetonia retusa (Cockies Tongues)	Y		
787. 788.		Tetragonia decumbens (Sea Spinach) Tetraria octandra	Ť		
789.		Thelymitra campanulata (Shirt Orchid)			
790.		Thomasia triphylla			
791.		Threskiornis spinicollis (Straw-necked Ibis)			
792.	1338	Thysanotus manglesianus (Fringed Lily)			
reMap is a collabo	prative project of t	he Department of Biodiversity, Conservation and Attractions and the Western Australian Museum.	Departme Conserv	ent of Biodiversity, ation and Attractions	
			WESTERN AUSTRALIA		MUSEUM

WESTERN AUSTRALIAN MUSEUM

Name ID Species Name

Naturalised	Conservation Code	¹ Endemic To Query Area
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				 Area
793.	1339	Thysanotus multiflorus (Many-flowered Fringe Lily)		
794.	1343	Thysanotus patersonii		
795.	1351	Thysanotus sparteus		
796.	1357	Thysanotus thyrsoideus		
797.	25203	Tiliqua occipitalis (Western Bluetongue)		
798.	25519	Tiliqua rugosa		
799.		Tiliqua rugosa subsp. aspera		
800.		Tiliqua rugosa subsp. rugosa		
801.		Todiramphus sanctus (Sacred Kingfisher)		
802.		Trachymene pilosa (Native Parsnip)		
803.		Trichia affinis		
804.		Trichia favoginea		
805.		-		
		Trichia persimilis		
806.		Trichoglossus haematodus (Rainbow Lorikeet)		
807.		Trichosurus vulpecula (Common Brushtail Possum)		
808.		Trichosurus vulpecula subsp. vulpecula (Common Brushtail Possum)		
809.		Tricoryne elatior (Yellow Autumn Lily)		
810.	1363	Tricoryne tenella		
811.	4292	Trifolium campestre (Hop Clover)	Y	
812.	17763	Trifolium campestre var. campestre (Hop Clover)	Y	
813.	4295	Trifolium dubium (Suckling Clover)	Y	
814.	4297	Trifolium glomeratum (Cluster Clover)	Y	
815.	4309	Trifolium scabrum (Rough Clover)	Y	
816.	152	Triglochin trichophora		
817.	4737	Tripterococcus brunonis (Winged Stackhousia)		
818.	1141	Trithuria submersa		
819.	25762	Tyto alba (Barn Owl)		
820.		Upeneichthys stotti		
821.		Urodacus novaehollandiae		
822.	8254	Urospermum picroides (False Hawkbit)	Y	
823.		Ursinia anthemoides (Ursinia)	Y	
824.		Ursinia anthemoides subsp. anthemoides	Y	
825.		Utricularia tenella		
826.		Utricularia violacea (Violet Bladderwort)		
827.		Varanus gouldii (Bungarra or Sand Monitor)		
828.		Varanus tristis (Racehorse Monitor)		
	23320	Venator immansueta		
829.				
830.	45705	Venatrix pullastra	X	
831.		Verbesina encelioides	Y	
832.		Verticordia densiflora var. densiflora		
833.		Verticordia nitens (Morrison Featherflower, Kodjeningara)		
834.	4322	Vicia sativa (Common Vetch)	Y	
835.		Vicia sativa subsp. nigra	Y	
836.		Viminaria juncea (Swishbush, Koweda)		
837.	24040	Vulpes vulpes (Red Fox)	Y	
838.	724	Vulpia myuros (Rat's Tail Fescue)	Y	
839.	7389	Wahlenbergia preissii		
840.	8282	Waitzia suaveolens (Fragrant Waitzia)		
0.101				
841.		Washingtonia filifera	Y	
		Washingtonia filifera Westrarchaea spinosa	Y	
841.	17910	•	Y	
841. 842.	17910 1256	Westrarchaea spinosa	Y	

Conservation Codes T - Rate or likely to bacome extinct X - Preventee extinct IA - Province duringer international agreement S - Other treecially protected fauna 1 - Priority 2 - Priority 7 3 - Priority 4 5 - Priority 5

¹ For NatureMap's purposes, species flagged as endemic are those whose records are wholely contained within the search area. Note that only those records complying with the search criterion are included in the calculation. For example, if you limit records to those from a specific datasource, only records from that datasource are used to determine if a species is restricted to the query area.



APPENDIX 3

Protected Matters Search Tool Report



Australian Government

Department of Agriculture, Water and the Environment

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.

Information on the coverage of this report and qualifications on data supporting this report are contained in the caveat at the end of the report.

Information is available about Environment Assessments and the EPBC Act including significance guidelines, forms and application process details.

Report created: 22/12/20 12:58:27

Summary Details Matters of NES Other Matters Protected by the EPBC Act Extra Information Caveat **Acknowledgements**



This map may contain data which are ©Commonwealth of Australia (Geoscience Australia), ©PSMA 2015

Coordinates	
Buffer: 5.0Km	



Matters of National Environmental 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:	None
Great Barrier Reef Marine Park:	None
Commonwealth Marine Area:	None
Listed Threatened Ecological Communities:	2
Listed Threatened Species:	20
Listed Migratory Species:	10

Other Matters Protected by the EPBC Act

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

The EPBC Act protects the environment on Commonwealth land, the environment from the actions taken on Commonwealth land, and the environment from actions taken by Commonwealth agencies. As heritage values of a place are part of the 'environment', these aspects of the EPBC Act protect the Commonwealth Heritage values of a Commonwealth Heritage place. Information on the new heritage laws can be found at 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 Land:	1
Commonwealth Heritage Places:	None
Listed Marine Species:	15
Whales and Other Cetaceans:	None
Critical Habitats:	None
Commonwealth Reserves Terrestrial:	None
Australian Marine Parks:	None

Extra Information

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

State and Territory Reserves:	2
Regional Forest Agreements:	None
Invasive Species:	35
Nationally Important Wetlands:	None
<u>Key Ecological Features (Marine)</u>	None

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.

Name	Status	Type of Presence
Banksia Woodlands of the Swan Coastal Plain	Endangered	Community likely to occur
ecological community	.	within area
Tuart (Eucalyptus gomphocephala) Woodlands and	Critically Endangered	Community likely to occur
Forests of the Swan Coastal Plain ecological community		within area
<u>community</u>		
Listed Threatened Species		[Resource Information]
Name	Status	Type of Presence
Birds		
Calidris canutus		
Red Knot, Knot [855]	Endangered	Species or species habitat may occur within area
Calidris ferruginea		
Curlew Sandpiper [856]	Critically Endangered	Species or species habitat
		likely to occur within area
Calyptorhynchus banksii naso		
Forest Red-tailed Black-Cockatoo, Karrak [67034]	Vulnerable	Species or species habitat
	Valiforabio	likely to occur within area
		,
Calyptorhynchus latirostris		
Carnaby's Cockatoo, Short-billed Black-Cockatoo	Endangered	Species or species habitat
[59523]		known to occur within area
Leipoa ocellata		
Malleefowl [934]	Vulnerable	Species or species habitat
		likely to occur within area
Numenius madagascariensis		
Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat
		may occur within area
Rostratula australis		
Australian Painted Snipe [77037]	Endangered	Species or species habitat
	C C	likely to occur within area
Sternula nereis nereis	V (
Australian Fairy Tern [82950]	Vulnerable	Species or species habitat
		may occur within area
Insects		
Hesperocolletes douglasi		
Douglas' Broad-headed Bee, Rottnest Bee [66734]	Critically Endangered	Species or species habitat
		may occur within area
Mammals		
iviai i i i i al i		

Name	Status	Type of Presence
Dasyurus geoffroii Chuditch Western Quell [330]	Vulnerable	Spacios or spacios habitat
Chuditch, Western Quoll [330]	VUITETADIE	Species or species habitat likely to occur within area
Plants		
Andersonia gracilis		
Slender Andersonia [14470]	Endangered	Species or species habitat may occur within area
Anigozanthos viridis subsp. terraspectans		
Dwarf Green Kangaroo Paw [3435]	Vulnerable	Species or species habitat
		may occur within area
<u>Caladenia huegelii</u> King Spider-orchid, Grand Spider-orchid, Rusty	Endangered	Species or species habitat
Spider-orchid [7309]	Lindingorod	may occur within area
Diuris micrantha		
Dwarf Bee-orchid [55082]	Vulnerable	Species or species habitat likely to occur within area
Division		intery to occur within area
<u>Diuris purdiei</u> Purdie's Donkey-orchid [12950]	Endangered	Species or species habitat
	Lindangorod	may occur within area
Drakaea elastica		
Glossy-leafed Hammer Orchid, Glossy-leaved Hammer Orchid, Warty Hammer Orchid [16753]	Endangered	Species or species habitat likely to occur within area
		incity to occur within area
<u>Drakaea micrantha</u> Dwarf Hammer-orchid [56755]	Vulnerable	Species or species habitat
	Vuinerable	may occur within area
Eleocharis keigheryi		
Keighery's Eleocharis [64893]	Vulnerable	Species or species habitat
		may occur within area
Eucalyptus argutifolia Xanahan Mallaa, Wahling Hill Mallaa (24262)	Vulporoble	Province or province habitat
Yanchep Mallee, Wabling Hill Mallee [24263]	Vulnerable	Species or species habitat known to occur within area
<u>Melaleuca sp. Wanneroo (G.J. Keighery 16705)</u>		
[89456]	Endangered	Species or species habitat
		known to occur within area
Listed Migratory Species		[Resource Information]
* Species is listed under a different scientific name on t		Species list.
Name Migratory Marine Birds	Threatened	Type of Presence
Migratory Marine Birds <u>Apus pacificus</u>		
Fork-tailed Swift [678]		Species or species habitat
		likely to occur within area
Migratory Terrestrial Species		
Motacilla cinerea Grey Wagtail [642]		Species or species habitat
, , , , ,		may occur within area
Migratory Wetlands Species		
Actitis hypoleucos Common Sandpiper [59309]		Species or species habitat
Common Sandhhei [59209]		Species or species habitat likely to occur within area
Calidris acuminata		
Sharp-tailed Sandpiper [874]		Species or species habitat
		likely to occur within area
Calidris canutus		.
Red Knot, Knot [855]	Endangered	Species or species habitat may occur within area

Name	Threatened	Type of Presence
Calidris ferruginea		
Curlew Sandpiper [856]	Critically Endangered	Species or species habitat likely to occur within area
Calidris melanotos		
Pectoral Sandpiper [858]		Species or species habitat may occur within area
Numenius madagascariensis		
Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat may occur within area
Pandion haliaetus		
Osprey [952]		Species or species habitat likely to occur within area
Tringa nebularia		
Common Greenshank, Greenshank [832]		Species or species habitat likely to occur within area

Other Matters Protected by the EPBC Act

Commonwealth Land [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.

Name Commonwealth Land -

Listed Marine Species	on the EDBC Act. Threatene	[Resource Information]
* Species is listed under a different scientific name Name	Threatened	Type of Presence
Birds		
Actitis hypoleucos		
Common Sandpiper [59309]		Species or species habitat likely to occur within area
Apus pacificus		
Fork-tailed Swift [678]		Species or species habitat likely to occur within area
Ardea alba		
Great Egret, White Egret [59541]		Species or species habitat known to occur within area
Ardea ibis		
Cattle Egret [59542]		Species or species habitat may occur within area
Calidris acuminata		
Sharp-tailed Sandpiper [874]		Species or species habitat likely to occur within area
Calidris canutus		
Red Knot, Knot [855]	Endangered	Species or species habitat may occur within area
Calidris ferruginea		
Curlew Sandpiper [856]	Critically Endangered	Species or species habitat likely to occur within area
Calidris melanotos		
Pectoral Sandpiper [858]		Species or species habitat may occur within area
Haliaeetus leucogaster		

White-bellied Sea-Eagle [943]

Species or species

Name	Threatened	Type of Presence
		habitat likely to occur within area
Merops ornatus		alca
Rainbow Bee-eater [670]		Species or species habitat may occur within area
Motacilla cinerea		
Grey Wagtail [642]		Species or species habitat may occur within area
Numenius madagascariensis		
Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat may occur within area
Pandion haliaetus		
Osprey [952]		Species or species habitat likely to occur within area
Rostratula benghalensis (sensu lato)		
Painted Snipe [889]	Endangered*	Species or species habitat likely to occur within area
Tringa nebularia		
Common Greenshank, Greenshank [832]		Species or species habitat likely to occur within area

Extra Information

State and Territory Reserves	[Resource Information]
Name	State
Neerabup	WA
Neerabup	WA

Invasive Species

Weeds reported here are the 20 species of national significance (WoNS), along with other introduced plants that are considered by the States and Territories to pose a particularly significant threat to biodiversity. The following feral animals are reported: Goat, Red Fox, Cat, Rabbit, Pig, Water Buffalo and Cane Toad. Maps from Landscape Health Project, National Land and Water Resouces Audit, 2001.

[Resource Information]

Name	Status	Type of Presence			
Birds					
Acridotheres tristis					
Common Myna, Indian Myna [387]		Species or species habitat likely to occur within area			
Anas platyrhynchos					
Mallard [974]		Species or species habitat likely to occur within area			
Carduelis carduelis					
European Goldfinch [403]		Species or species habitat likely to occur within area			
Columba livia					
Rock Pigeon, Rock Dove, Domestic Pigeon [803]		Species or species habitat likely to occur within area			
Passer domesticus					
House Sparrow [405]		Species or species habitat likely to occur			

Name

Passer montanus Eurasian Tree Sparrow [406]

Streptopelia chinensis Spotted Turtle-Dove [780]

Streptopelia senegalensis Laughing Turtle-dove, Laughing Dove [781]

Sturnus vulgaris Common Starling [389]

Mammals

Bos taurus Domestic Cattle [16]

Canis lupus familiaris Domestic Dog [82654]

Felis catus Cat, House Cat, Domestic Cat [19]

Funambulus pennantii Northern Palm Squirrel, Five-striped Palm Squirrel [129]

Mus musculus House Mouse [120]

Oryctolagus cuniculus Rabbit, European Rabbit [128]

Rattus norvegicus Brown Rat, Norway Rat [83]

Rattus rattus Black Rat, Ship Rat [84]

Vulpes vulpes Red Fox, Fox [18]

Plants

Asparagus aethiopicus Asparagus Fern, Ground Asparagus, Basket Fern, Sprengi's Fern, Bushy Asparagus, Emerald Asparagus [62425] Asparagus asparagoides Bridal Creeper, Bridal Veil Creeper, Smilax, Florist's Smilax, Smilax Asparagus [22473]

Brachiaria mutica Para Grass [5879]

Cenchrus ciliaris Buffel-grass, Black Buffel-grass [20213]

Chrysanthemoides monilifera Bitou Bush, Boneseed [18983] Status

Type of Presence within area

Species or species habitat likely to occur within area

Species or species habitat likely to occur within area

Species or species habitat likely to occur within area

Species or species habitat likely to occur within area

Species or species habitat likely to occur within area

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Species or species habitat likely to occur within area

Species or species habitat likely to occur within area

Species or species habitat likely to occur within area

Species or species habitat may occur within area

Species or species habitat may occur within area

Species or species

Name	Status	Type of Presence
		habitat may occur within
		area
Chrysanthemoides monilifera subsp. monilifera Boneseed [16905]		Species or species habitat
Bolleseed [10905]		likely to occur within area
Genista linifolia		
Flax-leaved Broom, Mediterranean Broom, Flax Broor	n	Species or species habitat
[2800]		likely to occur within area
Genista sp. X Genista monspessulana		
Broom [67538]		Species or species habitat
		may occur within area
Lantana camara		
Lantana, Common Lantana, Kamara Lantana, Large-		Species or species habitat
leaf Lantana, Pink Flowered Lantana, Red Flowered		likely to occur within area
Lantana, Red-Flowered Sage, White Sage, Wild Sage)	
[10892]		
Lycium ferocissimum African Boxthorn, Boxthorn [19235]		Species or species habitat
Ancar Boxmon, Boxmon [19235]		likely to occur within area
		,
Olea europaea		0
Olive, Common Olive [9160]		Species or species habitat may occur within area
		may occur within area
Pinus radiata		
Radiata Pine Monterey Pine, Insignis Pine, Wilding		Species or species habitat
Pine [20780]		may occur within area
Rubus fruticosus aggregate		
Blackberry, European Blackberry [68406]		Species or species habitat
		likely to occur within area
Salix spp. except S.babylonica, S.x calodendron & S.	creichardtii	
Willows except Weeping Willow, Pussy Willow and		Species or species habitat
Sterile Pussy Willow [68497]		likely to occur within area
Salvinia malasta		
Salvinia molesta Salvinia, Giant Salvinia, Aquarium Watermoss, Kariba		Species or species habitat
Weed [13665]		likely to occur within area
		,
Tamarix aphylla		
Athel Pine, Athel Tree, Tamarisk, Athel Tamarisk, Athel Tamarix, Desert Tamarisk, Flowering Cypress,		Species or species habitat likely to occur within area
Salt Cedar [16018]		
Reptiles		
Hemidactylus frenatus		.
Asian House Gecko [1708]		Species or species habitat likely to occur within area

Caveat

The information presented in this report has been provided by a range of data sources as acknowledged at the end of the report.

This report is designed to assist in identifying the locations of places which may be relevant in determining obligations under the Environment Protection and Biodiversity Conservation Act 1999. It holds mapped locations of World and National Heritage properties, Wetlands of International and National Importance, Commonwealth and State/Territory reserves, listed threatened, migratory and marine species and listed threatened ecological communities. Mapping of Commonwealth land is not complete at this stage. Maps have been collated from a range of sources at various resolutions.

Not all species listed under the EPBC Act have been mapped (see below) and therefore a report is a general guide only. Where available data supports mapping, the type of presence that can be determined from the data is indicated in general terms. People using this information in making a referral may need to consider the qualifications below and may need to seek and consider other information sources.

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.

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

Where very little information is available for 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 reliable distribution mapping methods are used to update these distributions as time permits.

Only selected species covered by the following provisions of the EPBC Act have been mapped:

- migratory and

- marine

The following species and ecological communities have not been mapped and do not appear in reports produced from this database:

- threatened species listed as extinct or considered as vagrants
- some species and ecological communities that have only recently been listed
- some terrestrial species that overfly the Commonwealth marine area
- migratory species that are very widespread, vagrant, or only occur in small numbers

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

- non-threatened seabirds which have only been mapped for recorded breeding sites
- seals which have only been mapped for breeding sites near the Australian continent

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

Coordinates

-31.64587 115.76467

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 mediumterm 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 \leq 5 occurrences or a total area of \leq 100ha).

Occurrences are believed to be under threat either due to limited extent, or being on lands under immediate threat (e.g. within agricultural or pastoral lands, urban areas, active mineral leases) or for which current threats exist. May include communities with occurrences on protected lands. Communities may be included if they are comparatively well-known from one or more localities but do not meet adequacy of 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 \leq 10 occurrences or a total area of \leq 200ha). At least some occurrences are not believed to be under immediate threat (within approximately 10 years) of destruction or degradation. Communities may be included if they are comparatively well known from one or more localities but do not meet adequacy of 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 DBCA TEC/PEC Database Search

OCC_UNI QUE	COM_ID	COM_NAME	STATE_CATG	COMM_CATG	FIRST_S_ID	LAST_S_ID	BUFFER	BDY_ID	ORIG_FI D
368	SCP26a	Melaleuca huegelii - Melaleuca systena shrublands on limestone ridges (floristic community type 26a as originally described in Gibson et al. (1994))	Endangered		JP05	MYHADR02	500	211	115
367	SCP26a	Melaleuca huegelii - Melaleuca systena shrublands on limestone ridges (floristic community type 26a as originally described in Gibson et al. (1994))	Endangered		MYHADR01		500	213	117
602	SCP19b	Woodlands over sedgelands in Holocene dune swales of the southern Swan Coastal Plain (original description; Gibson et al. (1994).	Critically Endangered	Endangered	XYAN10		2000	214	118
727	SCP26a	Melaleuca huegelii - Melaleuca systena shrublands on limestone ridges (floristic community type 26a as originally described in Gibson et al. (1994))	Endangered		NEERABUP03		500	217	121
728	SCP26a	Melaleuca huegelii - Melaleuca systena shrublands on limestone ridges (floristic community type 26a as originally described in Gibson et al. (1994))	Endangered		NEERABUP04		500	218	122
729	SCP26a	Melaleuca huegelii - Melaleuca systena shrublands on limestone ridges (floristic community type 26a as originally described in Gibson et al. (1994))	Endangered		NEERABUP05		500	219	123
726	SCP26a	Melaleuca huegelii - Melaleuca systena shrublands on limestone ridges (floristic community type 26a as originally described in Gibson et al. (1994))	Endangered		NEERABUP02		500	220	124
725	SCP26a	Melaleuca huegelii - Melaleuca systena shrublands on limestone ridges (floristic community type 26a as originally described in Gibson et al. (1994))	Endangered		NEERABUP01		500	221	125
957	SCP26a	Melaleuca huegelii - Melaleuca systena shrublands on limestone ridges (floristic community type 26a as originally described in Gibson et al. (1994))	Endangered		butler01	butler02	500	223	127
758	SCP26a	Melaleuca huegelii - Melaleuca systena shrublands on limestone ridges (floristic community type 26a as originally described in Gibson et al. (1994))	Endangered		NEERABUP07		500	225	128
1838	SCP26a	Melaleuca huegelii - Melaleuca systena shrublands on limestone ridges (floristic community type 26a as originally described in Gibson et al. (1994))	Endangered		DAYRELL01	DAYRELL04	500	226	129
417	SCP26a	Melaleuca huegelii - Melaleuca systena shrublands on limestone ridges (floristic community type 26a as originally described in Gibson et al. (1994))	Endangered		SVH01		500	228	131
1871	SCP26a	Melaleuca huegelii - Melaleuca systena shrublands on limestone ridges (floristic community type 26a as originally described in Gibson et al. (1994))	Endangered		DAYRELL05		500	229	132
1898	SCP26a	Melaleuca huegelii - Melaleuca systena shrublands on limestone ridges (floristic community type 26a as originally described in Gibson et al. (1994))	Endangered		CARABOODA01		500	572	440
1899	SCP26a	Melaleuca huegelii - Melaleuca systena shrublands on limestone ridges (floristic community type 26a as originally described in Gibson et al. (1994))	Endangered		CARABOODA02		500	573	441
1893	SCP26a	Melaleuca huegelii - Melaleuca systena shrublands on limestone ridges (floristic community type 26a as originally described in Gibson et al. (1994))	Endangered		WATTLE01	WATTLE03	500	574	442
1889	SCP26a	Melaleuca huegelii - Melaleuca systena shrublands on limestone ridges (floristic community type 26a as originally described in Gibson et al. (1994))	Endangered		ONETREEHILL01	onetree01	500	575	443
1890	SCP26a	Melaleuca huegelii - Melaleuca systena shrublands on limestone ridges (floristic community type 26a as originally described in Gibson et al. (1994))	Endangered		ONETREEHILL02		500	604	467
1933	SCP26a	Melaleuca huegelii - Melaleuca systena shrublands on limestone ridges (floristic community type 26a as originally described in Gibson et al. (1994))	Endangered		ONETREEHILL03		500	605	468
1858	SCP26a	Melaleuca huegelii - Melaleuca systena shrublands on limestone ridges (floristic community type 26a as originally described in Gibson et al. (1994))	Endangered		Honey01	Honey04	500	607	470
191		Aquatic Root Mat Community Number 1 of Caves of the Swan Coastal Plain	Critically Endangered	Endangered	CABAR01		5000	882	718
190	CAVES SCP01	Aquatic Root Mat Community Number 1 of Caves of the Swan Coastal Plain	Critically Endangered	Endangered	YN99		5000	883	719
192	CAVES SCP01	Aquatic Root Mat Community Number 1 of Caves of the Swan Coastal Plain	Critically Endangered	Endangered	WATER01		5000	884	720
187	CAVES SCP01	Aquatic Root Mat Community Number 1 of Caves of the Swan Coastal Plain	Critically Endangered	Endangered	CARPK01		5000	885	721

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189	CAVES SCP01	Aquatic Root Mat Community Number 1 of Caves of the Swan Coastal Plain	Critically Endangered	Endangered	TWILGHT01		5000	886	722
188	CAVES SCP01	Aquatic Root Mat Community Number 1 of Caves of the Swan Coastal Plain	Critically Endangered	Endangered	GILGIE01		5000	887	723
1921	CAVES SCP01	Aquatic Root Mat Community Number 1 of Caves of the Swan Coastal Plain	Critically Endangered	Endangered	YN555		5000	888	724
2526	SCP20a	Banksia attenuata woodlands over species rich dense shrublands (floristic community type 20a as originally described in Gibson et al. (1994))	Endangered	Endangered	NeerabupEast		500	1137	919
2646	SCP24	Northern Spearwood shrublands and woodlands	Priority 3		Neer01		500	1386	1110
3615	SCP24	Northern Spearwood shrublands and woodlands	Priority 3		Neer_East_03		500	1387	1111
3614	SCP24	Northern Spearwood shrublands and woodlands	Priority 3		Neer_East_04		500	1388	1112
3616	SCP24	Northern Spearwood shrublands and woodlands	Priority 3		Neer_East_02		500	1389	1113
3611	SCP24	Northern Spearwood shrublands and woodlands	Priority 3		NEER07		500	1390	1114
2647	SCP24	Northern Spearwood shrublands and woodlands	Priority 3		Neer_East_01		500	1391	1115
3612	SCP24	Northern Spearwood shrublands and woodlands	Priority 3		NEER09	NEER10	500	1392	1116
3613	SCP24	Northern Spearwood shrublands and woodlands	Priority 3		NEER11		500	1473	1189
4022	SCP26a	Melaleuca huegelii - Melaleuca systena shrublands on limestone ridges (floristic community type 26a as originally described in Gibson et al. (1994))	Endangered		HOPKINSRD02	Hopkins02Photo	500	2070	1589
4025	SCP24	Northern Spearwood shrublands and woodlands	Priority 3		HOPKINSRD01		500	2071	1590
4023	SCP24	Northern Spearwood shrublands and woodlands	Priority 3		CUTLER02		500	2072	1591
4024	SCP24	Northern Spearwood shrublands and woodlands	Priority 3		CUTLER06		500	2073	1592
4026	SCP24	Northern Spearwood shrublands and woodlands	Priority 3		HOPKINSRD06		500	2074	1593
4058	SCP20a	Banksia attenuata woodlands over species rich dense shrublands (floristic community type 20a as originally described in Gibson et al. (1994))	Endangered	Endangered	MARIJINUP01		500	2091	1607
4066	SCP24	Northern Spearwood shrublands and woodlands	Priority 3		Neer East 06		500	2357	1869
		Melaleuca huegelii - Melaleuca systena shrublands on limestone ridges (floristic	,						
5112	SCP26a	community type 26a as originally described in Gibson et al. (1994))	Endangered		Nowergup01		500	2877	2455
		Melaleuca huegelii - Melaleuca systena shrublands on limestone ridges (floristic							
5113	SCP26a	community type 26a as originally described in Gibson et al. (1994))	Endangered		Nowergup02		500	2878	2456
5114	SCP26a	Melaleuca huegelii - Melaleuca systena shrublands on limestone ridges (floristic community type 26a as originally described in Gibson et al. (1994))	Endangered		Nowergup03		500	2879	2457
5228	SCP26a	Melaleuca huegelii - Melaleuca systena shrublands on limestone ridges (floristic community type 26a as originally described in Gibson et al. (1994))	Endangered		Flynn01		500	2911	2491
17227	SCP20a	Banksia attenuata woodlands over species rich dense shrublands (floristic community type 20a as originally described in Gibson et al. (1994))	Endangered	Endangered	JosephBanksBlvd		500	14908	14399
107262	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld01544		200	104261	16461
107267	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld01549		200	104266	16466
107269	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld01551		200	104268	16468
107291	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld01573		200	104290	16490
107310	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld01592		200	104309	16509
107341	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld01623		200	104340	16539
107377	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld01659		200	104376	16575
107456	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld01738		200	104455	16654
107462		Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld01744		200	104461	16660
107468	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld01750		200	104467	16666
107469	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld01751		200	104468	16667
107487	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld01769		200	104486	16685
107510	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld01792		200	104509	16708
	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld01804		200	104521	
20, 322							200	10.021	10,10

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107532	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld01814		200	104531	16730
107533	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld01815		200	104532	16731
107534	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld01816		200	104533	16732
107535	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld01817		200	104534	16733
107538	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld01820		200	104537	16736
107546	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld01828		200	104545	16743
107548	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld01830		200	104547	16745
107549	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld01831		200	104548	16746
107550	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld01832		200	104549	16747
107551	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld01833		200	104550	16748
107552	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld01834		200	104551	16749
107613	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld01895		200	104612	16809
107671	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld01953		200	104670	16867
107672	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld01954		200	104671	16868
107689	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld01971		200	104688	16885
107690	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld01972		200	104689	16886
115678	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld09960		200	112677	24869
115709	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld09991		200	112708	24900
117556	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld11838		200	114555	26745
117557	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld11839		200	114556	26746
117558	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld11840		200	114557	26747
117559	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld11841		200	114558	26748
117563	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld11845		200	114562	26752
117572	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld11854		200	114571	26761
117575	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld11857		200	114574	26764
117674	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld11956		200	114673	26863
117680	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld11962		200	114679	26869
117685	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld11967		200	114684	26874
117687	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld11969		200	114686	26876
117688	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld11970		200	114687	26877
117690	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld11972		200	114689	26879
117695	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld11977		200	114694	26884
117696	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld11978		200	114695	26885
117697	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld11979		200	114696	26886
117698	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld11980		200	114697	26887
117700	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld11982		200	114699	26889
117706	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld11988		200	114705	26895
117710	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld11992		200	114709	26899
117711	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld11993		200	114710	26900
117712	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld11994		200	114711	26901
117713	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld11995		200	114712	26902
117714	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld11996		200	114713	26903
117733	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12015		200	114732	26922
117734	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12016		200	114733	26923
117735	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12017		200	114734	26924
117736	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12018		200	114735	26925
117780	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12062		200	114779	26968
	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12065		200	114782	26971
117803	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12085		200	114802	26991

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QUE 117804	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12086		200	114803	D 26992
117804	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12097		200	114803 114814	20992
117813	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12099		200		27005
117817	Banksia WL SCP	•		•	BanksiaWld12099		200		
		Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered					
117839	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12121		200		
117840	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12122		200		
117850	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12132		200		27038
117851	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12133		200	114850	27039
117853	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12135		200	114852	
117871	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12153		200	114870	27059
117872	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12154		200	114871	
117881	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12163		200	114880	27069
117983	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12265		200	114982	
117984	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12266		200	114983	
117985	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12267		200	114984	
117986	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12268		200	114985	
117987	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12269		200	114986	
117988	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12270		200	114987	
117989	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12271		200	114988	27177
117990	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12272		200	114989	27178
117991	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12273		200	114990	27179
117992	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12274		200	114991	
117993	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12275		200	114992	27181
117994	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12276		200	114993	27182
117995	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12277		200	114994	27183
117996	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12278		200	114995	27184
117997	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12279		200	114996	27185
117998	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12280		200	114997	27186
117999	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12281		200	114998	27187
118000	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12282		200	114999	27188
118001	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12283		200	115000	27189
118002	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12284		200	115001	27190
118003	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12285		200	115002	27191
118004	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12286		200	115003	27192
118005	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12287		200	115004	27193
118006	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12288		200	115005	27194
118007	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12289		200	115006	27195
118008	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12290		200	115007	27196
118009	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12291		200	115008	27197
118010	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12292		200	115009	27198
118012	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12294		200	115011	27200
118013	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12295		200	115012	27201
118014	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12296		200	115013	27202
118015	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12297		200	115014	27203
118016	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12298		200	115015	27204
118017	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	, Priority 3	Endangered	BanksiaWld12299		200	115016	27205
118018	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	, Priority 3	Endangered	BanksiaWld12300		200	115017	27206
118019	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12301		200	115018	
118024	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12306		200	115023	
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	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12311		200	115028	27217
	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	, Priority 3	Endangered	BanksiaWld12312		200	115029	27218
118031	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12313		200	115030	27219
118032	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12314		200	115031	27220
118033	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12315		200	115032	27221
118034	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12316		200	115033	27222
118035	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12317		200	115034	27223
118036	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12318		200	115035	27224
118037	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12319		200	115036	27225
118038	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12320		200	115037	27226
118042	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12324		200	115041	27230
118062	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12344		200	115061	27250
118063	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12345		200	115062	27251
118071	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12353		200	115070	27259
118072	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12354		200	115071	27260
118073	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12355		200	115072	27261
118153	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12435		200	115152	27341
118154	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12436		200	115153	27342
118167	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12449		200	115166	27355
118178	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12460		200	115177	27366
118179	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12461		200	115178	27367
118197	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12479		200	115196	27385
118198	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12480		200	115197	27386
118199	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12481		200	115198	27387
118200	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12482		200	115199	27388
118201	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12483		200	115200	27389
118208	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12490		200	115207	27396
118209	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12491		200	115208	27397
118210	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12492		200	115209	27398
118211	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12493		200	115210	27399
118212	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12494		200	115211	27400
118213	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12495		200	115212	27401
118215	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12497		200	115214	27403
118216	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12498		200	115215	27404
	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12511		200	115228	
	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12513		200	115230	
118232	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12514		200	115231	
118233	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12515		200	115232	
118237	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12519		200	115236	
118311	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12593		200	115310	
118312	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12594		200	115311	
118313	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12595		200	115312	27501
	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12596		200	115313	
	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12597		200	115314	
	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12598		200	115315	
	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12599		200	115316	
	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12600		200	115317	
118319	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12601		200		27507
118320	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12602		200	115319	27508

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118321	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12603		200	115320	27509
118322	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12604		200	115321	27510
118323	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12605		200	115322	27511
118329	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12611		200	115328	27517
118339	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12621		200	115338	27527
118344	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12626		200	115343	27532
118345	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12627		200	115344	27533
118346	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12628		200	115345	27534
118347	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12629		200	115346	27535
118348	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12630		200	115347	27536
118349	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12631		200	115348	27537
118350	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12632		200	115349	27538
118351	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12633		200	115350	27539
118381	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12663		200	115380	27569
118382	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12664		200	115381	27570
122303	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld16585		200	119302	31489
122304	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld16586		200	119303	31490
122696	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld16978		200	119695	31882
122697	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld16979		200	119696	
122698	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld16980		200	119697	31884
122699	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld16981		200	119698	31885
122700	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld16982		200	119699	31886
122701	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld16983		200	119700	
122752	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld17034		200	119751	31938
125102	Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Critically Endangered	TuartWld0001		500	122171	120420
125103	Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Critically Endangered	TuartWld0002		500	122172	120421
125104	Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Critically Endangered	TuartWld0003		500	122173	120422
125105	Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Critically Endangered	TuartWld0004		500	122174	120423
125106	Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Critically Endangered	TuartWld0005		500	122175	120424
125107	Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Critically Endangered	TuartWld0006		500	122176	120425
125108	Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Critically Endangered	TuartWld0007		500	122177	120426
125109	Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Critically Endangered	TuartWld0008		500	122178	120427
125110	Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Critically Endangered	TuartWld0009		500	122179	120428
125111	Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Critically Endangered	TuartWld0010		500	122180	120429
125112	Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Critically Endangered Critically	TuartWld0011		500	122181	120430
125113	Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Critically Endangered	TuartWld0012		500	122182	120431

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125118 Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Critically Endangered	TuartWld0017		500	122187	120436
125119 Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Critically Endangered	TuartWld0018		500	122188	120437
125120 Tuart woodland	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Critically Endangered	TuartWld0019		500	122189	120438
125124 Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Critically Endangered	TuartWld0023		500	122193	120442
125125 Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Critically Endangered	TuartWld0024		500	122194	120443
125126 Tuart woodlands	5 Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Critically Endangered	TuartWld0025		500	122195	120444
125129 Tuart woodlands	5 Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Critically Endangered	TuartWld0028		500	122198	120447
125130 Tuart woodland	5 Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Critically Endangered	TuartWld0029		500	122199	120448
125131 Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Critically Endangered Critically	TuartWld0030		500	122200	120449
125132 Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Endangered Critically	TuartWld0031		500	122201	120450
125300 Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Endangered Critically	TuartWld0199		500	122369	120618
125301 Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Endangered Critically	TuartWld0200		500	122370	120619
125302 Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Endangered Critically	TuartWld0201		500	122371	120620
125303 Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Endangered Critically	TuartWld0202		500		120621
125304 Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Endangered Critically	TuartWld0203		500		120622
125305 Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Endangered Critically	TuartWld0204		500	122374	120623
125309 Tuart woodlands		Priority 3	Endangered Critically	TuartWld0208		500		120627
125313 Tuart woodlands		Priority 3	Endangered Critically	TuartWld0212		500	122382	
125314 Tuart woodlands		Priority 3	Endangered Critically	TuartWld0213		500		120632
125315 Tuart woodlands		Priority 3	Endangered Critically	TuartWld0214		500		120633
125316 Tuart woodlands		Priority 3	Endangered Critically	TuartWld0215		500		120634
125322 Tuart woodlands		Priority 3	Endangered Critically	TuartWld0221		500		120640
125323 Tuart woodlands		Priority 3	Endangered Critically	TuartWld0222		500	122392	
125324 Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Endangered	TuartWld0223		500	122393	120642

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125421 Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Critically Endangered	TuartWld0320		500	122490	120739
125422 Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Critically Endangered	TuartWld0321		500	122491	120740
125431 Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Critically Endangered	TuartWld0330		500	122500	120749
125432 Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Critically Endangered	TuartWld0331		500	122501	120750
125433 Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Critically Endangered	TuartWld0332		500	122502	120751
125434 Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Critically Endangered	TuartWld0333		500	122503	120752
125436 Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Critically Endangered	TuartWld0335		500	122505	120754
125437 Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Critically Endangered	TuartWld0336		500	122506	120755
125438 Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Critically Endangered Critically	TuartWld0337		500	122507	120756
125439 Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Endangered Critically	TuartWld0338		500	122508	120757
125440 Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Endangered Critically	TuartWld0339		500	122509	120758
125441 Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Endangered Critically	TuartWld0340		500	122510	120759
125442 Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Endangered Critically	TuartWld0341		500	122511	120760
125443 Tuart woodlands		Priority 3	Endangered Critically	TuartWld0342		500	122512	
125444 Tuart woodlands		Priority 3	Endangered Critically	TuartWld0343		500	122513	
125445 Tuart woodlands		Priority 3	Endangered Critically	TuartWld0344		500	122514	
125446 Tuart woodlands		Priority 3	Endangered Critically	TuartWld0345		500	122515	
125447 Tuart woodlands		Priority 3	Endangered Critically	TuartWld0346		500	122516	
125448 Tuart woodlands		Priority 3	Endangered Critically	TuartWld0347		500	122517	
125449 Tuart woodlands		Priority 3	Endangered Critically	TuartWld0348		500	122518	
125450 Tuart woodlands		Priority 3	Endangered Critically	TuartWld0349		500	122519	
125451 Tuart woodlands		Priority 3	Endangered Critically	TuartWld0350		500	122520	
125452 Tuart woodlands	···· / ··· / ··· · / ···· · · · · · · ·	Priority 3	Endangered Critically	TuartWld0351		500	122521	
125453 Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Endangered	TuartWld0352		500	122522	120771

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125454 Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Critically Endangered	TuartWld0353		500	122523	120772
125455 Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Critically Endangered	TuartWld0354		500	122524	120773
125456 Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Critically Endangered	TuartWld0355		500	122525	120774
125457 Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Critically Endangered	TuartWld0356		500	122526	120775
125458 Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Critically Endangered	TuartWld0357		500	122527	120776
125459 Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Critically Endangered	TuartWld0358		500	122528	120777
125460 Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Critically Endangered	TuartWld0359		500	122529	120778
125461 Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Critically Endangered	TuartWld0360		500	122530	120779
125462 Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Critically Endangered Critically	TuartWld0361		500	122531	120780
125463 Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Endangered Critically	TuartWld0362		500	122532	120781
125464 Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Endangered Critically	TuartWld0363		500	122533	120782
125465 Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Endangered Critically	TuartWld0364		500	122534	120783
125466 Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Endangered Critically	TuartWld0365		500	122535	120784
125467 Tuart woodlands		Priority 3	Endangered Critically	TuartWld0366		500		120785
125468 Tuart woodlands		Priority 3	Endangered Critically	TuartWld0367		500		120786
125469 Tuart woodlands		Priority 3	Endangered Critically	TuartWld0368		500		120787
125470 Tuart woodlands		Priority 3	Endangered Critically	TuartWld0369		500		120788
125471 Tuart woodlands		Priority 3	Endangered Critically	TuartWld0370		500	122540	
125472 Tuart woodlands		Priority 3	Endangered Critically	TuartWld0371		500	122541	
125473 Tuart woodlands		Priority 3	Endangered Critically	TuartWld0372		500	122542	
125474 Tuart woodlands		Priority 3	Endangered Critically	TuartWld0373		500	122543	
125475 Tuart woodlands		Priority 3	Endangered Critically	TuartWld0374		500	122544	
125476 Tuart woodlands		Priority 3	Endangered Critically	TuartWld0375		500	122545	
125477 Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Endangered	TuartWld0376		500	122546	120795

12547Taurt weadlandTaurt (Eaclyptus gemphocephale) weadlands and forests of the Swan Coastal PlainPriority 3Critically the dangered Tourt W03537500122471234812548Taurt weadlandTaurt (Eaclyptus gemphocephale) weadlands and forests of the Swan Coastal PlainPriority 3Critically Endangered TourtW03578TaurtW03578500125481259812548Taurt weadlandTaurt (Eaclyptus gemphocephale) weadlands and forests of the Swan Coastal PlainPriority 3Critically Endangered TourtW0358TaurtW0358500122581259812548Taurt weadlandTaurt (Eaclyptus gemphocephale) weadlands and forests of the Swan Coastal PlainPriority 3Critically Endangered TourtW0358120001225812258122591200012548Taurt weadlandsTaurt (Eaclyptus gemphocephale) weadlands and forests of the Swan Coastal PlainPriority 3Critically Endangered TourtW03581200012258122581200012548Taurt weadlandsTaurt (Eaclyptus gemphocephale) weadlands and forests of the Swan Coastal PlainPriority 3Critically Endangered TourtW035812050122551205012548Taurt weadlandsTaurt (Eaclyptus gemphocephale) weadlands and forests of the Swan Coastal PlainPriority 3Critically Endangered TourtW035812010122541208012548Taurt weadlandTaurt (Eaclyptus gemphocephale) weadlands and forests of the Swan Coastal PlainPriority 3Critically EndangeredTaurtW03585001225412080<	OCC_UNI QUE	:OM_ID	COM_NAME	STATE_CATG	COMM_CATG	FIRST_S_ID	LAST_S_ID	BUFFER	BDY_ID	ORIG_FI D
12-549Larkt woodlandsLuart (isculyptus gemphocephals) woodlands and forests of the Swan Castal PlainPriority 3Larkt WoodlangLarkt WoodlangSoo1225481207912548Tuart (suclyptus gemphocephals) woodlands and forests of the Swan Castal PlainPriority 3Critically Critically CriticallyTuartWoodlang50012250120799125482Tuart woodlandsTuart (suclyptus gemphocephals) woodlands and forests of the Swan Castal PlainPriority 3Critically CriticallyTuartWoodlang50012250120909125482Tuart woodlandsTuart (suclyptus gemphocephals) woodlands and forests of the Swan Castal PlainPriority 3Critically CriticallyTuartWoodlang500122532120801125485Tuart woodlandsTuart (suclyptus gemphocephals) woodlands and forests of the Swan Castal PlainPriority 3Critically CriticallyTuartWoodlang500122532120801125485Tuart woodlandsTuart (suclyptus gemphocephals) woodlands and forests of the Swan Castal PlainPriority 3Critically CriticallyTuartWoollang500122552120801125485Tuart woodlandsTuart (suclyptus gemphocephals) woodlands and forests of the Swan Castal PlainPriority 3Critically 	125478 Tu	uart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3		TuartWld0377		500	122547	120796
12340Lark (calybia gemphocephala) woodlands and forests of the Swan Costal PlainPriority 3Endangered EndangeredLark (woodlandsSuit1224912079912542Tuart (scalybia gemphocephala) woodlands and forests of the Swan Costal PlainPriority 3Critically CriticallyTuart Wild38050012255112090012543Tuart (scalybia gemphocephala) woodlands and forests of the Swan Costal PlainPriority 3Critically CriticallyTuart Wild38150012255112090012544Tuart (scalybia gemphocephala) woodlands and forests of the Swan Costal PlainPriority 3Critically CriticallyTuart Wild38350012255112080112545Tuart woodlandsTuart (scalybia gemphocephala) woodlands and forests of the Swan Costal PlainPriority 3Critically CriticallyTuartWild38350012255112080112546Tuart woodlandsTuart (scalybia gemphocephala) woodlands and forests of the Swan Costal PlainPriority 3Critically CriticallyTuartWild38350012255112080512547Tuart woodlandsTuart (scalybia gemphocephala) woodlands and forests of the Swan Costal PlainPriority 3Critically CriticallyTuartWild38450012255112080512548Tuart woodlandsTuart (scalybia gemphocephala) woodlands and forests of the Swan Costal PlainPriority 3Critically CriticallyTuartWild38450012255112080512548Tuart woodlandsTuart (scalybia gemphocephala) woodlands and forests of the Swan Costal PlainPriori	125479 Tu	uart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3		TuartWld0378		500	122548	120797
12588Last woodlandsLuart (buckhybus gomphocephale) woodlands and forests of the swan Coastal Plain Priorty 3Endangered Chitchly TodaygeredLast Wold38150012255112080012542Tuart (buckhybus gomphocephale) woodlands and forests of the Swan Coastal Plain Priorty 3Priorty 3Critically EndangeredTuart Wold38250012255112080012548Tuart (buckhybus gomphocephale) woodlands and forests of the Swan Coastal Plain Priorty 3Priorty 3Critically EndangeredTuart Wold38250012255112080112548Tuart (buckhybus gomphocephale) woodlands and forests of the Swan Coastal Plain Priorty 3Priorty 3Critically EndangeredTuart Wold38450012255112080312548Tuart (buckhybus gomphocephale) woodlands and forests of the Swan Coastal Plain Priorty 3Priorty 3Critically EndangeredTuart Wold38450012255512080412548Tuart (buckhybus gomphocephale) woodlands and forests of the Swan Coastal Plain Priorty 3Priorty 3Critically EndangeredTuart Wold38650012255612080512548Tuart (buckhybus gomphocephale) woodlands and forests of the Swan Coastal Plain Priorty 3Priorty 3Critically EndangeredTuart Wold38750012255712080612548Tuart woodlandsTuart (buckhybus gomphocephale) woodlands and forests of the Swan Coastal Plain Priorty 3Priorty 3Critically EndangeredTuart Wold38750012255712080512548Tuart woodlandsTuart (buckhybus gompho	125480 Tu	uart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	-	TuartWld0379		500	122549	120798
12482Luart woodlandsLuart (Lucalyptus gomphocephala) woodlands and forests of the Swan Castal PlainPriority 3Endangered Endangered Tuart Wid038250012255112080125483Tuart woodlandsTuart (Lucalyptus gomphocephala) woodlands and forests of the Swan Castal PlainPriority 3Critically Endangered TuartWid0382500122551120802125484Tuart woodlandsTuart (Lucalyptus gomphocephala) woodlands and forests of the Swan Castal PlainPriority 3Critically Endangered TuartWid0384500122551120802125486Tuart woodlandsTuart (Lucalyptus gomphocephala) woodlands and forests of the Swan Castal Plain Priority 3Priority 3Critically Endangered EndangeredTuartWid0385500122555120804125486Tuart woodlandsTuart (Lucalyptus gomphocephala) woodlands and forests of the Swan Castal Plain Priority 3Priority 3Critically Endangered EndangeredTuartWid0386500122555120805125486Tuart woodlandsTuart (Lucalyptus gomphocephala) woodlands and forests of the Swan Castal Plain Priority 3Priority 3Critically Endangered Endangered TuartWid0387500122555120805126034Tuart woodlandsTuart (Lucalyptus gomphocephala) woodlands and forests of the Swan Castal Plain Priority 3Priority 3Critically Endangered Endangered TuartWid038750012255120805126034Tuart woodlandsTuart (Lucalyptus gomphocephala) woodlands and forests of the Swan Castal Plain Priority 3Priority 3Critica	125481 Tu	uart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3		TuartWld0380		500	122550	120799
12488Luart WoodlandsLuart [Eucalyptus gomphocephala] woodlands and forests of the Swan Coastal PlainPriority 3Endangered Critically LongredLuartWid03825001225212080112548Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Critically EndangeredTuartWid038450012255120803125485Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Critically EndangeredTuartWid038550012255120805125487Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Critically EndangeredTuartWid038550012255120805125488Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Critically EndangeredTuartWid038650012255120805125489Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Critically EndangeredTuartWid038750012258120805125489Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Critically EndangeredTuartWid038750012258120807126814Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Critically EndangeredTuartWid0388500123103123103123103123103123103123103123103123103123103123103123103123103123103123103	125482 Tu	uart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3		TuartWld0381		500	122551	120800
12484Lust woodlandsLust [Luczkyptus gomphocephala] woodlands and forests of the Swan Coastal PlainPriority 3Endangered EndangeredTuartWid1033S0012.25.812.080212548Tuart woodlandsTuart [Euczkyptus gomphocephala] woodlands and forests of the Swan Coastal PlainPriority 3TuartWid10334S0012.25.512.080312548Tuart woodlandsTuart [Euczkyptus gomphocephala] woodlands and forests of the Swan Coastal PlainPriority 3TuartWid10385S0012.25.512.080512548Tuart woodlandsTuart [Euczkyptus gomphocephala] woodlands and forests of the Swan Coastal PlainPriority 3Critically EndangeredTuartWid10386S0012.25.512.080512548Tuart woodlandsTuart [Euczkyptus gomphocephala] woodlands and forests of the Swan Coastal PlainPriority 3Critically EndangeredTuartWid10387S0012.25.512.080512548Tuart woodlandsTuart [Eucakyptus gomphocephala] woodlands and forests of the Swan Coastal PlainPriority 3Critically EndangeredTuartWid10387S0012.310312.310312.310312.310312.310312.310312.310312.310312.310312.310312.312412.311412.3	125483 Tu	uart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3		TuartWld0382		500	122552	120801
123-85Laft (Lucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Endangered Fortiky 3Luart Wiodlas4500122:54120:93125:48Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Critically Endangered EndangeredTuartWid0385500122:55120:805125:48Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Critically Endangered EndangeredTuartWid0386500122:55120:805125:49Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Critically Endangered EndangeredTuartWid0386500122:55120:805125:49Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Critically Endangered EndangeredTuartWid0388500122:10312:133126:03Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Critically Endangered EndangeredTuartWid093450012:31012:333126:03Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Critically EndangeredTuartWid093450012:31312:432126:03Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Critically EndangeredTuartWid013150012:31812:433126:14Tuart (Eucalyptus gomphocephala)	125484 Tu	uart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3		TuartWld0383		500	122553	120802
1254bTuart woodlandsTuart (Eucalyptus gomphocephia) woodlands and forests of the Swan Coastal PlainPriority 3Endangered Critically EndangeredTuartWid038550012255120804125487Tuart (Eucalyptus gomphocephia) woodlands and forests of the Swan Coastal PlainPriority 3Critically EndangeredTuartWid038750012255120805125488Tuart woodlandsTuart (Eucalyptus gomphocephia) woodlands and forests of the Swan Coastal PlainPriority 3Critically EndangeredTuartWid038750012255120805125499Tuart woodlandsTuart (Eucalyptus gomphocephia) woodlands and forests of the Swan Coastal PlainPriority 3Critically EndangeredTuartWid03885001221031213212603Tuart woodlandsTuart (Eucalyptus gomphocephia) woodlands and forests of the Swan Coastal PlainPriority 3Endangered EndangeredTuartWid09335001231031213212603Tuart woodlandsTuart (Eucalyptus gomphocephia) woodlands and forests of the Swan Coastal PlainPriority 3Critically EndangeredTuartWid1013500123181214312614Tuart woodlandsTuart (Eucalyptus gomphocephia) woodlands and forests of the Swan Coastal PlainPriority 3Critically EndangeredTuartWid1013500123181214312615Tuart woodlandsTuart (Eucalyptus gomphocephia) woodlands and forests of the Swan Coastal PlainPriority 3Critically EndangeredTuartWid1014500123181214312616Tuart (Eucalyptus gomphoc	125485 Tu	uart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3		TuartWld0384		500	122554	120803
12:2487Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Endangered Critically EndangeredTuartWid038650012:25812:080512:5488Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Critically EndangeredTuartWid038750012:25812:080612:5489Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Critically EndangeredTuartWid038850012:310312:313212:6035Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Critically EndangeredTuartWid093450012:310312:313212:6114Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Critically EndangeredTuartWid093450012:31812:135312:6115Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Critically EndangeredTuartWid101450012:31812:143212:6115Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Critically EndangeredTuartWid101450012:31812:143212:6116Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Critically EndangeredTuartWid101450012:318 <t< td=""><td>125486 Tu</td><td>uart woodlands</td><td>Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain</td><td>Priority 3</td><td></td><td>TuartWld0385</td><td></td><td>500</td><td>122555</td><td>120804</td></t<>	125486 Tu	uart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3		TuartWld0385		500	122555	120804
125488Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Endangered Critically EndangeredTuartWid038750012257120806125489Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Endangered Critically EndangeredTuartWid0387500123103121352126034Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Endangered Critically EndangeredTuartWid0934500123104121353126114Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain Priority 3Priority 3Critically EndangeredTuartWid1013500123104121353126115Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain Priority 3Priority 3Critically EndangeredTuartWid1013500123184121432126116Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain Priority 3Priority 3Critically EndangeredTuartWid1014500123184121432126116Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain Priority 3Priority 3Critically EndangeredTuartWid1015500123182121432126117Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain Priority 3Priority 3Critically En	125487 Tu	uart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3		TuartWld0386		500	122556	120805
125489Luart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Endangered Critically Tuart Wid093350012258120807126034Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Endangered EndangeredTuart Wid0933500123103121352126135Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Tuart Wid0934500123104121353126114Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Critically EndangeredTuartWid1013500123183121432126115Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Critically EndangeredTuartWid1014500123184121433126116Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Critically EndangeredTuartWid1014500123183121432126116Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Critically EndangeredTuartWid1016500123184121433126117Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Critically EndangeredTuartWid1015500123187121436126117Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3	125488 Tu	uart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3		TuartWld0387		500	122557	120806
126034Tuart WoodlandsTuart (Lucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain Tuart woodlandsPriority 3Endangered Critically EndangeredTuartWid0933S00123103121352126035Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain Tuart woodlandsPriority 3Findangered Critically EndangeredTuartWid1013S00123103121352126115Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain Tuart woodlandsPriority 3Findangered Critically EndangeredTuartWid1014S00123103121323126115Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain Tuart woodlandsPriority 3Findangered EndangeredTuartWid1014S00123108121432126116Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain Tuart woodlandsPriority 3Critically EndangeredTuartWid1015S00123186121434126117Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain Priority 3Priority 3TuartWid1015S00123187121434126118Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain Priority 3Priority 3TuartWid1016S00123188121435126119Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain Priority 3Priori	125489 Tu	uart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3		TuartWld0388		500	122558	120807
126035Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Endangered Critically EndangeredTuart Wild1013500123104121333126115Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Endangered Critically EndangeredTuartWild1013500123184121433126115Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3TuartWild1014500123184121433126116Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3TuartWild1015500123184121433126117Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Critically EndangeredTuartWild1016500123186121434126118Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Critically EndangeredTuartWild1016500123187121436126119Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Critically EndangeredTuartWild1017500123187121436126119Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Endangered EndangeredTuartWild1017500123188121436126120Tuart woodlands	126034 Tu	uart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3		TuartWld0933		500	123103	121352
126114Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3EndangeredTuartWid1013S00123183121432126115Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3EndangeredTuartWid1013S00123184121433126116Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3EndangeredTuartWid1015S00123185121435126117Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3CriticallyTuartWid1016S00123187121436126118Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3CriticallyTuartWid1016S00123187121436126119Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3CriticallyTuartWid1017S00123187121436126120Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3CriticallyTuartWid1018S00123188121437126121Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3CriticallyTuartWid1019S00123189121436126121Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain <t< td=""><td>126035 Tu</td><td>uart woodlands</td><td>Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain</td><td>Priority 3</td><td></td><td>TuartWld0934</td><td></td><td>500</td><td>123104</td><td>121353</td></t<>	126035 Tu	uart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3		TuartWld0934		500	123104	121353
126115Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3EndangeredTuartWild1014500123184121433126116Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3EndangeredTuartWild1015500123186121434126117Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3EndangeredTuartWild1016500123186121434126118Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3EndangeredTuartWild1017500123187121436126119Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Critically EndangeredTuartWild1017500123188121436126120Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Critically EndangeredTuartWild1018500123188121436126120Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Critically EndangeredTuartWild1019500123189121436126121Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Critically EndangeredTuartWild1020500123190121439126121Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands	126114 Tu	uart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3		TuartWld1013		500	123183	121432
126116Tuart WoodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Endangered Critically EndangeredTuartWid1015500123186121434126117Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Endangered CriticallyTuartWid1016500123186121435126118Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Critically EndangeredTuartWid1017500123187121436126119Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Critically EndangeredTuartWid1018500123188121435126120Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Critically EndangeredTuartWid1019500123189121436126120Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Critically EndangeredTuartWid1019500123189121438126121Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Critically EndangeredTuartWid1019500123189121438126121Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Critically EndangeredTuartWid1020500123190121439 <td>126115 Tu</td> <td>uart woodlands</td> <td>Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain</td> <td>Priority 3</td> <td></td> <td>TuartWld1014</td> <td></td> <td>500</td> <td>123184</td> <td>121433</td>	126115 Tu	uart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3		TuartWld1014		500	123184	121433
126117Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Endangered Critically EndangeredTuartWid1016500123186121435126118Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Endangered CriticallyTuartWid1017500123187121436126119Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Critically EndangeredTuartWid1018500123188121437126120Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Critically EndangeredTuartWid1019500123189121438126121Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Critically EndangeredTuartWid1019500123189121438126121Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Critically EndangeredTuartWid1019500123190121439126122Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Critically EndangeredTuartWid1021500123191121430126123Tuart woodlandsTuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal PlainPriority 3Critically EndangeredTuartWid1021500123191121440 <td>126116 Tu</td> <td>uart woodlands</td> <td>Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain</td> <td>Priority 3</td> <td>Endangered</td> <td>TuartWld1015</td> <td></td> <td>500</td> <td>123185</td> <td>121434</td>	126116 Tu	uart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Endangered	TuartWld1015		500	123185	121434
126118 Tuart woodlands Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain Priority 3 Endangered TuartWid1017 500 123187 121436 126119 Tuart woodlands Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain Priority 3 Endangered Critically TuartWid1017 500 123187 121436 126120 Tuart woodlands Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain Priority 3 Critically TuartWid1019 500 123187 121438 126120 Tuart woodlands Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain Priority 3 Critically TuartWid1019 500 123189 121438 126121 Tuart woodlands Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain Priority 3 Critically TuartWid1020 500 123190 121439 126122 Tuart woodlands Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain Priority 3 Critically TuartWid1021 500 123191 121430 126123 Tuart woodlands Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coa	126117 Tu	uart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Endangered	TuartWld1016		500	123186	121435
126119 Tuart woodlands Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain Priority 3 Endangered Tuart Wild1018 500 123188 121437 126120 Tuart woodlands Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain Priority 3 Endangered Critically TuartWild1018 500 123188 121437 126120 Tuart woodlands Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain Priority 3 Critically TuartWild1019 500 123189 121438 126121 Tuart woodlands Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain Priority 3 Critically TuartWild1020 500 123190 121439 126122 Tuart woodlands Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain Priority 3 Critically TuartWild1020 500 123190 121439 126123 Tuart woodlands Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain Priority 3 Critically TuartWild1021 500 123192 121440 126123 Tuart woodlands Tuart (Eucalyptus gomphocephala) woodlands and forests of the S	126118 Tu	uart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	-	TuartWld1017		500	123187	121436
126120 Tuart woodlands Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain Priority 3 Endangered Tuart Wild1019 500 123189 121438 126121 Tuart woodlands Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain Priority 3 Critically Endangered TuartWild1019 500 123190 121439 126122 Tuart woodlands Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain Priority 3 Critically Endangered TuartWild1020 500 123190 121439 126123 Tuart woodlands Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain Priority 3 Critically Endangered TuartWild1021 500 123191 121440 126123 Tuart woodlands Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain Priority 3 Critically Endangered TuartWild1022 500 123192 121440	126119 Tu	uart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3		TuartWld1018		500	123188	121437
126121 Iuart woodlands Iuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain Priority 3 Endangered IuartWid1020 500 123190 121439 126122 Tuart woodlands Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain Priority 3 Endangered Critically 500 123190 121449 126123 Tuart woodlands Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain Priority 3 Critically TuartWid1021 500 123190 121440 126123 Tuart woodlands Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain Priority 3 Critically TuartWid1022 500 123192 121441	126120 Tu	uart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3		TuartWld1019		500	123189	121438
126122 Tuart woodlands Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain Priority 3 Tuart Wild1021 500 123191 121440 126123 Tuart woodlands Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain Priority 3 Critically 126123 Tuart woodlands Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain Priority 3 Critically 126123 Tuart woodlands Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain Priority 3 TuartWild1022 500 123191 121440 Critically	126121 Tu	uart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Endangered	TuartWld1020		500	123190	121439
126123 Tuart woodlands Tuart (Eucalyptus gomphocenhala) woodlands and forests of the Swan Coastal Plain Priority 3 Tuart Wild1022 500 123192 121441	126122 Tu	uart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Endangered	TuartWld1021		500	123191	121440
	126123 Tu	uart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3		TuartWld1022		500	123192	121441

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126124	Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Critically Endangered	TuartWld1023		500	123193	121442
126125	Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Critically Endangered	TuartWld1024		500	123194	121443
126126	Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Critically Endangered	TuartWld1025		500	123195	121444
126127	Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Critically Endangered	TuartWld1026		500	123196	121445
126128	Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Critically Endangered Critically	TuartWld1027		500	123197	121446
126600	Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Endangered Critically	TuartWld1499		500	123669	121918
126601	Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Endangered Critically	TuartWld1500		500	123670	121919
	Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Endangered Critically	TuartWld1501		500	123671	
126603	Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Endangered Critically	TuartWld1502		500	123672	
126638	Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Endangered	TuartWld1537		500	123707	121956
107336		Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld01618		200	104335	
107337	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld01619		200	104336	
107338	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld01620		200	104337	16536
107339	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld01621		200	104338	
107340	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld01622		200	104339	
107509	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld01791		200	104508	
107523	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld01805		200	104522	
107568	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld01850		200	104567	
107659	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld01941		200	104658	
107661	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld01943		200	104660	16857
107662	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld01944		200	104661	16858
107666	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld01948		200	104665	16862
107669	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld01951		200	104668	16865
107670	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld01952		200	104669	16866
107675	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld01957		200	104674	
107688	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld01970		200	104687	16884
107691	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld01973		200	104690	
107692	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld01974		200	104691	
113414	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld07696		200	110413	
115710	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld09992		200	112709	24901
115711	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld09993		200	112710	24902
115716	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld09998		200	112715	24907
115717	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	Banksia WId 09999		200	112716	
115994	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld10276		200	112993	
116418	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld10700		200	113417	
116420		Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld10702		200	113419	
116424	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld10706		200	113423	
117814	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12096		200	114813	
117816	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12098		200	114815	27004

OCC_UNI QUE	COM_ID	COM_NAME	STATE_CATG	COMM_CATG	FIRST_S_ID	LAST_S_ID	BUFFER	BDY_ID	ORIG_FI
117982	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12264		200	114981	27170
118011	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12293		200		27199
118028	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12310		200		27216
118194	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12476		200		27382
118207	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12489		200		27395
118328	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12405		200	115200	27516
122553	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld12010		200		31739
122555	Banksia WL SCP	Banksia Dominated Woodlands of the Swan Coastal Plain IBRA Region	Priority 3	Endangered	BanksiaWld16843		200	119560	31747
122501	Darriksia WE SCI	Melaleuca huegelii - Melaleuca systena shrublands on limestone ridges (floristic	Thomey 5	Enddingered	Danksia Wia10045		200	115500	51747
126815	SCP26a	community type 26a as originally described in Gibson et al. (1994))	Endangered		Eglinton02		500	0	354
126816	SCP26a	Melaleuca huegelii - Melaleuca systena shrublands on limestone ridges (floristic community type 26a as originally described in Gibson et al. (1994))	Endangered		Eglinton03		500	0	355
3174	SCP21c	Low lying Banksia attenuata woodlands or shrublands	Priority 3	Endangered	BAS20		200	0	925
3001	SCP23b	Swan Coastal Plain Banksia attenuata - Banksia menziesii woodlands	Priority 3	Endangered	BAW2		200	0	943
2986	SCP22	Banksia ilicifolia woodlands	Priority 3	Endangered	BIW20		200	0	958
2970	SCP22	Banksia ilicifolia woodlands	Priority 3	Endangered	BIW4		200	0	967
2971	SCP22	Banksia ilicifolia woodlands	Priority 3	Endangered	BIW5		200	0	968
4968	SCP29a	Coastal shrublands on shallow sands	Priority 3		BU01		500	0	1006
4970	SCP29a	Coastal shrublands on shallow sands	Priority 3		BU04		500	0	1008
1881	SCP26a	Melaleuca huegelii - Melaleuca systena shrublands on limestone ridges (floristic community type 26a as originally described in Gibson et al. (1994))	Endangered		ALKIMOS01		2000	0	1017
5002	SCP29b	Acacia shrublands on taller dunes	Priority 3		MI01		500	0	1107
5003	SCP29b	Acacia shrublands on taller dunes	Priority 3		MI02		500	0	1108
5004	SCP29b	Acacia shrublands on taller dunes	Priority 3		MI03		500	0	1109
5005	SCP29b	Acacia shrublands on taller dunes	Priority 3		MI06		500	0	1110
5006	SCP29b	Acacia shrublands on taller dunes	Priority 3		MI07		500	0	1111
5007	SCP29b	Acacia shrublands on taller dunes	Priority 3		MI09		500	0	1112
5008	SCP29b	Acacia shrublands on taller dunes	Priority 3		MI18		500	0	1113
5009	SCP29a	Coastal shrublands on shallow sands	Priority 3		MI21		500	0	1114
5010	SCP24	Northern Spearwood shrublands and woodlands	Priority 3		MI23		500	0	1115
3112	SCP23b	Swan Coastal Plain Banksia attenuata - Banksia menziesii woodlands	Priority 3	Endangered	SINT01		500	0	1219
126868	Tuart woodlands	Tuart (Eucalyptus gomphocephala) woodlands and forests of the Swan Coastal Plain	Priority 3	Critically Endangered	TuartWld1572		500	0	1364
3116	SCP25	Southern Eucalyptus gomphocephala-Agonis flexuosa woodlands	Priority 3	-	yela03		700	0	1644
5020	SCP10a	Shrublands on dry clay flats (floristic community type 10a as originally described in Gibson et al. (1994))	Endangered	Critically Endangered	pinj10		500	0	1725
5021	SCP22	Banksia ilicifolia woodlands	Priority 3	Endangered	pinj12		500	0	1726

APPENDIX 6 Flora Species List

SPECIES LIST – Wesco Road M70/138

MONOCOTYLEDONS

ASPARAGACEAE Acanthocarpus preissii Lomandra maritima Thysanotus sparteus

ASPHODELACEAE *Asphodelus fistulosus

COLCHICACEAE Burchardia congesta

CYPERACEAE Lepidosperma calcicola Mesomelaena pseudostygia

HAEMODORACEAE Anigozanthos humilis Anigozanthos manglesii Conostylis aculeata subsp. aculeata Conostylis candicans Conostylis setigera Haemodorum laxum Haemodorum spicatum

HEMEROCALLIDACEAE Tricoryne elatior

IRIDACEAE *Gladiolus caryophyllaceus

ORCHIDACEAE Caladenia flava

POACEAE *Aira caryophyllea Austrostipa flavescens *Avena fatua *Briza maxima *Briza minor *Bromus diandrus *Bromus sp *Ehrharta calycina *Ehrharta longiflora *Vulpia myuros

RESTIONACEAE Desmocladus flexuosus

XANTHORRHOEACEAE Xanthorrhoea brunonis Xanthorrhoea preissii

DICOTYLEDONS

APIACEAE Daucus glochidiatus

ARALIACEAE Trachymene pilosa

ASTERACEAE Hyalosperma cotula *Hypochaeris glabra Millotia myosotidifolia Olearia axillaris Podotheca angustifolia *Sonchus oleraceus *Urospermum picroides *Ursinia anthemoides Waitzia suaveolens

BRASSICACEAE *Raphanus raphanistrum

CAMPANULACEAE *Wahlenbergia capensis

CARYOPHYLLACEAE *Cerastium glomeratum *Petrorhagia dubia *Silene gallica

CASUARINACEAE Allocasuarina humilis CRASSULACEAE Crassula colorata

DILLENIACEAE Hibbertia hypericoides

ERICACEAE Leucopogon polymorphus Leucopogon propinquus

FABACEAE Acacia alata var. tetrantha Acacia lasiocarpa Acacia pulchella Acacia truncata Acacia willdenowiana Bossiaea eriocarpa Gompholobium tomentosum Hardenbergia comptoniana Jacksonia calcicola Mirbelia spinosa Sphaerolobium medium

GENTIANACEAE *Centaurium erythraea

GOODENIACEAE Lechenaultia linarioides Scaevola canescens Scaevola repens Scaevola thesioides

LAMIACEAE Hemiandra pungens

LAURACEAE Cassytha racemosa

LORANTHACEAE Nuytsia floribunda

MALVACEAE Thomasia triphylla MYRTACEAE Calothamnus quadrifidus

Eucalyptus decipiens Melaleuca huegelii Melaleuca systena

PHYLLANTHACEAE Phyllanthus calycinus

POLYGALACEAE Comesperma calymega

PRIMULACEAE *Lysimachia arvensis

PROTEACEAE Banksia dallanneyi Banksia sessilis Grevillea preissii Hakea prostrata Hakea trifurcata Petrophile macrostachya Petrophile serruriae Templetonia retusa

RHAMNACEAE Trymalium ledifolium

RUBIACEAE *Galium murale Opercularia vaginata

RUTACEAE Diplolaena angustifolia

SAPINDACEAE Diplopeltis huegelii

STYLIDIACEAE Stylidium brunonianum Stylidium maritimum **P3** Stylidium scariosum THYMELEACEAE Pimelea calcicola **P3** Pimelea rosea

VIOLACEAE Hybanthus calycinus

APPENDIX 7 Quadrat Data

50 382801 E 6498085 N

Vegetation :	Banksia sessilis/Hakea trifurcata/Xanthorrhoea preissii Tall Open
	Scrub over Hibbertia hypericoides/Calothamnus quadrifidus Open
	Low Heath
Condition:	Excellent
Soil Type:	Orange-brown sand, surface limestone
Landform:	Flat
Date:	12.10.20
Recorder:	Paul van der Moezel



QUADRAT (10 x 10m)

SPECIES	HEIGHT (m)	COVER (%)
Xanthorrhoea preissii	1.9	2
Hakea trifurcata	1.5	20
Banksia sessilis	1.4	10
Melaleuca systena	1	10
Haemodorum spicatum	0.7	<1
Calothamnus quadrifidus	0.6	5
Acacia pulchella	0.6	1
Xanthorrhoea brunonis	0.6	<1
Hibbertia hypericoides	0.5	10
Jacksonia calcicola	0.5	10
Olearia axillaris	0.5	<1
Haemodorum laxum	0.5	<1
Mirbelia spinosa	0.4	1
Austrostipa flavescens	0.4	<1
Tricoryne elatior	0.4	<1
Hemiandra pungens	0.3	5
Conostylis candicans	0.3	1

SPECIES	HEIGHT (m)	COVER (%)
Mesomelaena pseudostygia	0.3	<1
Scaevola canescens	0.3	<1
Allocasuarina humilis	0.3	<1
*Briza maxima	0.3	<1
Conostylis aculeata	0.3	<1
*Vulpia myuros	0.2	<1
Daucus glochidiatus	0.2	<1
*Briza minor	0.2	<1
Trachymene pilosa	0.1	<1
Desmocladus flexuosus	0.1	<1
*Lysimachia arvensis	0.1	<1
Scaevola repens	0.1	<1
*Silene gallica	0.1	<1
Millotia myosotidifolia	<0.1	<1
Crassula colorata	<0.1	<1
*Hypochaeris glabra	Flat	<1

50 383150 E 6497904 N

Vegetation:	Banksia sessilis/Hakea trifurcata Tall Open Scrub over Hibbertia	
	hypericoides/Calothamnus quadrifidus Open Low Heath	
Condition:	Excellent	
Soil Type:	Orange-brown sand, abundant surface limestone	
Landform:	Top of low ridge	
Date:	12.10.20	
Recorder:	Paul van der Moezel	



QUADRAT (10 x 10m)

SPECIES	HEIGHT (m)	COVER (%)
Banksia sessilis	1.6	70
Hakea trifurcata	1.4	20
Xanthorrhoea preissii	1	1
Xanthorrhoea brunonis	0.8	<1
Hemiandra pungens	0.6	5
Calothamnus quadrifidus	0.5	25
Acacia pulchella	0.5	5
Acacia lasiocarpa	0.5	4
Hibbertia hypericoides	0.5	2
*Gladiolus caryophyllaceus	0.5	<1
Melaleuca systena	0.4	2
Lechenaultia linarioides	0.4	1
Tricoryne elatior	0.4	<1
Lepidosperma calcicola	0.4	<1
Bossiaea eriocarpa	0.4	<1
Jacksonia calcicola	0.3	10
Hybanthus calycinus	0.3	<1

SPECIES	HEIGHT (m)	COVER (%)
*Ursinia anthemoides	0.3	<1
Austrostipa flavescens	0.3	<1
Banksia dallanneyi	0.3	<1
Conostylis candicans	0.2	<1
Anigozanthos humilis	0.2	<1
Podotheca angustifolia	0.2	<1
*Briza maxima	0.2	<1
*Petrorhagia dubia	0.2	<1
Desmocladus flexuosus	0.1	2
Waitzia suaveolens	0.1	<1
Caladenia flava	0.1	<1
Conostylis aculeata	0.1	<1
*Aira caryophyllea	0.1	<1
*Lysimachia arvensis	0.1	<1
*Vulpia myuros	0.1	<1
Trachymene pilosa	<0.1	<1
Crassula colorata	<0.1	<1
*Hypochaeris glabra	Flat	<1

50 383294 E 6497904 N

Vegetation:	Banksia sessilis/Hakea trifurcata/Xanthorrhoea preissii Tall Open
	Scrub over Hibbertia hypericoides/Acacia pulchella/Acacia
	lasiocarpa/Jacksonia calcicola Open Low Heath
Condition:	Excellent
Soil Type:	Orange-brown sand, some surface limestone
Landform:	Upper slope
Date:	12.10.20
Recorder:	Paul van der Moezel



Quadrat (10 x 10m)

SPECIES	HEIGHT (m)	COVER (%)
Xanthorrhoea preissii	1.9	2
Banksia sessilis	1.8	25
Hakea trifurcata	1.5	25
Acacia pulchella	0.8	10
Melaleuca systena	0.8	5
Acacia lasiocarpa	0.7	20
Xanthorrhoea brunonis	0.7	1
Sphaerolobium medium	0.6	<1
Hibbertia hypericoides	0.5	10
Jacksonia calcicola	0.5	10
Calothamnus quadrifidus	0.5	2
Hemiandra pungens	0.5	1
*Gladiolus caryophyllaceus	0.5	<1
Mesomelaena pseudostygia	0.4	1
Haemodorum laxum	0.4	<1
Tricoryne elatior	0.4	<1

SPECIES	HEIGHT (m)	COVER (%)
Lepidosperma calcicola	0.4	<1
Gompholobium tomentosum	0.3	<1
Conostylis aculeata	0.3	1
Bossiaea eriocarpa	0.3	<1
Austrostipa flavescens	0.3	<1
Hybanthus calycinus	0.3	<1
*Aira caryophyllea	0.2	<1
*Vulpia myuros	0.1	<1
Conostylis setigera	0.1	<1
Caladenia flava	0.1	<1
Daucus glochidiatus	0.1	<1
*Hypochaeris glabra	Flat	<1

50 383214 E 6498077 N

Vegetation:	Melaleuca systena/Melaleuca huegelii Open Heath
Condition:	Good
Soil Type:	Orange-brown sand, some surface limestone
Landform:	Flat, top of low rise
Date:	12.10.20
Recorder:	Paul van der Moezel



QUADRAT (10 x 10m)

SPECIES	HEIGHT (m)	COVER (%)
Melaleuca huegelii	1.5	5
Melaleuca systena	1	60
Trymalium ledifolium	1	2
Olearia axillaris	1	1
Acacia truncata	1	<1
Scaevola thesioides	0.9	5
Acacia pulchella	0.8	5
Pimelea rosea	0.8	2
Xanthorrhoea preissii	0.7	1
Xanthorrhoea brunonis	0.7	<1
*Gladiolus caryophyllaceus	0.6	<1
Leucopogon polymorphus	0.5	<1
Diplopeltis huegelii	0.5	<1
Templetonia retusa	0.5	<1
Austrostipa flavescens	0.5	<1
*Avena fatua	0.5	<1
Opercularia vaginata	0.4	4
Grevillea preissii	0.4	2
Hibbertia hypericoides	0.4	1

SPECIES	HEIGHT (m)	COVER (%)
Phyllanthus calycinus	0.4	<1
*Bromus diandrus	0.4	<1
Conostylis candicans	0.4	<1
Desmocladus flexuosus	0.3	2
Lepidosperma calcicola	0.3	1
Hemiandra pungens	0.3	1
Stylidium maritimum	0.3	<1
*Ehrharta longiflora	0.3	<1
*Sonchus oleraceus	0.3	<1
Daucus glochidiatus	0.2	2
*Urospermum picroides	0.2	1
Leucopogon parviflorus	0.2	<1
*Lysimachia arvensis	0.1	2
Trachymene pilosa	0.1	1
*Vulpia myuros	0.1	<1
*Cerastium glomeratum	0.1	<1
*Aira caryophyllea	0.1	<1
*Galium murale	<0.1	<1
Cassytha racemosa	Climber	<1
Hardenbergia comptoniana	Climber	<1