

Native Vegetation Clearance

37 Ekblom St, Whyalla Norrie Data Report

Clearance under the *Native Vegetation Regulations 2017*

17/03/2026

Prepared by Ecosphere Ecological Solutions



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Contents

1	Application Information	1
2	Purpose of Clearance.....	3
2.1	Description	3
2.2	Background	3
2.2.1	Interim Biogeographic Regionalisation for Australia (IBRA).....	3
2.2.2	Climate	3
2.2.3	National Vegetation Information System (NVIS)	3
2.2.4	Rail- / Road-side Significant Site Database.....	3
2.3	General Location	4
2.4	Details of the Proposal.....	6
2.5	Approvals Required or Obtained.....	6
2.6	Native Vegetation Regulation.....	6
2.7	Development Application Information	7
3	Methods.....	8
3.1	Desktop Assessment.....	8
3.1.1	Protected Matters Search Tool (PMST)	8
3.1.2	Biological Database of South Australia (BDBSA).....	8
3.2	Assessment of the Likelihood of Occurrence	8
3.3	Desktop Study Limitations	9
3.4	Field Survey	9
3.4.1	Vegetation Survey	9
4	Assessment Outcomes.....	10
4.1	Vegetation Assessment	10
4.2	Vegetation Associations.....	12
4.3	Assessment of Threatened Communities, Flora, and Fauna	13
4.3.1	EPBC PMST Search Summary.....	13
4.3.2	Threatened Ecological Communities (TEC).....	14
4.3.3	Nationally Threatened Flora	14
4.3.4	State Threatened Flora	14
4.3.5	Nationally Threatened Fauna.....	16
4.3.6	State Threatened Fauna	16
4.3.7	Migratory Fauna.....	16

4.3.8	Marine Fauna.....	16
4.4	Cumulative Impact.....	22
4.5	Adress the Mitigation Hierarchy	22
4.6	Risk Assessment	25
4.7	NVC Guidelines	25
5	Clearance Summary	26
5.1	Clearance Area(s) Summary Tables.....	26
5.2	Scattered Trees Summary Table	26
5.3	Totals Summary Table.....	26
6	Significant Environmental Benefit	27
7	References.....	28
8	Appendices	29
	Appendix 1. PMST Results	29
	Appendix 2. BDBSA flora records.....	31
	Appendix 3. BDBSA Fauna records.....	42

List of Figures

Figure 1.	General location of the commercial project area showing cadastral boundaries.	4
Figure 2.	Parcel identifiers of the properties encompassing the Project area.	5
Figure 3.	Proposed layout of the commercial development.....	7
Figure 4.	Shrubland with unstable soil profile and low growth habit.	10
Figure 5.	Vegetation mapped within the three lots at 37 Ekblom St	11

List of Tables

Table 1.	Application details.	1
Table 2.	Summary of proposed clearance.	1
Table 3	Criteria for the likelihood of occurrence of conservation significant flora and fauna within the Project area based on BDBSA records ¹ and the field survey(s). Citeria also apply for subspecies.	9
Table 4.	Vegetation association (i.e., Sites) summary.	10
Table 5.	PMST report ecological MNES results summary.	13
Table 6.	Threatened Ecological Communities potentially occurring within the area	14
Table 7.	Threatened flora listed under the EPBC Act and NP&W Act identified within 5 km of the Project area via the PMST (Source 1), BDBSA (Source 2), or observed during the field survey (Source 3). Likelihood of occurrence refers to presence within the Project area.	15



Table 8. Threatened fauna listed under the EPBC Act and NP&W Act and EPBC listed migratory fauna identified within 5 km of the Project area via the PMST (Source 1), BDBSA (Source 2), or observed during the field survey. Likelihood of occurrence refers to presence within the Project area unless otherwise noted.17

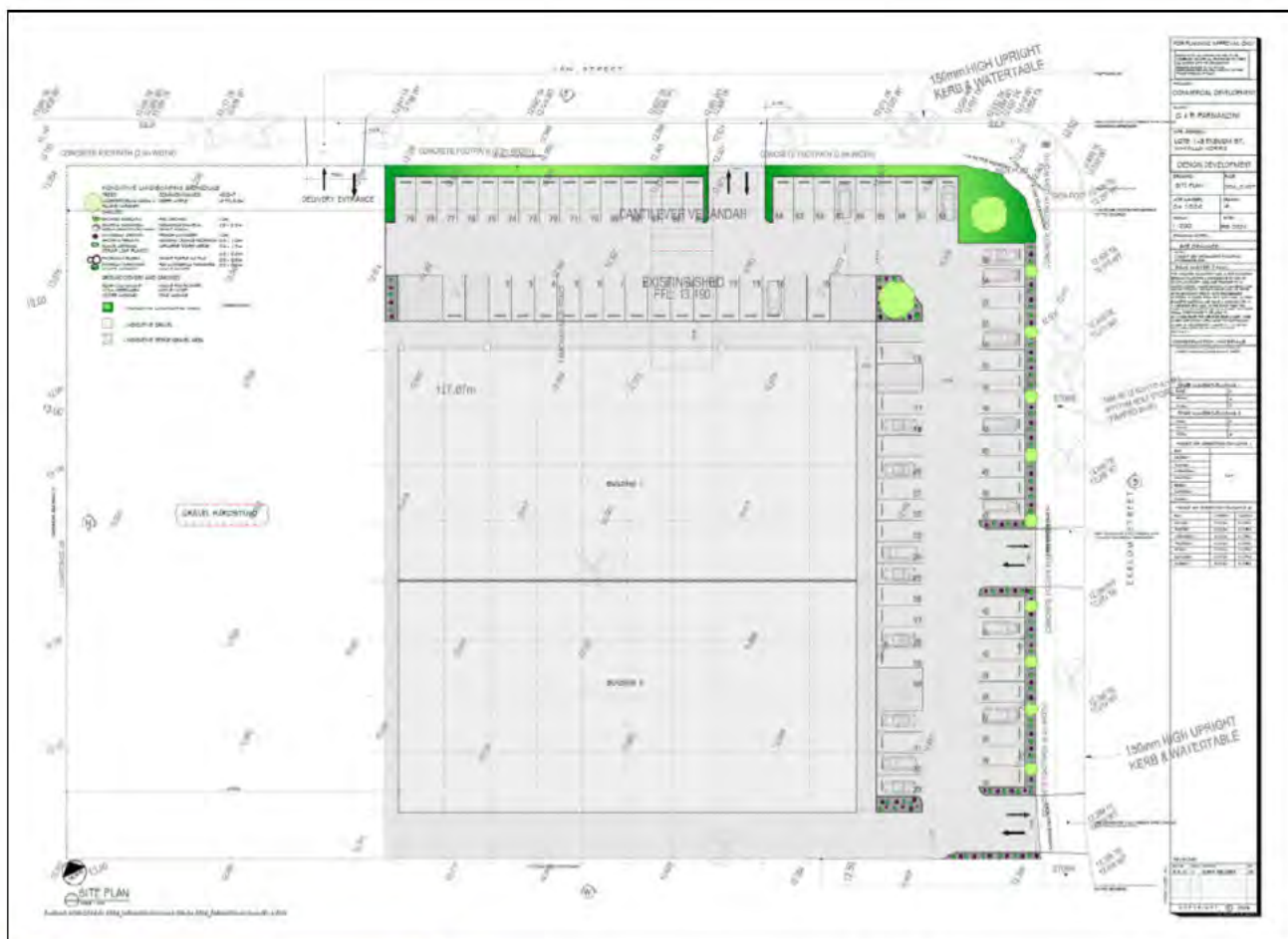
1 Application Information

Table 1. Application details.

Applicant:	[REDACTED]		
Key contact:	[REDACTED] [REDACTED] [REDACTED] [REDACTED]		
Landowner:	[REDACTED]		
Site Address:	37 Ekblom St, Whyalla Norrie, SA, 5608		
Local Government Area:	Whyalla Council	Hundred:	Randell
Title ID:	CT/6305/359	Parcel ID	D118579 A1 D118579 A2 D118579 A3

Table 2. Summary of proposed clearance.

Purpose of clearance	Clearance of chenopod shrubland within commercial precinct whereby undeveloped land has retained the natural stratum in the absence of impacts such as mowing, grazing and weed invasion.
Native Vegetation Regulation	Schedule 1 Part 6 Regulation 12 clause 34 New building
Description of the vegetation under application	<i>Maireana pyramidata</i> (Black Bluebush) / <i>Atriplex vesicaria</i> (Bladder Saltbush) Chenopod Shrubland
Total proposed clearance - area (ha) and number of trees	The total area of clearance is 0.983 ha.
Level of clearance	Level 4
Overlay (Planning and Design Code)	Native Vegetation



Mitigation hierarchy

The mitigation hierarchy has allowed for a total clearance of this allotment although total clearance is not required in the early stage 1 phase of the project. It is likely that vegetation will be retained within the area, however there is potential that in the future a total loss may occur and therefore has been provided as part of this proposal. Where possible landscape plans will retain areas of natural vegetation for amenity and soil management purposes. The total clearance, however, allows for potential indirect and cumulative impacts associated with similar types of commercial precincts such as parking, transport loading, weed invasion, fire, stormwater run-off etc.

SEB Offset proposal

The SEB will be met through payment into the NV fund. Total payment for the direct clearance of vegetation associated with the building project is \$5,820.44

2 Purpose of Clearance

2.1 Description

A subdivision has proceeded at 37 Ekblom Street, Whyalla Norrie, South Australia (SA) and encompasses three lots namely Ref. D118579 A1, D118579 A2 and D118579 A3 (Figure 1 and Figure 2). The project is planned to be undertaken as a staged approach however for the purposes of this report, all planned building works and associated infrastructure has been included as well as an allowance for indirect clearance impacts such as transport and heavy vehicle loading areas and turning circles (Figure 2).

2.2 Background

The Project area (i.e., the total area of the project including vegetation clearance required) is located within the Westland's commercial precinct, in the western part of the City of Whyalla and is located on the eastern Eyre Peninsula region, approximately 420 km by road from Adelaide (Figure 1).

2.2.1 Interim Biogeographic Regionalisation for Australia (IBRA)

The Interim Biogeographic Regionalisation for Australia (IBRA) identifies geographically distinct Bioregions based on common climate, geology, landform, native vegetation, and species information. These Bioregions are further refined into IBRA Subregions and IBRA Environmental Associations.

The Project area lies within the Gawler IBRA Bioregion, which soils are typically brown calcareous earths, Siliceous sand, Loamy soils with weak pedologic development and vegetation dominated by Acacia Open Woodlands.

The site is located at a finer scale within the Myall Plains IBRA Subregion, has 97 % of its area comprised of remnant native vegetation with 8% formally protected in reserves and parks.

2.2.2 Climate

The Myall Plains IBRA Subregion is described as a semi-arid climate that is too dry to support field crops. Soil moisture tends to be greatest in winter. Mean annual rainfall from 1976 – 2005, as accessed via NatureMaps (2024), is 264 mm at the Project area.

2.2.3 National Vegetation Information System (NVIS)

The National Vegetation Information System (NVIS) represents the State Government's key extant native floristic vegetation mapping layer for SA and provides information on the extent and distribution of vegetation types in the state.

Native vegetation, as recorded in the Native Vegetation Floristic Areas - NVIS – Statewide dataset (NatureMaps 2025), is not mapped as occurring within the Project area. The nearest mapped remnant native vegetation to the Project area occurs approximately 1.2 km south-west and consists of:

- *Maireana sedifolia* mid sparse shrubland over *Enchylaena tomentosa* var. *tomentosa*, *Rhagodia spinescens*, *Austrostipa* sp. shrubs.

2.2.4 Rail- / Road-side Significant Site Database

No rail- or road-side significant sites occur within 5km of the Project area (NatureMaps 2025).

2.3 General Location



Figure 1. General location of the commercial project area showing cadastral boundaries.



Figure 2. Parcel identifiers of the properties encompassing the Project area.

2.4 Details of the Proposal

A gymnasium/bulky goods store development is proposed for the property encompassing Lot 1, 2 and 3 at 37 Ekblom St, Whyalla Norrie (Figure 1 and Figure 2).

Currently, Parcel ID: D118579 A1 has an existing building which will be demolished as part of the additional building project. .

The remaining portion of lot 1 and lots 2 and 3 currently have remnant chenopod shrubland vegetation present which will be removed for general hardstand and future development. Some low level shrub loss has occurred through walking/bike trails and edge effects associated with the general land use on the area. The current plans show two new buildings and associated infrastructure (Figure 3).

2.5 Approvals Required or Obtained.

Provide details of the following approvals or applications under the follow legislation, where relevant:

- *Native Vegetation Act 1991* (NV Act) (Clearance approval is subject of the current proposal / compliance report)
- *Planning, Development and Infrastructure Act 2016* (PDI Act) (Approval required)
- *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act) (Desktop assessment and field survey undertaken to determine if Matters of National Environmental Significance (MNES) occur within the Project area, detailed below)
- *National Parks and Wildlife Act 1972* (NP&W Act) (Desktop assessment and field survey undertaken to determine if state level threatened flora and fauna occur within the Project area, detailed below)
- *Landscape South Australia Act 2019* (Desktop assessment and field survey undertaken to determine if weeds or exotic fauna of concern occur within the Project area, detailed below)

2.6 Native Vegetation Regulation

Under typical circumstances, the Native Vegetation Regulation under which the proposed clearance is suggested to be assessed is Schedule 1, Regulation 12, clause 33, New Dwelling or building: To allow clearance of vegetation for a new dwelling or building approved under the *Planning Development and infrastructure Act 2016*. This also includes clearance for associated structures (that have development approval).

The new dwelling/building must be situated in a location that avoids and minimises the loss of native vegetation. It should be able to be demonstrated that any alternatives have been considered. Depending on how large the allotment, consideration of all areas for the dwelling/building should occur, including those areas that involve no vegetation clearance situated on a different part of the block or where the vegetation is shown to be less significant (or more degraded) than the vegetation proposed to be cleared.

To allow clearance of vegetation in connection with residential subdivision, associated house sites, roads and other associated infrastructure.

Proponent must comply with the following additional requirements:

- Development authorisation for the division of land and construction of roads and other infrastructure under the *Development Act 1993* (now superseded by the PDI Act) must have been obtained.
- The NVC must be given written notification of the full extent of the clearance expected to occur in connection with the division of land, to determine the required SEB.



Figure 3. Proposed layout of the commercial development.

2.7 Development Application Information

Under the PDI Act, 37 Ekblom Street, Whyalla Norrie is zoned as Employment and falls under the following overlays:

- Building Near Airfields; The Building Near Airfields Overlay seeks to ensure development does not pose a hazard to the operational and safety requirements of commercial and military airfields.
- Hazards (Bushfire - Regional); The Hazards (Bushfire - Regional) Overlay seeks to ensure development is located to minimise the threat and impact of bushfires on life and property and facilitate access for emergency service vehicles in regional areas.
- Hazards (Flooding - Evidence Required); The Hazards (Flooding - Evidence Required) Overlay adopts a precautionary approach to mitigate potential impacts of potential flood risk through appropriate siting and design of development.
- Native Vegetation; The Native Vegetation Overlay seeks to protect, retain and restore areas of native vegetation (Subject of this report).

3 Methods

3.1 Desktop Assessment

A desktop assessment was used to search for historical records of threatened communities, threatened flora, and threatened or migratory fauna that are known to, or possibly occur, within 5 km of the Project area.

3.1.1 Protected Matters Search Tool (PMST)

A Protected Matters Search Tool (PMST) report was generated on the 5th of January 2026 to identify MNES under the EPBC Act relevant to the Project area (DCCEEW 2026). The PMST is maintained by the Department of Climate Change, Energy the Environment and Water (DCCEEW) and was used to identify flora and fauna or ecological communities and wetlands of national environmental significance that may occur or are likely to have suitable habitat within 5 km of the Project area. Results were further refined by considering only those flora and fauna which the PMST considered as having habitat known to occur within the area of interest as per the Bushland Assessment Method (BAM) (NVC 2024). The results returned by the PMST are based on a modelled distribution of each community and each flora and fauna species (or subspecies) and thus require additional information to clarify their possible presence in the Project area.

3.1.2 Biological Database of South Australia (BDBSA)

Records for threatened flora and fauna and migratory fauna listed under the EPBC Act or NP&W Act were assessed using the Biological Database of South Australia (BDBSA) Supertable (DEW 2026), accessed via the general query tool on NatureMaps (NatureMaps 2026). The BDBSA is comprised of an integrated collection of corporate databases which meet the Department for Environment and Water (DEW) standards for data quality, integrity, and maintenance. In addition to DEW biological data the BDBSA also includes data from partner organisations (Birdlife Australia, Birds SA, Australasian Wader Study Group, SA Museum, and other State Government Agencies). This data is included under agreement with the partner organisation for ease of distribution, but they remain owners of the data and should be contacted directly for further information. The dataset was obtained on the 5th of January 2026 and was used to identify records of conservation significant flora and fauna (i.e., threatened and / or migratory) that have been recorded within 5 km of the Project area, have a spatial reliability of < 1 km, and were recorded during or after 1995, as per the BAM (NVC 2024).

3.2 Assessment of the Likelihood of Occurrence

A likelihood of occurrence assessment for conservation significant flora and fauna highlighted by the PMST report and the BDBSA search as occurring within 5 km of the Project area was conducted. This assessment was used to filter the outputs of the PMST report and BDBSA search results to derive a subset of conservation significant flora and fauna with potential to occur in the Project area. The assessment was updated with habitat suitability information obtained during the field survey.

A likelihood of occurrence rating (Highly Likely, Likely, Possible, and Unlikely) was assigned to each of the conservation significant flora and fauna identified in the desktop PMST report and BDBSA search based on the combination of records existing within 5 km of the Project area and knowledge of suitable habitat occurring in the Project area (Table 3). Conservation significant flora and fauna observed during the field survey(s) were given a rating of Known.

Table 3 Criteria for the likelihood of occurrence of conservation significant flora and fauna within the Project area based on BDBSA records¹ and the field survey(s). Criteria also apply for subspecies.

Likelihood	Criteria
Highly Likely / Known	Recorded in the last 10 years, the species does not have highly specific niche requirements, the habitat is largely intact and falls within the known range of the species distribution. The species was recorded as part of field surveys.
Likely	Recorded within the previous 20 years, the area falls within the known distribution of the species, and the area provides species habitat which is largely intact.
Possible	Recorded within the previous 20 years, the area falls inside the known distribution of the species, but the area does not provide species habitat which is largely intact. Recorded within 20-40 years, survey effort is considered adequate, habitat is present and intact, and species of similar habitat needs have been recorded in the area.
Unlikely	Recorded within 20-40 years; however, suitable habitat does not occur, and species of similar habitat requirements have not been recorded in the area. No records within the previous 40 years despite suitable habitat being known to occur in the area. No records despite adequate survey effort.

¹ The final likelihood of occurrence of species within the Project area was modified based on local knowledge and information obtained during the field survey(s).

3.3 Desktop Study Limitations

The content of the desktop study was derived from existing datasets and references from a range of sources. Flora and fauna records were sourced from the PMST report and the BDBSA search via NatureMaps. The BDBSA only includes verified flora and fauna records submitted to DEW or partner organisations. It is recognised that drawing conclusions can be unreliable within areas that have been underrepresented in terms of biological studies. It is possible, therefore, that conservation significant flora and fauna occur within the Project area that were not reflected by database records. As such, conservation significant flora and fauna highlighted by the PMST report but without BDBSA records within the 5 km buffer of the Project area may still be classified as possible, likely, or highly likely to occur within the Project area based on suitable habitat alone.

3.4 Field Survey

Field survey was undertaken by Andrew Sinel of Ecosphere on the 13th of January 2026.

3.4.1 Vegetation Survey

The vegetation survey was performed in accordance with the BAM (NVC 2024). The BAM was designed for assessing vegetation that is located within the agricultural region of SA in addition to the Port Augusta City Council and the Flinders Ranges Council. The BAM uses biodiversity surrogates or indicators to measure biodiversity value against benchmark communities. Each area to be assessed is termed an application area (i.e., Block), within which different vegetation associations (i.e., Sites) are identified. Sites are identified based on both flora composition and levels of degradation. For the BAM, three components of the biodiversity value of the Site are measured and scored (Vegetation Condition, Landscape Context, and Conservation Significance). These three component scores are combined to provide a Unit Biodiversity Score (UBS) for a hectare (ha) and then multiplied by the size in ha of the Site to provide a Total Biodiversity Score for the Site. Multiple Sites within a Block are totalled to reach the final overall score.

4 Assessment Outcomes

4.1 Vegetation Assessment

The vegetation within the project area was providing a relatively high cover for the area and showed evidence of previous high disturbance with no soil crust present within the area and suggested that the large majority of the site was likely to be regrowth. The vegetation was dominated by more disturbance resistant and easier to regenerate species which was primarily *Maireana pyramidata* (Black Bluebush) and *Atriplex vesicaria* (Bladder Saltbush) (Figure 4). A small single patch and sparsely scattered individuals of the older lived and less resilient species *Maireana sedifolia* (Pearl Bluebush) were present within the lot further suggesting historical disturbance. A few *Myoporum platycarpum* (False Sandalwood) trees of a single cohort were present along with some newer emergents of this species. Some older dead trees likely to have been remnant *Acacia papyrocarpa* (Western Myall) were the only other cover of greater than 1m in height. Street trees were present on the surrounding nature strip and included species such as *Acacia pendula*, *Acacia salicina* and unknown *Eucalyptus* species of non-local origin.

The total clearance for the area is just under a hectare with some existing clearance undertaken for the existing shed and potentially some spill over from the neighbouring Stratco development on Ian Street (Table 4 & Figure 5). The vegetation scored a unit biodiversity score of 48.40 which was reflective of the condition and habitat value in the context of the surrounding area. The vegetation is not likely to support a significant habitat value due to the surrounding commercial land use and fragmentation present within the City boundary.



Figure 4. Shrubland with unstable soil profile and low growth habit.

Table 4. Vegetation association (i.e., Sites) summary.

Assoc.	Description	Area (ha)	UBS
1	<i>Atriplex vesicaria</i> (Badder Saltbush) +/- <i>Maireana pyramidata</i> (Black Bluebush) Low Shrubland	0.983	48.40

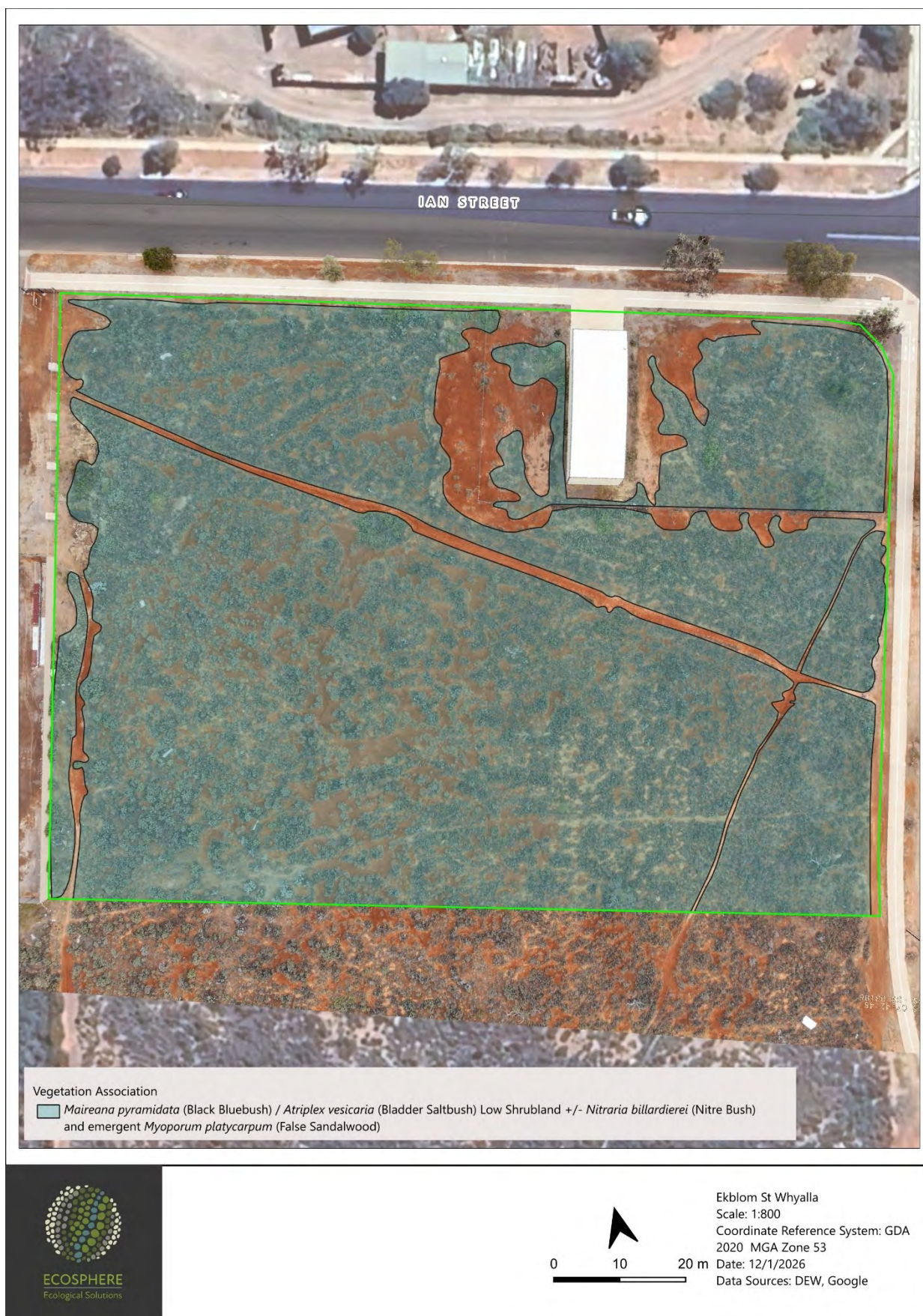


Figure 5. Vegetation mapped within the three lots at 37 Eklom St

4.2 Vegetation Associations

Vegetation association / Site 1	<i>Atriplex vesicaria</i> (Badder Saltbush) +/- <i>Maireana pyramidata</i> (Black Bluebush) Low Shrubland
	Site 1 <i>Maireana pyramidata</i> / <i>Atriplex vesicaria</i> Shrubland. The community was likely to have been previously disturbed with no soil crust present and <i>Maireana pyramidata</i> (Black Bluebush) being the dominant cover which is a known increaser under disturbance. Bladder saltbush was common and widespread across the entire allotment. <i>Maireana sedifolia</i> (Pearl Bluebush) which is grazing pressure susceptible and was sparsely present as two small patches and a few other individuals only. Nitre bush was also sparsely scattered primarily around the margins of the allotment also indicating disturbance and poorer condition. <i>Maireana appressa</i> (Pale-fruit Bluebush) was sparsely present while <i>Sarcocolla praecox</i> (Noon Flower) was senescent and this has been observed at other sites throughout the gulf margin region in the past year. A few <i>Myoporum platycarpum</i> (False Sandalwood) of older age class were present as well as a couple of emergents. Due to the mid-summer timing and absence of significant rainfall recently, no annual species were present within the community largely, with the exception of run off areas associated with the existing dwelling and hardstand areas at the adjacent Stratco carparks and yard. No threatened communities were recorded. The vegetation association potentially provides habitat for the following threatened fauna: • <i>Acanthiza iredalei iredalei</i> (Slender-billed Thornbill, NPW Act: R) • <i>Neophema chrysostoma</i> (Blue-winged Parrot, EPBC Act: VU, NPW Act: V)

4.3 Assessment of Threatened Communities, Flora, and Fauna

4.3.1 EPBC PMST Search Summary

A total of 43 listed threatened flora and fauna and 42 migratory fauna were identified by the EPBC Act PMST report as potentially occurring or having suitable habitat potentially occurring within 5 km of the Project area (Table 5). This included 37 bird species, one fish, three mammals, two plants, four reptiles and a shark. Of these, 14 were considered as known to occur or known to have habitat within the search area of which nine were also migratory species. The ecological MNES protected under the EPBC Act relevant to this report are discussed in detail below.

Table 5. PMST report ecological MNES results summary.

Search area (5 km buffer)	Matters of National Environmental Significance	Identified within search area
	World Heritage Properties	0
	National Heritage Places	0
	Wetlands of International Importance (RAMSAR)	0
	Great Barrier Reef Marine Park	0
	Commonwealth Marine Area	0
	Listed Threatened Ecological Communities	1
	Listed Threatened Species	43
	Listed Migratory Species	42
	Other matters protected by the EPBC	
	Commonwealth Lands	2
	Commonwealth Heritage Places	0
	Listed Marine Species	71
	Whales and Other Cetaceans	8
	Critical Habitats	0
	Commonwealth Reserves Terrestrial	0
	Australian Marine Parks	0
	Habitat Critical to the Survival of Marine Turtles	0
	Extra information	
	State and Territory Reserves	2
	Regional Forest Agreements	0
	Nationally Important Wetlands	0
	EPBC Act Referrals	10
	Key Ecological Features	0
	Biologically Important Areas	3
	Bioregional Assessments	0
	Geological and Bioregional Assessments	0

4.3.2 Threatened Ecological Communities (TEC)

The PMST report indicated that one Threatened Ecological Community (TEC) listed under the EPBC Act occurred or potentially occurred within a 5 km buffer of the Project area (Table 6).

Table 6. Threatened Ecological Communities potentially occurring within the area.

Community	Threatened category	Presence within project area
Subtropical and Temperate Coastal Saltmarsh	Vulnerable	No

4.3.3 Nationally Threatened Flora

Two flora species / subspecies listed as threatened under the EPBC Act were identified in the PMST report as occurring or having suitable habitat occurring within 5 km of the Project area (Table 7). One of these species had records of occurrence within 5 km of the Project area as returned via the NatureMaps BDBSA search (Table 7). However, both species were considered as unlikely to occur within the Project area due to the unsuitability of the local area as a result of past clearance activities and the disturbed nature of native vegetation remaining.

4.3.4 State Threatened Flora

Two flora species of state conservation significance under the NP&W Act but not national significance under the EPBC Act had historical records of occurrence from the NatureMaps BDBSA search within 5 km of the Project area (Table 7). Neither threatened flora species were considered as likely to occur within the Project area due to the unsuitability of the Project area as habitat.

Table 7. Threatened flora listed under the EPBC Act and NP&W Act identified within 5 km of the Project area via the PMST (Source 1), BDBSA (Source 2), or observed during the field survey (Source 3). Likelihood of occurrence refers to presence within the Project area.

Scientific name	Common name	EPBC Act	NP&W Act	Data source	Date of last record	Known habitat preference(s)	Likelihood of occurrence
<i>Acacia pendula</i>	Weeping Myall		V	2	29/10/2018	Planted in the area as street tree. Couple on northern boundary of project site	Unlikely
<i>Orobanche cernua</i> var. <i>australiana</i>	Australian Broomrape		R	2	16/02/2024	Parasitises species such as senecio and Acacia in creek lines and shallow depressions	Unlikely
<i>Pterostylis xerophila</i>	Desert Greenhood	VU	V	1	None	Edges of granite outcrop and run off zones.	Unlikely
<i>Swainsona pyrophila</i>	Yellow Swainson-pea	VU	V	1	None	Range of habitats within mallee and open woodlands as fire responsive species.	Unlikely

NP&W Act: E = Endangered, V = Vulnerable, R = Rare.

EPBC Act: Ex = Extinct, CR = Critically Endangered, EN = Endangered, VU = Vulnerable.

4.3.5 Nationally Threatened Fauna

Six fauna species listed as threatened under the EPBC Act had historical records returned via the NatureMaps BDBSA search (Table 8). These were mostly migratory wetland or shorebird species, and the Grey headed Flying Fox which are not associated with the site. However, Western Grasswren and Southern Whiteface were species recorded and are both highly likely and known to occur in the wider area. It is unlikely though that they utilise this site being central to the city and in proximity to a commercial precinct. The habitat is too fragmented and lacking overstorey cover for either of these to realistically occur here.

Blue-winged Parrot does not have records but has suitable habitat in the area and may fly through this area due to the presence of mown grasslands and the airport nearby which are likely to provide habitat more suited to this species. The actual site vegetation is less likely to provide critical habitat however may be utilised as a temporary stop over or roosting option locally.

4.3.6 State Threatened Fauna

Thirty-two fauna species / subspecies of state conservation significance under the NP&W Act but not national significance under the EPBC Act had historical records of occurrence from the NatureMaps BDBSA search within 5 km of the Project area (Table 8). Of these, state rare and one state vulnerable fauna were considered to possibly occur within the Project area:

Although these threatened species / subspecies may at least be of sporadic occurrence within the vicinity of the Project area, the small scale of clearance within an already disturbed strip of vegetation used for river access by a number of nearby properties is unlikely to pose a significant conservation risk to these threatened species / subspecies. Slender billed Thornbill may persist in this area however with a small home range and ability to occupy areas of low shrubland.

4.3.7 Migratory Fauna

Thirty-one EPBC Act listed migratory species / subspecies were identified by the PMST report as occurring or having suitable habitat occurring within 5 km of the Project area or otherwise have records of occurrence within 5 km of the Project area as returned by the NatureMaps BDBSA search (Table 8).

The migratory birds identified are all unlikely to utilise the Project area directly but may occur in suitable habitat nearby. Migratory birds possibly occur above the Project area as a brief flyover. However, clearance and subsequent jetty construction is unlikely to impact this behaviour.

All other migratory fauna returned by the PMST report represented marine only species of reptile, mammal, and shark which are all unlikely to interact with the Project area.

4.3.8 Marine Fauna

Marine fauna were not considered as part of the desktop assessment with the Project area being entirely terrestrial in nature.

Table 8. Threatened fauna listed under the EPBC Act and NP&W Act and EPBC listed migratory fauna identified within 5 km of the Project area via the PMST (Source 1), BDBSA (Source 2), or observed during the field survey. Likelihood of occurrence refers to presence within the Project area unless otherwise noted.

Scientific name	Common name	EPBC Act	NP&W Act	Data source	Date of last record	Known habitat preference(s)	Likelihood of occurrence
<i>Acanthiza iredalei iredalei</i>	Slender-billed Thornbill (western)		R	2	26/07/2011	Preferred habitat includes shrublands, sometimes near mangroves, salt lakes, or salt flats. They usually choose chenopod shrublands dominated by Samphire (<i>Sarcocornia</i> spp.), Bluebush (<i>Maireana</i> spp.) or Saltbush (<i>Atriplex</i> spp.).	Possible
<i>Actitis hypoleucos</i>	Common Sandpiper		R	2	26/12/2018	Migratory shorebird. Occurs in a variety of coastal and inland wetland habitats with varying levels of salinity.	Unlikely
<i>Amytornis textilis myall</i>	Western Grasswren	VU	V	1, 2	13/09/2024	Open chenopod shrublands, often with dense stands of <i>Acacia tetragonophylla</i> or <i>Maireana pyramidata</i> surrounding drainage lines.	Unlikely
<i>Aphelocephala leucopsis leucopsis</i>	Southern Whiteface	VU		1, 2	11/09/2024	Open woodlands and shrublands with an understorey of grasses or shrubs, or both. Prefers habitat with low tree densities and herbaceous understorey litter cover which provides essential foraging habitat.	Unlikely
<i>Aprasia pseudopulchella</i>	Flinders Ranges Worm-lizard	VU		1	None	Stony or clay soils with a stony surface in open woodland or tussock grassland.	Unlikely
<i>Apus pacificus</i>	Fork-tailed Swift	Mi		1	None	Aerial migratory species. Rarely recorded on the ground.	Unlikely
<i>Ardea intermedia plumifera</i>	Plumed Egret		R	2	25/11/2001	Wetlands, river edges, wet paddocks and occasionally saline estuaries.	Unlikely
<i>Ardenna carneipes</i>	Flesh-footed Shearwater	Mi	R	1	None	Pelagic marine species.	Unlikely
<i>Ardenna grisea</i>	Sooty Shearwater	VU		2	None	Pelagic marine species.	Unlikely
<i>Ardeotis australis</i>	Australian Bustard		V	2	26/03/2005	Dry plains, grasslands and open woodlands. Favour tussock and hummock grasslands.	Unlikely
<i>Arenaria interpres</i>	Ruddy Turnstone	VU		2	None	Exposed rocks or reefs, often with shallow pools, beaches and mudflats.	Unlikely
<i>Balaenoptera edeni</i>	Bryde's Whale	Mi	R	1	None	Marine species.	Unlikely
<i>Biziura lobata menziesi</i>	Musk Duck		R	2	13/04/2024	Deep freshwater lagoons with dense reed beds.	Unlikely
<i>Calidris acuminata</i>	Sharp-tailed Sandpiper	VU		1, 2	10/11/2023	Migratory wetland species. Does not breed in Australia. Inhabits Intertidal mudflats, freshwater swamps, and saltwater lakes.	Unlikely

Scientific name	Common name	EPBC Act	NP&W Act	Data source	Date of last record	Known habitat preference(s)	Likelihood of occurrence
<i>Calidris alba</i>	Sanderling	Mi	R	1	None	Mostly on sandy beaches exposed to open sea-swell and also exposed sandbars and spits.	Unlikely
<i>Calidris canutus</i>	Red Knot, Knot	VU		2	None	Intertidal mudflats, sandflats and sandy beaches of sheltered coasts. Occasionally saline wetlands near the coast.	Unlikely
<i>Calidris ferruginea</i>	Curlew Sandpiper	CR		2	None	Migratory wetland species. Does not breed in Australia. Prefers coastal or inland mudflats but will also visit artificial dams and inland water habitats, freshwater and brackish wetlands.	Unlikely
<i>Calidris melanotos</i>	Pectoral Sandpiper	Mi	R	1	None	Migratory wetland species. Inhabits freshwater or brackish wetlands, grassy or lightly vegetated coastal and inland swamps.	Unlikely
<i>Calidris pugnax</i>	Ruff	Mi	R	1	None	Fresh, brackish or saline wetlands with exposed mudflats at the edges, lakes, swamps and floodlands.	Unlikely
<i>Calidris ruficollis</i>	Red-necked Stint	Mi		1	None	Coastal areas including sheltered inlets, bays and estuaries with intertidal mudflats.	Unlikely
<i>Caperea marginata</i>	Pygmy Right Whale	Mi	R	1	None	Marine species.	Unlikely
<i>Carcharodon carcharias</i>	Great White Shark	VU		1	None	Marine species.	Unlikely
<i>Caretta caretta</i>	Loggerhead Turtle	EN		1	None	Marine species.	Unlikely
<i>Charadrius leschenaultii</i>	Greater Sand Plover	VU		2	None	Coastal, inhabiting littoral and estuarine habitats.	Unlikely
<i>Charadrius veredus</i>	Oriental Plover	Mi		1	None	Estuarine mudflats and sandbanks, on sandy or rocky ocean beaches or nearby reefs, or in near-coastal grasslands.	Unlikely
<i>Chelonia mydas</i>	Green Turtle	VU		1	None	Marine species.	Unlikely
<i>Cladorhynchus leucocephalus</i>	Banded Stilt		V	2	14/06/2018	Saline and hyper saline waters of inland and coast or open freshwater wetlands.	Unlikely
<i>Dermochelys coriacea</i>	Leatherback Turtle	EN		1	None	Marine species.	Unlikely
<i>Diomedea antipodensis</i>	Antipodean Albatross	VU		2	None	Marine species.	Unlikely
<i>Diomedea epomophora</i>	Southern Royal Albatross	VU		2	None	Marine species.	Unlikely
<i>Diomedea exulans</i>	Wandering Albatross	VU		2	None	Marine species.	Unlikely
<i>Egretta garzetta nigripes</i>	Little Egret		R	2	13/04/2024	Wetlands, river edges, wet paddocks and occasionally saline estuaries.	Unlikely

Scientific name	Common name	EPBC Act	NP&W Act	Data source	Date of last record	Known habitat preference(s)	Likelihood of occurrence
<i>Eubalaena australis</i>	Southern Right Whale	EN		1	None	Marine species.	Unlikely
<i>Falco hypoleucos</i>	Grey Falcon	VU		1	None	Inhabits shrubland, grassland and wooded watercourses in arid/semi-arid regions of inland areas. Widespread, but sparse distribution across Australia.	Unlikely
<i>Gallinago hardwickii</i>	Latham's Snipe, Japanese Snipe	VU		1	None	Migratory wetland species. Inhabits tussock grass and low dense sedges surrounding freshwater, permanent and ephemeral wetlands. Can also occur in habitats with saline or brackish water.	Unlikely
<i>Gallinago stenura</i>	Pin-tailed Snipe	Mi		1	None	Shallow freshwater swamps, ponds and lakes with emergent, sparse to dense cover of grass/sedge or other vegetation.	Unlikely
<i>Leipoa ocellata</i>	Malleefowl	VU	E	1	None	Semi-arid to arid shrublands and low woodlands, especially those dominated by mallee and/or acacias.	Unlikely
<i>Limosa lapponica baueri</i>	Nunivak Bar-tailed Godwit	EN		1	None	Does not breed in Australia. Exposed sandy or soft mud intertidal flats and beaches, tidal estuaries and harbours.	Unlikely
<i>Limosa limosa melanuroides</i>	Black-tailed Godwit	EN	R	2	11/11/2018	Does not breed in Australia. Exposed sandy or soft mud intertidal flats and beaches, tidal estuaries and harbours	Unlikely
<i>Macronectes giganteus</i>	Southern Giant-Petrel	EN		1	None	Marine species.	Unlikely
<i>Macronectes halli</i>	Northern Giant Petrel	VU		1	None	Marine species.	Unlikely
<i>Motacilla cinerea</i>	Grey Wagtail	Mi		1	None	Prefers fast-flowing streams and rivers often in forested areas, in addition to lowland watercourses.	Unlikely
<i>Motacilla flava</i>	Yellow Wagtail	Mi		1	None	Inhabits a variety of damp or wet habitats including marshes and bogs. Forages in damp grassland or on bare ground at the edge of rivers, lakes and other wetlands.	Unlikely
<i>Neophema chrysostoma</i>	Blue-winged Parrot	VU	V	1	None	Coastal, sub-coastal and inland areas, through to semi-arid zones. Favours grasslands and grassy woodlands, often found near wetlands both near the coast and in semi-arid zones. Also occurs in altered environments such as airfields, golf-courses and paddocks.	Possible
<i>Neophoca cinerea</i>	Australian Sea-lion	EN	V	1	None	Marine species.	Unlikely
<i>Numenius madagascariensis</i>	Eastern Curlew	CR		1	None	Intertidal mudflats and sandflats, often with beds of seagrass, on sheltered coasts especially estuaries, mangrove swamps bays and lagoons.	Unlikely

Scientific name	Common name	EPBC Act	NP&W Act	Data source	Date of last record	Known habitat preference(s)	Likelihood of occurrence
<i>Pachycephala inornata</i>	Gilbert's Whistler		R	2	6/10/2022	Pelagic marine species.	Unlikely
<i>Pachyptila turtur subantarctica</i>	Fairy Prion (southern)	VU		1	None	Marine species.	Unlikely
<i>Pandion haliaetus</i>	Osprey	Mi	E	1	None	Areas around shallow waters, sufficiently tolerant of human settlement to persist in suburban and sometimes urban environments.	Unlikely
<i>Pedionomus torquatus</i>	Plains-wanderer	CR	E	1	None	Inhabits semi-arid, native grasslands with a diversity of plant species, which usually occur on red-brown soils.	Unlikely
<i>Phoebastria fusca</i>	Sooty Albatross	VU		1	None	Marine species.	Unlikely
<i>Plegadis falcinellus</i>	Glossy Ibis		R	2	8/01/2017	Feed in very shallow water such as marshes, margins of lakes or flood-plain/flooded grassland areas.	Unlikely
<i>Pteropus poliocephalus</i>	Grey-headed Flying-fox	VU	R	2	21/11/2024		Unlikely
<i>Rostratula australis</i>	Australian Painted Snipe	EN	E	1	None	Shallow terrestrial freshwater (occasionally brackish) wetlands, including temporary and permanent lakes, swamps and clay pans.	Unlikely
<i>Seriolella brama</i>	Blue Warehou	CD		1	None	Marine species.	Unlikely
<i>Sminthopsis psammophila</i>	Sandhill Dunnart	EN	E	1	None	Sand dunes dominated by spinifex hummock grass (<i>Triodia</i> spp.).	Unlikely
<i>Spatula rhynchotis</i>	Australasian Shoveler		R	2	13/04/2024		Unlikely
<i>Stagonopleura guttata</i>	Diamond Firetail	VU	V	1	None	Eucalypt, acacia or casuarina woodlands, open forests and other lightly timbered habitats including farmland and grassland. Preferably, there are areas with relatively low tree density, little litter cover but long grass cover.	Unlikely
<i>Sternula nereis nereis</i>	Australian Fairy Tern	VU	V	1	None	Offshore, estuarine or lake islands, wetlands, beaches and spits.	Unlikely
<i>Stictonetta naevosa</i>	Freckled Duck		V	2	20/07/2017	Permanent freshwater swaps and creeks with heavy growth of Cumbungi (bullrushes), lignum or tea tree.	Unlikely
<i>Thalassarche carteri</i>	Indian Yellow-nosed Albatross	VU		1	None	Marine species.	Unlikely
<i>Thalassarche cauta</i>	Shy Albatross	EN		1	None	Marine species.	Unlikely
<i>Thalassarche impavida</i>	Campbell Albatross	VU		1	None	Marine species.	Unlikely
<i>Thalassarche melanophris</i>	Black-browed Albatross	VU		1	None	Marine species.	Unlikely
<i>Thalassarche steadi</i>	White-capped Albatross	VU		1	None	Marine species.	Unlikely

Scientific name	Common name	EPBC Act	NP&W Act	Data source	Date of last record	Known habitat preference(s)	Likelihood of occurrence
<i>Thinornis cucullatus cucullatus</i>	Eastern Hooded Plover	VU		1	None	Wide beaches backed by dunes with substantial amounts of seaweed. Creek mouths and inlet entrances.	Unlikely
<i>Tringa glareola</i>	Wood Sandpiper		R	2	13/04/2024	Permanent and ephemeral wetlands, including swamps, lakes, rivers, creeks, inundated floodplains, claypans and salt flats.	Unlikely
<i>Tringa nebularia</i>	Common Greenshank	EN		1, 2	21/02/2019	Permanent or ephemeral wetlands including swamps, lagoons, saltmarshes and intertidal mudflats.	Unlikely
<i>Tringa stagnatilis</i>	Marsh Sandpiper	Mi		1	None	Permanent or ephemeral wetlands including swamps, lagoons, saltmarshes and intertidal mudflats.	Unlikely
<i>Zapornia tabuensis</i>	Spotless Crake		R	2	29/08/1999	Well vegetated freshwater wetlands with rushes, reeds and cumbungi. Will also frequent muddy areas, reedbeds or wetlands.	Unlikely

NP&W Act: E = Endangered, V = Vulnerable, R = Rare.

EPBC Act: Ex = Extinct, CR = Critically Endangered, EN = Endangered, VU = Vulnerable, CD = Conservation Dependent, Mi = Migratory.

4.4 Cumulative Impact

When exercising a power or making a decision under Division 5 of the Native Vegetation Regulations 2017, the NVC must consider the potential cumulative impact, both direct and indirect, that is reasonably likely to result from a proposed clearance activity.

The clearance is proposed within a commercial precinct and given the likelihood of fencing being constructed around the boundary a fire buffer may be required for an asset protection zone. This has not occurred at other allotments within the area, and the nature of the vegetation means that access would be available for fire implements if necessary and that no grading or removal of vegetation would be required as a fire protection measure. Therefore, no cumulative impacts related to asset protection zones have been added to this proposal.

Stormwater will run off to the street and therefore no impacts related to flooding or sedimentation of surrounding vegetation is likely to be an issue.

No other cumulative impacts are expected as part of this proposal that aren't already occurring from similar commercial areas at this site.

4.5 Address the Mitigation Hierarchy

When exercising a power or making a decision under Division 5 of the Native Vegetation Regulations 2017, the NVC must have regard to the mitigation hierarchy. The NVC will also consider, with the aim to minimize, impacts on biological diversity, soil, water and other natural resources, threatened species or ecological communities under the EPBC Act or listed species under the NP&W Act.

a) **Avoidance** – outline measures taken to avoid clearance of native vegetation.

The project area may retain small shrubs or trees in the area if they fit within suitable areas and be manageable and sustainable. Shrublands may be incorporated into landscaping plans where suitable as a way to stabilise soil profiles and increase visual amenity. The land use may not be conducive to retention of native vegetation due to requirements for turning circles or access for heavy and transport vehicles plus unloading areas.

b) **Minimization** –

Minimisation will be achieved with no additional clearance undertaken for fire breaks around the outside of the boundary in keeping with other boundaries within this zone.

c) **Rehabilitation or restoration** –

Weed control for any species emerging within the surrounding shrubland should be undertaken if a direct spread from the project area.

d) **Offset** – any adverse impact on native vegetation that cannot be avoided or further minimized should be offset by the achievement of a significant environmental benefit that outweighs that impact.

The SEB can be met through payment into the NV fund. Total payment for the direct clearance of vegetation associated with the residential subdivision is \$5,517.00 plus an administration fee of \$303.44 totalling \$5,820.44

4.5 Principles of Clearance (Schedule 1, *Native Vegetation Act 1991*)

The Native Vegetation Council will consider Principles 1(b), 1(c) and 1(d) when assigning a level of Risk under Regulation 16 of the Native Vegetation Regulations. The Native Vegetation Council will consider all the Principles of clearance of the Act as relevant, when considering an application referred to under the *Planning, Development and Infrastructure Act 2016*.

Principle of clearance	Considerations
Principle 1a - it comprises a high level of diversity of plant species	<u>Relevant information</u> <u>The number of plant species recorded (native and introduced) for each vegetation association:</u> - Site 1 = 9 native and 2 introduced. <u>Bushland Plant Diversity Score –</u> - Site 1 = 14 <u>Assessment against the principles</u> <u>Not At Variance –</u> <u>Moderating factors that may be considered by the NVC</u> Moderate diversity with additional species just outside of project area.
Principle 1b - significance as a habitat for wildlife	<u>Relevant information</u> <u>List of threatened species that were recorded or may use the vegetation:</u> The Project area potentially provides habitat for the following threatened fauna species: <i>Acanthiza iredalei iredalei</i> (Slender-billed Thornbill, NPW Act: R) <i>Neophema chrysostoma</i> (Blue-winged Parrot, EPBC Act: VU, NPW Act: V) <u>Detail if the vegetation support a high diversity of animal species:</u> - The vegetation within the Project area is not likely to support a high diversity of fauna given the surrounding vegetated zone and periods of inundation. <u>Detail if the vegetation provide a corridor for movements between other areas of native vegetation, or a habitat refuge, especially in heavily cleared areas:</u> - The vegetation <i>per se</i> is unlikely to provide a corridor allowing movement between other areas of native vegetation. The commercial use and surrounding residential areas mean that this is not a significant ecological site. <u>Threatened Fauna Score –</u> Site 1 = 0.08 <u>Unit biodiversity Score –</u> Site 1 = 45.78 <u>Assessment against the principles</u> <u>Seriously at Variance</u> <u>Moderating factors that may be considered by the NVC</u> While it is possible these species may occur here it is unlikely that they will use the area based on the availability of surrounding vegetation and proximity to disturbance. There is significant remnants within 5km of this area which would be far more preferential for species to use for their habitat requirements.
Principle 1c - plants of a rare, vulnerable or endangered species	<u>Relevant information</u> <u>List threatened species that were recorded for the site or that may be present but undetectable at the time of assessment (e.g., orchids):</u> No threatened flora were considered likely to occur within the Block outside of the time the field survey was conducted. <u>Threatened Flora Score(s) –</u> Site 1 = 0.00 <u>Assessment against the principles</u> <u>Not At Variance –</u>

Principle of clearance	Considerations
	<u>Moderating factors that may be considered by the NVC</u> N/A
Principle 1d - the vegetation comprises the whole or part of a plant community that is Rare, Vulnerable or endangered:	<u>Relevant information</u> Identify any threatened communities under the EPBC Act or threatened ecosystems under the DEW Provisional list of threatened ecosystems present? No threatened communities under the EPBC Act or threatened ecosystems under the DEW Provisional list of threatened ecosystems were recorded within the Project area. <u>Threatened Community Score</u> – Site 1 = 1
	<u>Assessment against the principles</u> <u>Not at Variance</u>
	<u>Moderating factors that may be considered by the NVC</u> N/A
Principle 1e - it is significant as a remnant of vegetation in an area which has been extensively cleared.	<u>Relevant information</u> Provide remnancy figures for IBRA Association and IBRA Subregion: Red Rock IBRA Environmental Association = 100 % Myall Plains IBRA Subregion = 97 % <u>Total Biodiversity Score</u> – Site 1 = 47.58
	<u>Assessment against the principles</u> <u>Not At Variance</u>
	<u>Moderating factors that may be considered by the NVC</u> N/A
Principle 1f - it is growing in, or in association with, a wetland environment.	<u>Relevant information</u> The Project area is not associated with a wetland environment,
	<u>Assessment against the principles</u> <u>Not At Variance</u> –
	<u>Moderating factors that may be considered by the NVC</u> N/A
Principle 1g - it contributes significantly to the amenity of the area in which it is growing or is situated.	<u>Relevant information</u> Low level amenity value. N/A
	<u>Moderating factors that may be considered by the NVC</u>

Principles of Clearance (h-m) will be considered by comments provided by the local NRM Board or relevant Minister. The Data Report should contain information on these principles where relevant and where sufficient information or expertise is available.

4.6 Risk Assessment

Determine the level of risk associated with the application

Total clearance	No. of trees	N/A
	Area (ha)	0.983
	Total biodiversity Score	47.58
Seriously at variance with principle 1(b), 1(c) or 1 (d)		Seriously at Variance with 1(b)
Risk assessment outcome		Level 4

4.7 NVC Guidelines

Provide any other information that demonstrates that the clearance complies with any relevant NVC guidelines related to the activity.

N/A

5 Clearance Summary

5.1 Clearance Area(s) Summary Tables

Block	Site	Native species diversity score	Threatened ecological community Score	Threatened plant score	Threatened fauna score	UBS	Area (ha)	Total biodiversity score	Loss factor	Loadings	Reductions	SEB points required	SEB payment	Admin fee
1	1	14	1	0	0.08	48.4	0.983	47.58	1.0			52.34	\$5,517.00	\$303.44
						Total	0.983	47.58				52.34	\$5,517.00	\$303.44

5.2 Scattered Trees Summary Table

N/A

5.3 Totals Summary Table

Insert table containing totals from Summary Clearance Table as well as Economies of scale and rainfall.

	Total biodiversity score	Total SEB points required	SEB payment	Admin fee	Total payment
Application	47.58	52.34	\$5,517.00	\$303.44	\$5,820.44

IBRA Association percent vegetation remnancy (%)	100 %
IBRA Subregion percent vegetation remnancy (%)	97 %
Is the vegetation associated with a wetland	No
Economies of Scale Factor	0.11
Rainfall (mm)	264 mm

6 Significant Environmental Benefit

A Significant Environmental Benefit (SEB) is required for approval to clear under Division 5 of the *Native Vegetation Regulations 2017*. The NVC must be satisfied that as a result of the loss of vegetation from the clearance that an SEB will result in a positive impact on the environment that is over and above the negative impact of the clearance.

ACHIEVING AN SEB

Indicate how the SEB will be achieved by ticking the appropriate box and providing the associated information:

- ☐ Establish a new SEB Area on land owned by the proponent.
- ☐ Use SEB Credit that the proponent has established. Provide the SEB Credit Ref. No. _____
- ☐ Apply to have SEB Credit assigned from another person or body. The [application form](#) needs to be submitted with this Data Report.
- ☐ Apply to have an SEB to be delivered by a Third Party. The [application form](#) needs to be submitted with this Data Report.
- ☒ Pay into the Native Vegetation Fund.

PAYMENT SEB

If a proponent proposes to achieve the SEB by paying into the Native Vegetation Fund, summary information must be provided on the amount required to be paid and the manner of payment:

- The SEB will be met through payment into the NV fund. Total payment for the direct clearance of vegetation associated with the residential subdivision is \$5,517.00 plus an administration fee of \$303.44 totalling \$5,820.44.

7 References

- Department of Climate Change, Energy, the Environment and Water (DCCEEW) (2026) Protected Matters Search Tool. Accessed: 5th January 2026. Available at: <http://www.environment.gov.au/epbc/protected-matters-search-tool>
- Department for Environment and Water (DEW) (2025) BDBSA Supertable overview. Accessed: 5th January 2026 Available at: <https://www.environment.sa.gov.au/topics/science/information-and-data/biological-databases-of-south-australia>
- NatureMaps (2026) EnviroData SA. Government of South Australia, Department of Environment and Water (DEW). Available at: <http://spatialwebapps.environment.sa.gov.au/naturemaps/?locale=en-us&viewer=naturemaps>
- Native Vegetation Council (2024) Bushland Assessment Manual. Government of South Australia, Department for Environment and Water, Adelaide.

8 Appendices

Appendix 1. PMST Results

Species ID	Scientific Name	Common Name	Class	Simple Presence	Threatened Category	Migratory Status
529	<i>Aphelocephala leucopsis</i>	Southern Whiteface	Bird	Known	Vulnerable	
872	<i>Arenaria interpres</i>	Ruddy Turnstone	Bird	Known	Vulnerable	Migratory
1001	<i>Botaurus poiciloptilus</i>	Australasian Bittern	Bird	Known	Endangered	
874	<i>Calidris acuminata</i>	Sharp-tailed Sandpiper	Bird	Known	Vulnerable	Migratory
855	<i>Calidris canutus</i>	Red Knot, Knot	Bird	Known	Vulnerable	Migratory
856	<i>Calidris ferruginea</i>	Curlew Sandpiper	Bird	Known	Critically Endangered	Migratory
862	<i>Calidris tenuirostris</i>	Great Knot	Bird	Known	Vulnerable	Migratory
877	<i>Charadrius leschenaultii</i>	Greater Sand Plover, Large Sand Plover	Bird	Likely	Vulnerable	Migratory
879	<i>Charadrius mongolus</i>	Lesser Sand Plover, Mongolian Plover	Bird	Known	Endangered	Migratory
929	<i>Falco hypoleucos</i>	Grey Falcon	Bird	Likely	Vulnerable	
863	<i>Gallinago hardwickii</i>	Latham's Snipe, Japanese Snipe	Bird	Known	Vulnerable	Migratory
470	<i>Grantiella picta</i>	Painted Honeyeater	Bird	May	Vulnerable	
934	<i>Leipoa ocellata</i>	Malleefowl	Bird	Likely	Vulnerable	
86380	<i>Limosa lapponica baueri</i>	Nunivak Bar-tailed Godwit, Western Alaskan Bar-tailed Godwit	Bird	Known	Endangered	
845	<i>Limosa limosa</i>	Black-tailed Godwit	Bird	Known	Endangered	Migratory
67093	<i>Melanodryas cucullata cucullata</i>	South-eastern Hooded Robin, Hooded Robin (south-eastern)	Bird	Known	Endangered	
747	<i>Neophema chrysogaster</i>	Orange-bellied Parrot	Bird	Known	Critically Endangered	
726	<i>Neophema chrysostoma</i>	Blue-winged Parrot	Bird	Known	Vulnerable	
847	<i>Numenius madagascariensis</i>	Eastern Curlew, Far Eastern Curlew	Bird	Known	Critically Endangered	Migratory
64445	<i>Pachyptila tutur subantarctica</i>	Fairy Prion (southern)	Bird	Likely	Vulnerable	
906	<i>Pedionomus torquatus</i>	Plains-wanderer	Bird	May	Critically Endangered	
865	<i>Pluvialis squatarola</i>	Grey Plover	Bird	Known	Vulnerable	Migratory
77037	<i>Rostratula australis</i>	Australian Painted Snipe	Bird	Known	Endangered	
80202	<i>Stagonopleura bella samueli</i>	Western Beautiful Firetail, Beautiful Firetail (Mt Lofty Range and Kangaroo Island)	Bird	May	Endangered	
59398	<i>Stagonopleura guttata</i>	Diamond Firetail	Bird	Known	Vulnerable	
82950	<i>Sternula nereis nereis</i>	Australian Fairy Tern	Bird	Known	Vulnerable	
26005	<i>Stipiturus malachurus intermedius</i>	Fleurieu Peninsula Southern Emu-wren, Mount Lofty Southern Emu-wren	Bird	Likely	Endangered	
66472	<i>Thalassarche melanophris</i>	Black-browed Albatross	Bird	Likely	Vulnerable	Migratory

Species ID	Scientific Name	Common Name	Class	Simple Presence	Threatened Category	Migratory Status
90381	<i>Thinornis cucullatus cucullatus</i>	Eastern Hooded Plover, Eastern Hooded Plover	Bird	Known	Vulnerable	
832	<i>Tringa nebularia</i>	Common Greenshank, Greenshank	Bird	Known	Endangered	Migratory
59300	<i>Xenus cinereus</i>	Terek Sandpiper	Bird	Known	Vulnerable	Migratory
56791	<i>Craterocephalus fluviatilis</i>	Murray Hardyhead	Fish	Known	Endangered	
84745	<i>Galaxias rostratus</i>	Flathead Galaxias, Beaked Minnow, Flat-headed Galaxias, Flat-headed Jollytail, Flat-headed Minnow	Fish	May	Critically Endangered	
66633	<i>Maccullochella peelii</i>	Murray Cod	Fish	Known	Vulnerable	
91711	<i>Nannoperca australis Murray-Darling Basin lineage</i>	Southern Pygmy Perch (Murray-Darling Basin lineage)	Fish	Known	Vulnerable	
26177	<i>Nannoperca obscura</i>	Yarra Pygmy Perch	Fish	May	Endangered	
1828	<i>Litoria raniformis</i>	Southern Bell Frog, Growling Grass Frog, Green and Golden Frog, Warty Swamp Frog, Golden Bell Frog	Frog	Known	Vulnerable	
186	<i>Pteropus poliocephalus</i>	Grey-headed Flying-fox	Mammal	May	Vulnerable	
5319	<i>Acacia pinguifolia</i>	Fat-leaved Wattle, Fat-leaf Wattle	Plant	Likely	Endangered	
11282	<i>Acacia rheticocarpa</i>	Neat Wattle, Resin Wattle (SA)	Plant	Likely	Vulnerable	
54999	<i>Caladenia colorata</i>	Coloured Spider-orchid, Small Western Spider-orchid, Painted Spider-orchid	Plant	Likely	Endangered	
55000	<i>Caladenia conferta</i>	Coast Spider-orchid	Plant	May	Endangered	
24390	<i>Caladenia tensa</i>	Greencomb Spider-orchid, Rigid Spider-orchid	Plant	Known	Endangered	
76189	<i>Hibbertia tenuis</i>	null	Plant	Likely	Critically Endangered	
12348	<i>Olearia pannosa subsp. pannosa</i>	Silver Daisy-bush, Silver-leaved Daisy, Velvet Daisy-bush	Plant	Likely	Vulnerable	
81621	<i>Prasophyllum muretii</i>	Fleurieu Leek Orchid	Plant	Likely	Critically Endangered	
17919	<i>Pterostylis arenicola</i>	Sandhill Greenhood Orchid	Plant	Likely	Vulnerable	
16333	<i>Senecio macrocarpus</i>	Large-fruit Fireweed, Large-fruit Groundsel	Plant	May	Vulnerable	
11896	<i>Thelymitra epipactoides</i>	Metallic Sun-orchid	Plant	Likely	Endangered	
88011	<i>Thelymitra orientalis</i>	Hoary Sun-orchid	Plant	May	Critically Endangered	

Appendix 2. BDBSA flora records.

Species Name	Common Name	EPBC Act	NPW Act	Most Recent Obs
<i>Acacia calamifolia</i>	Wallowa			15/10/2015
<i>Acacia cupularis</i>	Cup Wattle			14/10/2015
<i>Acacia cyclops</i>	Western Coastal Wattle			30/08/2011
<i>Acacia dodonaeifolia</i>	Hop-bush Wattle		R	1/01/2015
<i>Acacia euthycarpa</i>	Wallowa			4/12/2004
<i>Acacia leiophylla</i>	Coast Golden Wattle			14/10/2015
<i>Acacia longifolia</i> ssp.	Sallow Wattle			6/06/2013
<i>Acacia longifolia</i> ssp. <i>longifolia</i>	Sallow Wattle			8/10/2014
<i>Acacia longifolia</i> ssp. <i>sophorae</i>	Coastal Wattle			13/10/2015
<i>Acacia myrtifolia</i>	Myrtle Wattle			1/07/2015
<i>Acacia paradoxa</i>	Kangaroo Thorn			28/10/2015
<i>Acacia pycnantha</i>	Golden Wattle			15/10/2015
<i>Acacia saligna</i>	Golden Wreath Wattle			30/08/2011
<i>Acacia</i> sp.	Wattle			6/06/2013
<i>Acacia spinescens</i>	Spiny Wattle			14/10/2015
<i>Acrotriche serrulata</i>	Cushion Ground-berry			29/10/2013
<i>Actinobole uliginosum</i>	Flannel Cudweed			28/10/2015
<i>Adriana quadripartita</i>	Coast Bitter-bush			13/10/2015
<i>Aira cupaniana</i>	Small Hair-grass			29/10/2013
<i>Aira</i> sp.	Hair-grass			28/10/2015
<i>Aizoon pubescens</i>	Coastal Galenia			14/10/2015
<i>Allocastrum pusilla</i>	Dwarf Oak-bush			29/05/2013
<i>Allocastrum verticillata</i>	Drooping Sheoak			14/10/2015
<i>Alternanthera pungens</i>	Khaki Weed			2/12/2011
<i>Ammophila arenaria</i>	Marram Grass			20/03/2002
<i>Amphipogon caricinus</i> var. <i>caricinus</i>	Long Grey-beard Grass			20/03/2002
<i>Amyema miquelii</i>	Box Mistletoe			14/10/2015
<i>Amyema</i> sp.	Mistletoe			28/10/2015
<i>Anthosachne scabra</i>	Native Wheat-grass			4/12/2004
<i>Apium prostratum</i> var. <i>filiforme</i>	Native Celery			11/03/2009
<i>Arctotheca calendula</i>	Cape Weed			28/10/2015
<i>Aristida behriana</i>	Brush Wire-grass			8/10/2014
<i>Arthropodium fimbriatum</i>	Nodding Vanilla-lily			28/10/2015
<i>Arthropodium strictum</i>	Common Vanilla-lily			28/10/2015
<i>Asparagus asparagoides</i>	Bridal Creeper			29/10/2013
<i>Asparagus asparagoides</i> f.	Bridal Creeper			28/10/2015
<i>Asperula conferta</i>	Common Woodruff			8/10/2014
<i>Asphodelus fistulosus</i>	Onion Weed			14/10/2015
<i>Atriplex paludosa</i> ssp.	Marsh Saltbush			14/10/2015
<i>Atriplex paludosa</i> ssp. <i>cordata</i>	Marsh Saltbush			21/03/2002

Species Name	Common Name	EPBC Act	NPW Act	Most Recent Obs
<i>Atriplex rhagodioides</i>	River Saltbush			1/01/2015
<i>Atriplex semibaccata</i>	Berry Saltbush			28/10/2015
<i>Atriplex suberecta</i>	Lagoon Saltbush			1/04/2009
<i>Austrostipa blackii</i>	Crested Spear-grass			3/12/2004
<i>Austrostipa drummondii</i>	Cottony Spear-grass			1/01/2015
<i>Austrostipa elegantissima</i>	Feather Spear-grass			28/10/2015
<i>Austrostipa eremophila</i>	Rusty Spear-grass			28/10/2015
<i>Austrostipa exilis</i>	Heath Spear-grass			4/12/2004
<i>Austrostipa flavescens</i>	Coast Spear-grass			1/07/2015
<i>Austrostipa hemipogon</i>	Half-beard Spear-grass			29/10/2013
<i>Austrostipa mollis</i>	Soft Spear-grass			4/12/2004
<i>Austrostipa mundula</i>	Neat Spear-grass			7/11/1996
<i>Austrostipa nodosa</i>	Tall Spear-grass			1/01/2014
<i>Austrostipa puberula</i>	Fine-hairy Spear-grass			3/11/2012
<i>Austrostipa scabra ssp. falcata</i>	Slender Spear-grass			28/10/2015
<i>Austrostipa semibarbata</i>	Fibrous Spear-grass			2/11/1997
<i>Austrostipa sp.</i>	Spear-grass			28/10/2015
<i>Austrostipa stipoides</i>	Coast Spear-grass			1/01/2015
<i>Austrostipa tenuifolia</i>			R	15/11/2002
<i>Austrostipa trichophylla</i>				15/11/2002
<i>Avellinia festucoides</i>	Avellinia			4/12/2004
<i>Avena barbata</i>	Bearded Oat			15/10/2015
<i>Azolla pinnata</i>	Ferny Azolla			18/06/2024
<i>Azolla rubra</i>	Pacific Azolla			15/03/2016
<i>Azolla sp.</i>	Azolla			10/04/2015
<i>Bellardia latifolia</i>	Red Bartsia			28/10/2015
<i>Berula erecta</i>	Water Parsnip			18/06/2024
<i>Billardiera cymosa ssp.</i>	Sweet Apple-berry			1/01/2015
<i>Billardiera cymosa ssp. cymosa</i>	Sweet Apple-berry			28/10/2015
<i>Billardiera cymosa/versicolor</i>	Apple-berry			31/10/2013
<i>Billardiera versicolor</i>	Yellow-flower Apple-berry			29/10/2013
<i>Blennospora drummondii</i>	Dwarf Button-flower			28/10/2015
<i>Bolboschoenus caldwellii</i>	Salt Club-rush			18/06/2024
<i>Bolboschoenus medianus</i>	Marsh Club-rush			15/06/1996
<i>Brachyloma ericoides ssp. ericoides</i>	Brush Heath			3/12/2004
<i>Brachypodium distachyon</i>	False Brome			14/10/2015
<i>Brachyscome perpusilla</i>	Tiny Daisy			14/10/2015
<i>Brassica tournefortii</i>	Wild Turnip			15/10/2015
<i>Briza maxima</i>	Large Quaking-grass			28/10/2015
<i>Briza minor</i>	Lesser Quaking-grass			28/10/2015
<i>Bromus diandrus</i>	Great Brome			15/10/2015
<i>Bromus hordeaceus ssp. hordeaceus</i>	Soft Brome			14/10/2015

Species Name	Common Name	EPBC Act	NPW Act	Most Recent Obs
<i>Bromus rubens</i>	Red Brome			15/11/2019
<i>Burchardia umbellata</i>	Milkmaids			28/10/2015
<i>Bursaria spinosa ssp.</i>	Bursaria			1/01/2015
<i>Bursaria spinosa ssp. spinosa</i>	Sweet Bursaria			14/10/2015
<i>Caladenia sp.</i>	Spider-orchid			28/10/2015
<i>Callistemon rugulosus</i>	Scarlet Bottlebrush			28/10/2015
<i>Callitris gracilis</i>	Southern Cypress Pine			14/10/2015
<i>Calystegia sepium</i>	Large Bindweed			18/06/2024
<i>Calystegia sepium (NC)</i>	Large Bindweed			28/11/2003
<i>Calytrix tetragona</i>	Common Fringe-myrtle			29/05/2013
<i>Carex appressa</i>	Tall Sedge			14/12/2021
<i>Carex fascicularis</i>	Tassel Sedge			18/06/2024
<i>Carpobrotus rossii</i>	Native Pigface			1/01/2015
<i>Carpobrotus rossii (NC)</i>	Native Pigface			21/03/2002
<i>Carpobrotus sp.</i>	Pigface			29/10/2013
<i>Cassytha melantha</i>	Coarse Dodder-laurel			28/10/2015
<i>Casuarina glauca</i>	Grey Bul oak			2/12/2011
<i>Catapodium rigidum</i>	Rigid Fescue			8/10/2014
<i>Cenchrus clandestinus</i>	Kikuyu			12/12/2023
<i>Cenchrus sp.</i>	Buffel Grass/Burr-grass			6/11/2013
<i>Centaurea calcitrapa</i>	Star Thistle			12/12/2023
<i>Centaureum tenuiflorum</i>	Branched Centaury			4/12/2004
<i>Centella asiatica</i>	Asian Centella			18/06/2024
<i>Centrolepis strigosa ssp. strigosa</i>	Hairy Centrolepis			29/10/2013
<i>Cerastium sp.</i>	Chickweed			31/10/2013
<i>Ceratophyllum demersum</i>	Hornwort		R	18/06/2024
<i>Chondrilla juncea</i>	Skeleton Weed			31/10/2013
<i>Chrysanthemoides monilifera ssp. monilifera</i>	Boneseed			4/07/2011
<i>Chrysocephalum apiculatum (NC)</i>	Common Everlasting			20/03/2002
<i>Cirsium vulgare</i>	Spear Thistle			8/10/2014
<i>Citrullus sp.</i>	Wild Melon			14/10/2015
<i>Clematis microphylla</i>	Old Man's Beard			28/10/2015
<i>Clematis microphylla var. microphylla (NC)</i>	Old Man's Beard			15/11/2002
<i>Convolvulus angustissimus ssp.</i>	Narrow-leaf Bindweed			5/12/2004
<i>Convolvulus remotus</i>	Grassy Bindweed			27/11/2004
<i>Coronidium scorpioides</i>	Button Everlasting			28/10/2013
<i>Cotula coronopifolia</i>	Water Buttons			12/12/2023
<i>Crassula colligata ssp.</i>				28/10/2015
<i>Crassula colorata var.</i>	Dense Crassula			28/10/2015
<i>Crassula decumbens var. decumbens</i>	Spreading Crassula			14/10/2015

Species Name	Common Name	EPBC Act	NPW Act	Most Recent Obs
<i>Crassula helmsii</i>	Swamp Crassula			18/06/2024
<i>Crassula sieberiana</i>	Sieber's Crassula		E	4/12/2004
<i>Crassula sp.</i>	Crassula/Stonecrop			8/10/2014
<i>Cycnogeton procerum</i>	Water-ribbons			18/06/2024
<i>Cynodon dactylon</i> (NC)	Couch			28/11/2003
<i>Cynodon dactylon</i> var. <i>dactylon</i>	Couch			14/10/2015
<i>Cyperaceae sp.</i>	Sedge Family			29/05/2013
<i>Cyperus gymnocaulos</i>	Spiny Flat-sedge			1/01/2015
<i>Daucus glochidiatus</i>	Native Carrot			28/10/2015
<i>Daviesia arenaria</i>	Sand Bitter-pea			5/12/2004
<i>Dianella brevicaulis</i>	Short-stem Flax-lily			14/10/2015
<i>Dianella revoluta</i> var.				28/05/2013
<i>Dianella revoluta</i> var. <i>revoluta</i>	Black-anther Flax-lily			14/10/2015
<i>Dianella sp.</i>	Flax-lily			1/01/2015
<i>Dichelachne crinita</i>	Long-hair Plume-grass			3/12/2004
<i>Dillwynia hispida</i>	Red Parrot-pea			29/10/2013
<i>Diploaxis muralis</i>	Wall Rocket			3/02/2011
<i>Diploaxis tenuifolia</i>	Lincoln Weed			8/10/2014
<i>Disphyma crassifolium</i> ssp. <i>clavellatum</i>	Round-leaf Pigface			15/11/2019
<i>Distichlis distichophylla</i>	Emu-grass			18/06/2024
<i>Dodonaea baueri</i>	Crinkled Hop-bush			15/10/2015
<i>Dodonaea hexandra</i>	Horned Hop-bush			3/12/2004
<i>Dodonaea viscosa</i> ssp.	Sticky Hop-bush			8/10/2014
<i>Dodonaea viscosa</i> ssp. <i>spatulata</i>	Sticky Hop-bush			15/10/2015
<i>Drosera peltata</i> (NC)	Pale Sundew			29/10/2013
<i>Drosera whittakeri</i>	Scented Sundew			28/10/2015
<i>Duma florulenta</i>	Lignum			15/12/2020
<i>Dysphania pumilio</i>	Small Crumbweed			3/02/2011
<i>Ehrharta calycina</i>	Perennial Veldt Grass			28/10/2015
<i>Ehrharta longiflora</i>	Annual Veldt Grass			28/10/2015
<i>Ehrharta villosa</i>	Pyp Grass			8/10/2014
<i>Einadia nutans</i> ssp.	Climbing Saltbush			28/10/2015
<i>Eleocharis acuta</i>	Common Spike-rush			18/06/2024
<i>Enchylaena tomentosa</i> var.	Ruby Saltbush			13/04/2023
<i>Enchylaena tomentosa</i> var. <i>tomentosa</i>	Ruby Saltbush			29/10/2013
<i>Enneapogon nigricans</i>	Black-head Grass			14/10/2015
<i>Epilobium pallidiflorum</i>	Showy Willow-herb			18/06/2024
<i>Epilobium sp.</i>	Willow-herb			13/10/2015
<i>Eragrostis cilianensis</i>	Stink Grass			3/02/2011
<i>Eragrostis minor</i>	Small Stink-grass			3/02/2011
<i>Erigeron bonariensis</i>	Flax-leaf Fleabane			23/03/2022
<i>Erodium botrys</i>	Long Heron's-bill			15/10/2015

Species Name	Common Name	EPBC Act	NPW Act	Most Recent Obs
<i>Erodium moschatum</i>	Musky Herons-bill			14/10/2015
<i>Eucalyptus cosmophylla</i>	Cup Gum			1/07/2015
<i>Eucalyptus diversifolia</i> ssp. <i>diversifolia</i>	Coastal White Mallee			1/01/2015
<i>Eucalyptus fasciculosa</i>	Pink Gum		R	28/10/2015
<i>Eucalyptus incrassata</i>	Ridge-fruited Mallee			28/10/2015
<i>Eucalyptus odorata</i>	Peppermint Box			28/10/2015
<i>Eucalyptus porosa</i>	Mallee Box			1/01/2015
<i>Eucalyptus</i> sp.				14/10/2015
<i>Euchiton</i> sp.	Cudweed			28/10/2015
<i>Euphorbia paralias</i>	Sea Spurge			8/10/2014
<i>Euphorbia terracina</i>	False Caper			14/10/2015
<i>Eutaxia microphylla</i>	Common Eutaxia			29/10/2013
<i>Fabaceae</i> sp.				28/10/2015
<i>Ficinia nodosa</i>	Knobby Club-rush			14/10/2015
<i>Frankenia pauciflora</i> var.	Southern Sea-heath			9/10/2014
<i>Frankenia pauciflora</i> var. <i>gunnii</i>	Southern Sea-heath			13/11/2002
<i>Frankenia</i> sp.	Sea-heath			14/10/2015
<i>Gahnia filum</i>	Thatching Grass			18/06/2024
<i>Galium compactum</i>	Compact Bedstraw			9/03/2009
<i>Gazania linearis</i>	Gazania			8/10/2014
<i>Gomphocarpus cancellatus</i>	Broad-leaf Cotton-bush			20/03/2002
<i>Goodenia arguta</i>	Toothed Velleia			1/01/2014
<i>Goodenia paradoxa</i>	Spur Velleia			15/11/2002
<i>Gramineae</i> sp.	Grass Family			30/05/2013
<i>Hakea mitchellii</i>	Heath Needlebush			1/01/2015
<i>Hakea</i> sp.	Hakea/Needlewood			8/10/2014
<i>Hakea vittata</i>	Limestone Needlebush			1/01/2015
<i>Helichrysum leucopsidium</i>	Satin Everlasting			28/10/2015
<i>Helichrysum scorpioides</i> (NC)	Button Everlasting			28/10/2013
<i>Heliotropium europaeum</i>	Common Heliotrope			3/02/2011
<i>Hemichroa pentandra</i>	Trailing Hemichroa			6/11/1999
<i>Herb</i> sp.				28/10/2015
<i>Hibbertia crinita</i>	Velvet-leaf Guinea-flower			3/12/2004
<i>Hibbertia devitata</i>	Smooth Guinea-flower			29/10/2013
<i>Hibbertia sericea</i>	Silky Guinea-flower			29/10/2013
<i>Hibbertia</i> sp.	Guinea-flower			28/10/2015
<i>Hibbertia virgata</i>	Twiggy Guinea-flower			28/10/2015
<i>Hordeum glaucum</i>	Blue Barley-grass			25/11/2003
<i>Hordeum marinum</i>	Sea Barley-grass			8/10/2014
<i>Hordeum</i> sp. (NC)	Barley-grass			15/10/2015
<i>Hordeum vulgare</i>	Barley			13/10/2015
<i>Hydrocotyle callicarpa</i>	Tiny Pennywort			29/10/2013

Species Name	Common Name	EPBC Act	NPW Act	Most Recent Obs
<i>Hydrocotyle verticillata</i>	Shield Pennywort			15/11/2015
<i>Hypochaeris glabra</i>	Smooth Cat's Ear			14/10/2015
<i>Hypochaeris radicata</i>	Rough Cat's Ear			14/10/2015
<i>Hypochaeris sp.</i>	Cat's Ear			28/10/2015
<i>Hypolaena fastigiata</i>	Tassel Rope-rush			28/10/2013
<i>Isolepis sp.</i>	Club-rush			13/11/2002
<i>Juncus acutus</i>	Sharp Rush			14/11/2012
<i>Juncus articulatus</i>	Jointed Rush			15/12/2021
<i>Juncus kraussii</i>	Sea Rush			18/06/2024
<i>Juncus pallidus</i>	Pale Rush			12/12/2023
<i>Juncus subsecundus</i>	Finger Rush			15/12/2021
<i>Juncus usitatus</i>	Common Rush			12/12/2023
<i>Kennedia prostrata</i>	Scarlet Runner			14/10/2015
<i>Kunzea pomifera</i>	Muntries			28/10/2015
<i>Lachnagrostis sp.</i>	Blown-grass			13/11/2013
<i>Lactuca saligna</i>	Willow-leaf Lettuce			23/03/2022
<i>Lactuca serriola f.</i>	Prickly Lettuce			15/11/2015
<i>Lagenophora sp.</i>	Bottle-daisy			28/10/2015
<i>Lagurus ovatus</i>	Hare's Tail Grass			15/12/2021
<i>Lasiopetalum baueri</i>	Slender Velvet-bush			4/12/2004
<i>Lawrencia squamata</i>	Thorny Lawrencia			1/01/2014
<i>Lemna disperma</i>	Common Duckweed			15/11/2015
<i>Lemna sp.</i>	Duckweed			18/06/2024
<i>Lemna trisulca</i>	Ivy-leaf Duckweed			21/12/1996
<i>Lepidium africanum</i>	Common Peppergrass			15/10/2015
<i>Lepidobolus drapetocoleus</i>	Scale Shedder			28/10/2013
<i>Lepidosperma carphoides</i>	Black Rapier-sedge			28/10/2013
<i>Lepidosperma concavum (NC)</i>	Spreading Sword-sedge			4/12/2004
<i>Lepidosperma congestum</i>				28/10/2013
<i>Lepidosperma sp.</i>	Sword-sedge/Rapier-sedge			28/10/2013
<i>Lepidosperma viscidum</i>	Sticky Sword-sedge			28/10/2015
<i>Leptospermum laevigatum</i>	Coast Tea-tree			8/10/2014
<i>Leptospermum myrsinoides</i>	Heath Tea-tree			14/10/2015
<i>Leucophyta brownii</i>	Coast Cushion Bush			13/10/2015
<i>Leucopogon parviflorus</i>	Coast Beard-heath			8/10/2014
<i>Levenhookia dubia</i>	Hairy Stylewort			29/10/2013
<i>Levenhookia pusilla</i>	Tiny Stylewort			3/12/2004
<i>Lilaeopsis polyantha</i>	Australian Lilaeopsis			2/01/1997
<i>Lobelia concolor</i>	Poison Pratia		R	3/11/2012
<i>Lobelia irrigua</i>	Salt Pratia			2/01/1997
<i>Lolium perenne</i>	Perennial Ryegrass			9/10/2014
<i>Lolium rigidum</i>	Wimmera Ryegrass			8/10/2014

Species Name	Common Name	EPBC Act	NPW Act	Most Recent Obs
<i>Lolium sp.</i>	Ryegrass			12/12/2023
<i>Lomandra collina</i>	Sand Mat-rush			28/10/2015
<i>Lomandra juncea</i>	Desert Mat-rush			28/10/2015
<i>Lomandra leucocephala ssp. robusta</i>	Woolly Mat-rush			5/12/2004
<i>Lomandra micrantha ssp.</i>	Small-flower Mat-rush			29/10/2013
<i>Lomandra micrantha ssp. micrantha</i>	Small-flower Mat-rush			15/11/2002
<i>Lomandra multiflora ssp. dura</i>	Hard Mat-rush			1/01/2015
<i>Lomandra nana</i>	Small Mat-rush			29/10/2013
<i>Lomandra sororia</i>	Sword Mat-rush			29/10/2013
<i>Ludwigia peploides ssp. montevidensis</i>	Water Primrose			18/06/2024
<i>Lupinus cosentinii</i>	Blue Lupin			15/10/2015
<i>Lupinus sp.</i>	Lupin			14/10/2015
<i>Lycium australe</i>	Australian Boxthorn			31/05/2013
<i>Lycium ferocissimum</i>	African Boxthorn			14/10/2015
<i>Lycopus australis</i>	Australian Gipsywort			18/06/2024
<i>Lysiana exocarpi ssp. exocarpi</i>	Harlequin Mistletoe			4/12/2004
<i>Lysimachia arvensis</i>	Pimpernel			28/10/2015
<i>Machaerina juncea</i>	Bare Twig-rush			12/12/2023
<i>Maireana brevifolia</i>	Short-leaf Bluebush			1/01/2015
<i>Maireana oppositifolia</i>	Salt Bluebush			1/01/2015
<i>Malva parviflora</i>	Small-flower Marshmallow			15/10/2015
<i>Marrubium vulgare</i>	Horehound			14/10/2015
<i>Medicago polymorpha</i>	Burr-medic			9/10/2014
<i>Medicago sativa</i>	Lucerne			14/10/2015
<i>Medicago sp.</i>	Medic			15/11/2019
<i>Medicago truncatula</i>	Barrel Medic			14/10/2015
<i>Melaleuca acuminata ssp. acuminata</i>	Mallee Honey-myrtle			15/10/2015
<i>Melaleuca brevifolia</i>	Short-leaf Honey-myrtle			1/01/2012
<i>Melaleuca decussata</i>	Totem-poles			8/10/2014
<i>Melaleuca halmaturorum</i>	Swamp Paper-bark			14/12/2021
<i>Melaleuca lanceolata</i>	Dryland Tea-tree			13/10/2015
<i>Melaleuca sp.</i>	Tea-tree			6/06/2013
<i>Melaleuca uncinata</i>	Broombush			28/10/2015
<i>Melilotus indicus</i>	King Island Melilot			1/11/2018
<i>Mentha australis</i>	River Mint			18/06/2024
<i>Mentha sp.</i>	Mint			15/03/2016
<i>Microseris walteri</i>	Yam Daisy			29/10/2013
<i>Microtis sp.</i>	Onion-orchid			29/10/2013
<i>Millotia muelleri</i>	Common Bow-flower			3/12/2004
<i>Millotia tenuifolia var.</i>	Soft Millotia			28/10/2015
<i>Millotia tenuifolia var. tenuifolia</i>	Soft Millotia			4/12/2004
<i>Moraea setifolia</i>	Thread Iris			28/10/2015

Species Name	Common Name	EPBC Act	NPW Act	Most Recent Obs
<i>Moss sp.</i>				19/03/2002
<i>Muehlenbeckia adpressa</i>	Climbing Lignum			8/10/2014
<i>Muehlenbeckia gunnii</i>	Coastal Climbing Lignum			28/10/2015
<i>Myoporum insulare</i>	Common Boobialla			16/03/2021
<i>Myoporum parvifolium</i>	Creeping Boobialla		R	31/05/2013
<i>Myoporum sp.</i>				13/10/2015
<i>Myriophyllum caput-medusae</i>	Coarse Milfoil			10/04/2015
<i>Myriophyllum salsugineum</i>	Lake Milfoil			18/06/2024
<i>Myriophyllum sp.</i>	Milfoil			4/04/2014
<i>Neurachne alopecuroidea</i>	Fox-tail Mulga-grass			28/10/2015
<i>Nitraria billardierei</i>	Nitre-bush			28/05/2013
<i>Oenothera stricta ssp. stricta</i>	Common Evening Primrose			14/10/2015
<i>Olea europaea ssp.</i>	Olive			30/08/2011
<i>Olearia axillaris</i>	Coast Daisy-bush			15/10/2015
<i>Olearia ramulosa</i>	Twiggy Daisy-bush			15/10/2015
<i>Orchidaceae sp.</i>	Orchid Family			28/10/2013
<i>Oxalis perennans/exilis</i>	Native Oxalis			8/10/2014
<i>Oxalis pes-caprae</i>	Soursob			14/10/2015
<i>Oxalis sp.</i>	Sorrel			28/10/2015
<i>Ozothamnus turbinatus</i>	Coast Bush-everlasting			1/01/2014
<i>Parapholis incurva</i>	Curly Ryegrass			14/10/2015
<i>Paspalum distichum</i>	Water Couch			18/06/2024
<i>Paspalum vaginatum</i>	Salt-water Couch			3/02/2011
<i>Pelargonium australe (NC)</i>	Austral Stork's-bill			1/01/2015
<i>Pelargonium sp.</i>	Storks-bill			14/10/2015
<i>Pentameris airoides ssp. airoides</i>	False Hair-grass			4/12/2004
<i>Persicaria decipiens</i>	Slender Knotweed			11/03/2009
<i>Persicaria decipiens (NC)</i>	Slender Knotweed			28/11/2003
<i>Persicaria lapathifolia</i>	Pale Knotweed			18/06/2024
<i>Phragmites australis</i>	Common Reed			18/06/2024
<i>Phyllangium divergens</i>	Wiry Mitrewort			29/10/2013
<i>Pimelea glauca</i>	Smooth Riceflower			28/10/2015
<i>Pimelea humilis</i>	Low Riceflower			4/12/2004
<i>Pimelea serpyllifolia ssp. serpyllifolia</i>	Thyme Riceflower			8/10/2014
<i>Pimelea sp.</i>	Riceflower			28/10/2013
<i>Pimelea stricta</i>	Erect Riceflower			29/10/2013
<i>Pinus halepensis</i>	Aleppo Pine			8/10/2014
<i>Pinus radiata</i>	Radiata Pine			31/10/2013
<i>Pinus sp.</i>	Pine			14/10/2015
<i>Pittosporum angustifolium</i>	Native Apricot			14/10/2015
<i>Plantago bellardii</i>	Hairy Plantain			28/10/2015
<i>Plantago coronopus ssp.</i>	Bucks-horn Plantain			18/06/2024

Species Name	Common Name	EPBC Act	NPW Act	Most Recent Obs
<i>Plantago coronopus</i> ssp. <i>coronopus</i>	Bucks-horn Plantain			3/02/2011
<i>Plantago</i> sp. B (R.Bates 44765)	Little Plantain			3/12/2004
<i>Platysace heterophylla</i> var.	Slender Platysace			28/10/2015
<i>Poa labillardieri</i> var. <i>labillardieri</i>	Common Tussock-grass			14/10/2015
<i>Poa poiformis</i> var. <i>poiformis</i>	Coast Tussock-grass			1/01/2015
<i>Poa</i> sp.	Meadow-grass/Tussock-grass			13/10/2015
<i>Podotheca angustifolia</i>	Sticky Long-heads			28/10/2015
<i>Polygonum arenastrum</i>	Wireweed			15/01/2019
<i>Polygonum aviculare</i>	Wireweed			14/10/2015
<i>Polypogon maritimus</i>	Coast Beard-grass			19/03/2002
<i>Polypogon monspeliensis</i>	Annual Beard-grass			8/10/2014
<i>Pomaderris paniculosa</i> ssp.				1/01/2015
<i>Potamogeton crispus</i>	Curly Pondweed			16/03/2021
<i>Potamogeton pectinatus</i>	Fennel Pondweed			12/12/2023
<i>Pseudognaphalium luteoalbum</i>	Jersey Cudweed			11/03/2009
<i>Ptilotus spathulatus</i>	Pussy-tails			15/11/2002
<i>Puccinellia distans</i>	Reflexed Poa			28/11/2003
<i>Puccinellia fasciculata</i>	Borrer's Saltmarsh-grass			13/11/2002
<i>Puccinellia perlaxa</i>				29/05/2009
<i>Puccinellia stricta</i>	Australian Saltmarsh-grass			1/01/2015
<i>Puccinellia stricta</i> (NC)	Australian Saltmarsh-grass			21/03/2002
<i>Pyrorchis nigricans</i>	Black Fire-orchid			29/10/2013
<i>Ranunculus amphitrichus</i>	Small River Buttercup			13/11/2002
<i>Ranunculus repens</i>	Creeping Buttercup			8/07/2011
<i>Ranunculus</i> sp.	Buttercup			12/12/2023
<i>Ranunculus trilobus</i>	Three-lobed Buttercup			16/03/2021
<i>Reichardia tingitana</i>	False Sowthistle			14/10/2015
<i>Rhagodia candolleana</i> ssp.	Sea-berry Saltbush			15/10/2015
<i>Rhagodia candolleana</i> ssp. <i>candolleana</i>	Sea-berry Saltbush			1/07/2015
<i>Rhamnus alaternus</i>	Blowfly Bush			8/10/2014
<i>Rhodanthe pygmaea</i>	Pigmy Daisy			29/10/2013
<i>Roepera billardieri</i>	Coast Twinleaf			1/01/2014
<i>Romulea minutiflora</i>	Small-flower Onion-grass			9/10/2014
<i>Rorippa nasturtium-aquaticum</i>	Watercress			1/11/2018
<i>Rorippa palustris</i>	Yellow Marsh-cress			9/03/2009
<i>Rumex acetosella</i>	Sorrel			31/10/2013
<i>Rumex bidens</i>	Mud Dock			18/06/2024
<i>Rumex</i> sp.	Dock			15/12/2021
<i>Rytidosperma caespitosum</i> (NC)	Common Wallaby-grass			8/10/2014
<i>Rytidosperma geniculatum</i>	Kneed Wallaby-grass			28/10/2015
<i>Rytidosperma setaceum</i>	Small-flower Wallaby-grass			28/10/2015
<i>Rytidosperma</i> sp.	Wallaby-grass			14/10/2015

Species Name	Common Name	EPBC Act	NPW Act	Most Recent Obs
<i>Salicornia quinqueflora</i> ssp. <i>quinqueflora</i>	Beaded Samphire			18/06/2024
<i>Salsola australis</i>	Buckbush			15/10/2015
<i>Salvia verbenaca</i> var.	Wild Sage			14/10/2015
<i>Samolus repens</i>	Creeping Brookweed			18/06/2024
<i>Santalum acuminatum</i>	Quandong			5/12/2004
<i>Schoenoplectus pungens</i>	Spiky Club-rush			18/06/2024
<i>Schoenoplectus tabernaemontani</i>	River Club-rush			18/06/2024
<i>Schoenus breviculmis</i>	Matted Bog-rush			3/12/2004
<i>Senecio cunninghamii</i> var. <i>cunninghamii</i>	Shrubby Groundsel			12/12/1999
<i>Senecio glomeratus</i> ssp. <i>glomeratus</i>	Swamp Groundsel			5/03/2009
<i>Senecio glomeratus</i> ssp. <i>longifructus</i>	Swamp Groundsel			6/11/1999
<i>Senecio glossanthus</i>	Annual Groundsel			14/10/2015
<i>Senecio picridioides</i>	Purple-leaf Groundsel			3/12/2004
<i>Senecio pterophorus</i>	African Daisy			4/04/2014
<i>Senecio</i> sp.	Groundsel			1/01/2015
<i>Sisylx atropurpurea</i>	Pincushion			13/04/2023
<i>Solanum linnaeanum</i>	Apple Of Sodom			20/03/2002
<i>Sonchus asper</i> ssp.	Rough Sow-thistle			14/10/2015
<i>Sonchus asper</i> ssp. <i>glaucescens</i>	Rough Sow-thistle			21/03/2002
<i>Sonchus hydrophilus</i>	Native Sow-thistle			1/04/2009
<i>Sonchus oleraceus</i>	Common Sow-thistle			12/12/2023
<i>Sonchus</i> sp.	Sow-thistle			28/10/2015
<i>Spergularia marina</i>	Salt Sand-spurrey			13/11/2013
<i>Spinifex hirsutus</i>	Rolling Spinifex			1/01/2015
<i>Spirodela punctata</i>	Thin Duckweed			28/11/2003
<i>Sporobolus virginicus</i>	Salt Couch			15/12/2021
<i>Styphelia humifusa</i>	Cranberry Heath			3/12/2004
<i>Suaeda australis</i>	Austral Seablite			18/06/2024
<i>Symphotrichum subulatum</i>	Aster-weed			13/04/2023
<i>Taraxacum</i> sp.	Dandelion			31/10/2013
<i>Tecticornia arbuscula</i>	Shrubby Samphire			1/01/2015
<i>Tecticornia halocnemoides</i> ssp.	Grey Samphire			1/01/2015
<i>Tecticornia indica</i> ssp.	Brown-head Samphire			8/10/2014
<i>Tecticornia indica</i> ssp. <i>leiostachya</i>	Brown-head Samphire			13/11/2002
<i>Tecticornia pergranulata</i> ssp.	Black-seed Samphire			9/10/2014
<i>Tecticornia pergranulata</i> ssp. <i>pergranulata</i>	Black-seed Samphire			21/03/2002
<i>Tecticornia</i> sp.	Samphire			14/10/2015
<i>Tetragonia implexicoma</i>	Bower Spinach			1/01/2015
<i>Teucrium racemosum</i>	Grey Germander			12/12/1999
<i>Thelymitra</i> sp.	Sun-orchid			29/10/2013
<i>Themeda triandra</i>	Kangaroo Grass			1/01/2014
<i>Thinopyrum elongatum</i>	Tall Wheat-grass			15/01/2019

Species Name	Common Name	EPBC Act	NPW Act	Most Recent Obs
<i>Thomasia petalocalyx</i>	Paper-flower			28/10/2015
<i>Threlkeldia diffusa</i>	Coast Bonefruit			14/10/2015
<i>Thysanotus patersonii</i>	Twining Fringe-lily			29/10/2013
<i>Trachymene pilosa</i>	Dwarf Trachymene			28/10/2015
<i>Tricoryne tenella</i>	Tufted Yellow Rush-lily			20/03/2002
<i>Trifolium angustifolium</i>	Narrow-leaf Clover			14/10/2015
<i>Trifolium arvense</i> var. <i>arvense</i>	Hare's-foot Clover			15/10/2015
<i>Trifolium campestre</i>	Hop Clover			28/10/2015
<i>Trifolium glomeratum</i>	Cluster Clover			31/10/2013
<i>Trifolium scabrum</i>	Rough Clover			14/10/2015
<i>Trifolium</i> sp.	Clover			15/12/2021
<i>Trifolium striatum</i>	Knotted Clover			14/11/2013
<i>Trifolium subterraneum</i>	Subterranean Clover			15/10/2015
<i>Trifolium tomentosum</i>	Woolly Clover			14/10/2015
<i>Triglochin striata</i>	Streaked Arrowgrass			28/11/2003
<i>Typha domingensis</i>	Narrow-leaf Bulrush			18/06/2024
<i>Typha orientalis</i>	Broad-leaf Bulrush			28/11/2003
<i>Typha</i> sp.	Bulrush			1/11/2005
Unidentified sp.				6/06/2013
<i>Urtica incisa</i>	Scrub Nettle			11/03/2009
<i>Vallisneria australis</i>	River Eel-grass			18/06/2024
<i>Vittadinia australasica</i> var.	Sticky New Holland Daisy			1/01/2015
<i>Vittadinia australasica</i> var. <i>australasica</i>	Sticky New Holland Daisy			4/11/2005
<i>Vittadinia cervicularis</i> var. <i>cervicularis</i>	Waisted New Holland Daisy			15/11/2002
<i>Vittadinia cuneata</i> var.	Fuzzy New Holland Daisy			15/11/2002
<i>Vittadinia cuneata</i> var. <i>cuneata</i>	Fuzzy New Holland Daisy			20/03/2002
<i>Vittadinia megacephala</i>	Giant New Holland Daisy			4/11/2005
<i>Vittadinia</i> sp.	New Holland Daisy			28/10/2015
<i>Vulpia fasciculata</i>	Sand Fescue			4/12/2004
<i>Vulpia myuros</i> f. <i>myuros</i>	Rat's-tail Fescue			29/10/2013
<i>Vulpia</i> sp.	Fescue			28/10/2015
<i>Wahlenbergia gracilentia</i>	Annual Bluebell			29/10/2013
<i>Wahlenbergia stricta</i> ssp. <i>stricta</i>	Tall Bluebell			28/10/2013
<i>Walwhalleya proluta</i> (NC)	Rigid Panic			27/11/2004
<i>Wilsonia rotundifolia</i>	Round-leaf Wilsonia			15/03/2016
<i>Wolffia australiana</i>	Tiny Duckweed			21/12/1996
<i>Xanthorrhoea caespitosa</i>	Sand-heath Yacca			1/01/2013
<i>Xanthorrhoea semiplana</i> ssp.	Yacca			1/01/2015
<i>Xanthorrhoea semiplana</i> ssp. <i>semiplana</i>	Yacca			28/10/2013
<i>Xanthorrhoea</i> sp.	Yacca/Grass-tree			8/10/2014
<i>Zaluzianskya divaricata</i>	Spreading Night-phlox			3/12/2004

Appendix 3. BDBSA Fauna records

Species Name	Common Name	EPBC Act	NPW Act	Most Recent Obs
<i>Carassius auratus</i>	Goldfish			17/04/2018
<i>Cyprinidae hybrid</i>	Cyprinid hybrid			26/03/2007
<i>Cyprinus carpio</i>	European Carp			18/10/2022
<i>Gambusia holbrooki</i>	Eastern Gambusia			18/10/2022
<i>Perca fluviatilis</i>	Redfin Perch			18/10/2022
<i>Afurcagobius tamarensis</i>	Tamar River Goby			12/10/2011
<i>Arenigobius bifrenatus</i>	Bridled Goby			30/03/2011
<i>Atherinosoma microstoma</i>	Smallmouth Hardyhead			17/04/2018
<i>Craterocephalus fluviatilis</i>	Murray Hardyhead	EN		17/04/2018
<i>Craterocephalus fulvus</i>	Unspecked Hardyhead			18/10/2022
<i>Galaxias maculatus</i>	Common Galaxias			18/10/2022
<i>Hyperlophus vittatus</i>	Sandy Sprat			8/11/2012
<i>Hyporhamphus regularis</i>	River Garfish			15/12/2009
<i>Hypseleotris sp.</i>				30/10/2017
<i>Hypseleotris spp. (complex)</i>	n/a			17/04/2018
<i>Macquaria ambigua ambigua</i>	Murray-Darling Golden Perch			18/10/2022
<i>Nannoperca australis</i>	Southern Pygmy Perch	VU		30/10/2017
<i>Nannoperca obscura</i>	Yarra Pygmy Perch	EN		8/11/2012
<i>Nematalosa erebi</i>	Bony Bream			6/04/2020
<i>Philypnodon grandiceps</i>	Big-headed Gudgeon			18/10/2022
<i>Philypnodon macrostomus</i>	Dwarf Flathead Gudgeon			15/04/2022
<i>Philypnodon sp.</i>				22/02/2013
<i>Pseudaphritis urvillii</i>	Congolli			18/10/2022
<i>Pseudogobius olorum</i>	Swan River Goby			17/04/2018
<i>Retropinna semoni</i>	Australian Smelt			15/04/2022
<i>Tasmanogobius lasti</i>	Lagoon Goby			26/04/2021
<i>Crinia signifera</i>	Clicking Froglet			16/11/2017
<i>Limnodynastes dumerilii</i>	Eastern Banjo Frog			16/11/2017
<i>Limnodynastes fletcheri</i>	Barking Marsh Frog			13/12/2012
<i>Limnodynastes sp.</i>				18/01/2011
<i>Limnodynastes tasmaniensis</i>	Spotted Marsh Frog			10/04/2018
<i>Pseudophryne bibronii</i>	Brown Broodfrog		R	23/11/2009
<i>Ranoidea raniformis raniformis</i>	Southern Bell Frog (MLR)	VU	V	12/12/2012
<i>Rawlinsonia calliscelis</i>	South Australian Tree Frog			16/11/2017
<i>Alauda arvensis arvensis</i>	Eurasian Skylark			30/09/2018
<i>Carduelis carduelis britannica</i>	European Goldfinch			3/03/2018
<i>Columba livia</i>	Feral Pigeon			7/03/2020
<i>Passer domesticus domesticus</i>	House Sparrow			29/09/2018
<i>Spilopelia chinensis</i>	Spotted Dove			7/03/2020
<i>Sturnus vulgaris vulgaris</i>	Common Starling			7/03/2020
<i>Turdus merula merula</i>	Common Blackbird			30/09/2018
<i>Acanthagenys rufogularis</i>	Spiny-cheeked Honeyeater			30/09/2018
<i>Acanthiza apicalis</i>	Inland Thornbill			3/11/2014

Species Name	Common Name	EPBC Act	NPW Act	Most Recent Obs
<i>Acanthiza chrysorrhoa</i>	Yellow-rumped Thornbill			5/11/2015
<i>Acanthiza chrysorrhoa leighi</i>	Yellow-rumped Thornbill (eastern SA)			1/07/2012
<i>Acanthiza nana</i>	Yellow Thornbill			3/11/2015
<i>Acanthiza pusilla samueli</i>	Brown Thornbill (MLR)			3/03/2018
<i>Acanthorhynchus tenuirostris halmaturinus</i>	Eastern Spinebill (KI, MLR, southern FR)			1/07/2012
<i>Accipiter cirrocephalus cirrocephalus</i>	Collared Sparrowhawk			29/09/2018
<i>Accipiter fasciatus fasciatus</i>	Brown Goshawk			9/11/2013
<i>Acrocephalus australis australis</i>	Australian Reed Warbler			2/11/2023
<i>Aegotheles cristatus cristatus</i>	Australian Owlet-nightjar			10/11/2002
<i>Anas castanea</i>	Chestnut Teal			7/03/2020
<i>Anas gracilis gracilis</i>	Grey Teal			30/10/2023
<i>Anas sp.</i>	Anas ducks			9/07/2002
<i>Anas superciliosa</i>	Pacific Black Duck			13/04/2018
<i>Anas superciliosa superciliosa</i>	Pacific Black Duck			3/11/2023
<i>Anhinga novaehollandiae novaehollandiae</i>	Australasian Darter		R	8/11/2014
<i>Anseranas semipalmata</i>	Magpie Goose		E	3/09/2013
<i>Anthochaera carunculata</i>	Red Wattlebird			4/02/2018
<i>Anthochaera carunculata woodwardi</i>	Red Wattlebird (MLR, AP, YP, EP, far west, Yellabinna)			7/03/2020
<i>Anthochaera chrysoptera chrysoptera</i>	Little Wattlebird (mainland SA)			12/11/2013
<i>Anthus australis</i>	Australian Pipit			4/02/2018
<i>Anthus australis australis</i>	Australian Pipit (most of SA)			15/03/2015
<i>Aphelocephala leucopsis leucopsis</i>	Southern Whiteface	VU		16/04/1996
<i>Apus pacificus pacificus</i>	Pacific Swift			1/01/1999
<i>Aquila audax audax</i>	Wedge-tailed Eagle			7/11/2014
<i>Ardea alba modesta</i>	Great Egret			7/03/2020
<i>Ardea pacifica</i>	White-necked Heron			7/11/2015
<i>Artamus cyanopterus</i>	Dusky Woodswallow			24/10/2007
<i>Artamus cyanopterus cyanopterus</i>	Dusky Woodswallow (eastern SA)			1/07/2012
<i>Artamus personatus</i>	Masked Woodswallow			15/11/2013
<i>Artamus superciliosus</i>	White-browed Woodswallow			15/11/2013
<i>Aythya australis</i>	Hardhead			27/05/2018
<i>Barnardius zonarius</i>	Australian Ringneck			8/11/2013
<i>Barnardius zonarius barnardi</i>	Mallee Ringneck			1/07/2012
<i>Barnardius zonarius barnardi (NC)</i>	Australian Ringneck, (Ring-necked Parrot)			7/06/1997
<i>Barnardius zonarius zonarius (NC)</i>	Port Lincoln Parrot			26/10/1996
<i>Biziura lobata menziesi</i>	Musk Duck		R	7/03/2020
<i>Botaurus poiciloptilus</i>	Australasian Bittern	EN	E	17/12/2012
<i>Bubulcus ibis coromandus</i>	Eastern Cattle Egret		R	7/03/2020
<i>Cacatua sanguinea gymnopsis</i>	Little Corella			3/03/2018
<i>Cacatua tenuirostris</i>	Long-billed Corella			8/11/2014
<i>Cacomantis flabelliformis flabelliformis</i>	Fan-tailed Cuckoo			27/05/2018
<i>Cacomantis pallidus</i>	Pallid Cuckoo			26/09/2001

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<i>Calidris acuminata</i>	Sharp-tailed Sandpiper	VU		7/03/2020
<i>Calidris ferruginea</i>	Curlew Sandpiper	CR	E	7/03/2020
<i>Calidris ruficollis</i>	Red-necked Stint			7/03/2020
<i>Caligavis chrysops samueli</i>	Yellow-faced Honeyeater (MLR, southern FR)			11/08/2007
<i>Cereopsis novaehollandiae novaehollandiae</i>	Cape Barren Goose		R	29/09/2018
<i>Chalcites basalis</i>	Horsfield's Bronze Cuckoo			27/05/2018
<i>Chalcites lucidus plagosus</i>	Shining Bronze Cuckoo			5/11/2015
<i>Charadrius bicinctus bicinctus</i>	Double-banded Plover			12/08/2008
<i>Charadrius ruficapillus</i>	Red-capped Plover			7/04/2010
<i>Chlidonias hybrida javanicus</i>	Whiskered Tern			29/09/2018
<i>Chroicocephalus novaehollandiae novaehollandiae</i>	Silver Gull			7/03/2020
<i>Cincloramphus cruralis</i>	Brown Songlark			30/09/2018
<i>Cinclosoma castanotum (NC)</i>	Chestnut-backed Quailthrush (Chestnut Quailthrush)		ssp	15/11/2013
<i>Circus approximans</i>	Swamp Harrier			2/11/2023
<i>Circus assimilis</i>	Spotted Harrier			12/11/2013
<i>Cisticola exilis exilis</i>	Golden-headed Cisticola			29/09/2018
<i>Cladorhynchus leucocephalus</i>	Banded Stilt		V	10/03/2008
<i>Colluricincla harmonica</i>	Grey Shrikethrush			5/11/2015
<i>Colluricincla harmonica harmonica</i>	Grey Shrikethrush (eastern SA)			7/03/2020
<i>Coracina novaehollandiae</i>	Black-faced Cuckooshrike			7/03/2020
<i>Corvus mellori</i>	Little Raven			7/03/2020
<i>Corvus sp.</i>	Ravens, Crows			20/03/2002
<i>Coturnix pectoralis</i>	Stubble Quail			30/09/2018
<i>Coturnix ypsilophora australis</i>	Brown Quail		V	29/09/2018
<i>Cracticus torquatus leucopterus</i>	Grey Butcherbird			28/10/2015
<i>Cygnus atratus</i>	Black Swan			2/11/2023
<i>Daphoenositta chrysoptera pileata</i>	Black-capped Sittella			24/10/2007
<i>Dicaeum hirundinaceum hirundinaceum</i>	Mistletoebird			7/03/2020
<i>Dromaius novaehollandiae</i>	Emu	ssp	ssp	12/03/2000
<i>Drymodes brunneopygia</i>	Southern Scrub Robin			15/11/2013
<i>Egretta garzetta nigripes</i>	Little Egret		R	2/11/2023
<i>Egretta novaehollandiae</i>	White-faced Heron			7/03/2020
<i>Elanus axillaris</i>	Black-shouldered Kite			30/09/2018
<i>Elseornis melanops</i>	Black-fronted Dotterel			4/05/2010
<i>Eolophus roseicapilla</i>	Galah			5/11/2015
<i>Eolophus roseicapilla albiceps</i>	Galah (most of SA)			7/03/2020
<i>Epthianura albifrons</i>	White-fronted Chat			29/09/2018
<i>Erythronyx cinctus</i>	Red-kneed Dotterel			7/03/2020
<i>Eurystomus orientalis</i>	Oriental Dollarbird			3/03/2005
<i>Falco berigora berigora</i>	Brown Falcon			11/08/2007
<i>Falco cenchroides cenchroides</i>	Nankeen Kestrel			7/03/2020
<i>Falco longipennis murchisonianus</i>	Australian Hobby			7/03/2020

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<i>Falco subniger</i>	Black Falcon		R	16/10/2013
<i>Falcunculus frontatus frontatus</i>	Eastern Shriketit		R	9/11/2013
<i>Fulica atra australis</i>	Eurasian Coot			2/11/2023
<i>Gallinago hardwickii</i>	Latham's Snipe	VU	R	8/11/2014
<i>Gallinula tenebrosa tenebrosa</i>	Dusky Moorhen			27/05/2018
<i>Gavicalis virescens</i>	Singing Honeyeater			13/04/2018
<i>Gavicalis virescens sonorus</i>	Singing Honeyeater (EP, YP, FR, MN, AP, MM, coastal SE)			7/03/2020
<i>Gelochelidon macrotarsa</i>	Australian Tern			17/11/2011
<i>Geopelia placida placida</i>	Peaceful Dove			7/03/2020
<i>Gliciphila melanops</i>	Tawny-crowned Honeyeater			11/08/2007
<i>Glossopsitta concinna</i>	Musk Lorikeet			3/03/2018
<i>Grallina cyanoleuca cyanoleuca</i>	Magpielark			7/03/2020
<i>Gymnorhina tibicen</i>	Australian Magpie			7/03/2020
<i>Haematopus fuliginosus fuliginosus</i>	Sooty Oystercatcher		R	7/03/2020
<i>Haematopus longirostris</i>	Pied Oystercatcher		R	7/03/2020
<i>Haliastur sphenurus</i>	Whistling Kite			7/03/2020
<i>Hieraaetus morphnoides</i>	Little Eagle		V	4/11/2015
<i>Himantopus leucocephalus</i>	Pied Stilt			7/03/2020
<i>Hirundo neoxena neoxena</i>	Welcome Swallow			2/11/2023
<i>Hydroprogne caspia</i>	Caspian Tern			2/11/2023
<i>Hylacola cauta cauta</i>	Shy Heathwren (EP, YP, FR, MM, upper SE)		R	15/11/2013
<i>Ixobrychus dubius</i>	Black-backed Bittern (Australian Little Bittern)		E	17/12/2012
<i>Lalage tricolor</i>	White-winged Triller			13/11/2013
<i>Larus pacificus georgii</i>	Pacific Gull			7/03/2020
<i>Lewinia pectoralis pectoralis</i>	Lewin's Rail		V	19/11/2013
<i>Lichenostomus cratitius occidentalis</i>	Purple-gaped Honeyeater (mainland SA)		R	8/11/2013
<i>Limosa lapponica</i>	Bar-tailed Godwit	ssp	ssp	7/03/2020
<i>Limosa limosa melanuroides</i>	Black-tailed Godwit	EN	R	12/03/2000
<i>Malacorhynchus membranaceus</i>	Pink-eared Duck			3/03/2018
<i>Malurus assimilis assimilis</i>	Purple-backed Fairywren			15/11/2013
<i>Malurus cyaneus</i>	Superb Fairywren			13/04/2018
<i>Malurus cyaneus leggei</i>	Superb Fairywren (Mainland SA)			7/03/2020
<i>Malurus sp.</i>	fairywrens			21/03/2002
<i>Manorina melanocephala</i>	Noisy Miner			9/11/2013
<i>Melanodryas cucullata cucullata</i>	Hooded Robin (YP, MN, AP, MLR, MM, SE)	EN	R	5/11/2015
<i>Melithreptus brevirostris</i>	Brown-headed Honeyeater	ssp		14/11/2013
<i>Melithreptus lunatus</i>	White-naped Honeyeater			11/08/2007
<i>Merops ornatus</i>	Rainbow Bee-eater			7/03/2020
<i>Microcarbo melanoleucos melanoleucos</i>	Little Pied Cormorant			2/11/2023
<i>Microeca fascinans</i>	Jacky Winter		ssp	24/10/2007
<i>Microeca fascinans fascinans</i>	Jacky Winter (MLR, SE)		R	1/07/2012

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<i>Milvus migrans affinis</i>	Black Kite			14/11/2013
<i>Mirafrja javanica</i>	Horsfield's Bush Lark			7/11/2014
<i>Myiagra inquieta</i>	Restless Flycatcher		R	25/11/2005
<i>Neophema elegans elegans</i>	Elegant Parrot		R	30/09/2018
<i>Neophema sp.</i>	Neophema parrots			22/05/2016
<i>Northiella haematogaster haematogaster</i>	Eastern Bluebonnet (eastern and central SA)			4/12/2004
<i>Numenius madagascariensis</i>	Far Eastern Curlew	CR	E	12/03/2000
<i>Nycticorax caledonicus australasiae</i>	Nankeen Night Heron			7/03/2020
<i>Nymphicus hollandicus</i>	Cockatiel			2/11/2003
<i>Ocyphaps lophotes lophotes</i>	Crested Pigeon			7/03/2020
<i>Oriolus sagittatus sagittatus</i>	Olive-backed Oriole		R	21/09/2004
<i>Oxyura australis</i>	Blue-billed Duck		R	3/03/2018
<i>Pachycephala fuliginosa fuliginosa</i>	Western Whistler			7/03/2020
<i>Pachycephala rufiventris rufiventris</i>	Rufous Whistler			5/11/2015
<i>Pardalotus punctatus</i>	Spotted Pardalote			30/09/2018
<i>Pardalotus punctatus xanthopyge</i>	Yellow-rumped Pardalote			7/06/1997
<i>Pardalotus striatus substriatus</i>	Striated Pardalote			29/09/2018
<i>Parvipsitta porphyrocephala</i>	Purple-crowned Lorikeet			7/06/1997
<i>Pelecanus conspicillatus</i>	Australian Pelican			2/11/2023
<i>Petrochelidon ariel</i>	Fairy Martin			7/11/2014
<i>Petrochelidon nigricans</i>	Tree Martin			13/04/2018
<i>Petrochelidon nigricans neglecta</i>	Tree Martin (all of SA)			7/03/2020
<i>Petroica goodenovii</i>	Red-capped Robin			27/05/2018
<i>Petroica phoenicea</i>	Flame Robin		V	26/07/2000
<i>Phalacrocorax carbo</i>	Great Cormorant			7/03/2020
<i>Phalacrocorax fuscescens</i>	Black-faced Cormorant			7/03/2020
<i>Phalacrocorax sulcirostris</i>	Little Black Cormorant			2/11/2023
<i>Phalacrocorax varius hypoleucos</i>	Australian Pied Cormorant			2/11/2023
<i>Phaps chalcoptera</i>	Common Bronzewing			7/03/2020
<i>Phaps elegans elegans</i>	Brush Bronzewing			30/09/2018
<i>Phylidonyris novaehollandiae novaehollandiae</i>	New Holland Honeyeater (mainland SA)			7/03/2020
<i>Platalea flavipes</i>	Yellow-billed Spoonbill			16/10/2013
<i>Platalea regia</i>	Royal Spoonbill			2/11/2023
<i>Platalea sp.</i>				1/12/1997
<i>Platycercus elegans</i>	Crimson Rosella	ssp		9/11/2013
<i>Platycercus elegans fleurieuensis & elegans subadelaidae</i>	Adelaide Rosella (MN, AP, MLR)			7/03/2020
<i>Plegadis falcinellus</i>	Glossy Ibis		R	8/01/2007
<i>Pluvialis fulva</i>	Pacific Golden Plover		R	12/03/2000
<i>Pluvialis squatarola squatarola</i>	Grey Plover	VU		12/03/2000
<i>Podiceps cristatus australis</i>	Great Crested Grebe		R	30/10/2023
<i>Poliiocephalus poliocephalus</i>	Hoary-headed Grebe			7/03/2020
<i>Pomatostomus superciliosus</i>	White-browed Babbler			5/11/2015

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<i>Pomatostomus superciliosus superciliosus</i>	White-browed Babbler (southern SA)			1/07/2012
<i>Poodytes gramineus goulburni</i>	Little Grassbird			29/09/2018
<i>Porphyrio melanotus melanotus</i>	Australasian Swamphen			7/03/2020
<i>Porzana fluminea</i>	Australian Crake (Australian Spotted Crake)			18/11/2013
<i>Psephotus haematonotus haematonotus</i>	Red-rumped Parrot (eastern SA except NE)			5/11/2015
<i>Ptilotula ornata</i>	Yellow-plumed Honeyeater			18/04/2014
<i>Ptilotula penicillata</i>	White-plumed Honeyeater			7/11/2014
<i>Ptilotula penicillata leilavalensis</i>	White-plumed Honeyeater (NW, northern EP, NE)			3/03/2018
<i>Ptilotula penicillata penicillata</i>	White-plumed Honeyeater (northern YP, MN, AP, MLR, LNE, MM, SE)			1/07/2012
<i>Purnella albifrons</i>	White-fronted Honeyeater			8/11/2013
<i>Recurvirostra novaehollandiae</i>	Red-necked Avocet			7/03/2020
<i>Rhipidura albiscapa</i>	Grey Fantail			13/04/2018
<i>Rhipidura albiscapa alisteri</i>	Grey Fantail (southern SA)			7/03/2020
<i>Rhipidura leucophrys leucophrys</i>	Willie Wagtail			7/03/2020
<i>Sericornis frontalis (NC)</i>	White-browed Scrubwren			6/11/2014
<i>Smicrornis brevirostris</i>	Weebill			5/11/2015
<i>Smicrornis brevirostris occidentalis</i>	Weebill (Yellabinnia, Gawler Ranges, EP, YP, southern FR, MN, MLR, MM)			1/07/2012
<i>Spatula rhynchotis</i>	Australasian Shoveler		R	29/10/2023
<i>Stagonopleura guttata</i>	Diamond Firetail	VU	V	17/08/2016
<i>Sternula nereis nereis</i>	Fairy Tern	VU	E	12/03/2000
<i>Stictonetta naevosa</i>	Freckled Duck		V	3/03/2018
<i>Strepera versicolor melanoptera</i>	Black-winged Currawong (MLR, MM, SE)			7/03/2020
<i>Tachybaptus novaehollandiae novaehollandiae</i>	Australasian Grebe			27/05/2018
<i>Tadorna tadornoides</i>	Australian Shelduck			7/03/2020
<i>Taeniopygia guttata castanotis</i>	Zebra Finch			17/10/2013
<i>Thalasseus bergii cristatus</i>	Greater Crested Tern			7/03/2020
<i>Threskiornis molucca molucca</i>	Australian White Ibis			7/03/2020
<i>Threskiornis sp.</i>				1/12/1997
<i>Threskiornis spinicollis</i>	Straw-necked Ibis			7/03/2020
<i>Tribonyx ventralis</i>	Black-tailed Nativehen			29/09/2018
<i>Trichoglossus moluccanus moluccanus</i>	Rainbow Lorikeet			3/03/2018
<i>Tringa glareola</i>	Wood Sandpiper		R	8/01/2007
<i>Tringa nebularia</i>	Common Greenshank	EN		7/03/2020
<i>Tringa stagnatilis</i>	Marsh Sandpiper			7/04/2010
<i>Tringa totanus</i>	Common Redshank			8/03/2005
<i>Tyto javanica delicatula</i>	Eastern Barn Owl			29/09/2018
<i>Vanellus miles</i>	Masked Lapwing			7/11/2015
<i>Vanellus miles novaehollandiae</i>	Spur-winged Plover			7/03/2020
<i>Zapornia pusilla palustris</i>	Baillon's Crake			8/10/2013
<i>Zapornia tabuensis</i>	Spotless Crake		R	3/03/2018

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<i>Zoothra lunulata halmaturina</i>	South Australian Bassian Thrush (southern FR, MLR, KI)	EN	R	1/07/2012
<i>Zosterops lateralis</i>	Silvereye			5/11/2015
<i>Zosterops lateralis pinarochrous</i>	Silvereye (EP, YP, FR, MLR, MM, SE)			7/03/2020
<i>Bos taurus</i>	Cattle (European Cattle)			6/11/2014
<i>Canis familiaris</i> (Feral Dog)	Feral Dog			5/11/2014
<i>Lepus europaeus</i>	European Brown Hare			5/11/2015
<i>Mus musculus</i>	House Mouse			8/11/2014
<i>Oryctolagus cuniculus</i>	Rabbit (European Rabbit)			4/11/2015
<i>Ovis aries</i>	Sheep (Feral Sheep)			20/03/2002
<i>Rattus rattus</i>	Black Rat (Ship Rat, Roof Rat)			22/03/2002
<i>Vulpes vulpes</i>	Fox (Red Fox)			8/11/2014
<i>Austronomus australis</i>	White-striped Free-tailed Bat			11/01/2019
<i>Chalinolobus gouldii</i>	Gould's Wattled Bat			11/01/2019
<i>Chalinolobus morio</i>	Chocolate Wattled Bat			2/03/2018
<i>Hydromys chrysogaster</i>	Water Rat			22/03/2002
<i>Macropus fuliginosus</i>	Western Grey Kangaroo			5/11/2015
<i>Macropus sp.</i>				8/11/2014
<i>Mormopterus planiceps</i>	Southern Free-tailed Bat			11/01/2019
<i>Mormopterus sp.</i>				3/03/2018
<i>Nyctophilus geoffroyi</i>	Lesser Long-eared Bat			20/03/2002
<i>Nyctophilus sp.</i>				10/01/2019
<i>Pseudocheirus peregrinus</i>	Common Ringtail Possum			21/03/2002
<i>Pteropus poliocephalus</i>	Grey-headed Flying-fox	VU	R	23/08/2025
<i>Vespadelus sp.</i>				10/01/2019
<i>Vespadelus vulturnus</i>	Little Forest Bat			11/01/2019
<i>Chelodina longicollis</i>	Eastern Long-necked Turtle			10/04/2018
<i>Christinus marmoratus</i>	Common Marbled Gecko			21/03/2002
<i>Emydura macquarii</i>	Macquarie River Turtle		V	5/03/2017
<i>Hemiergis peronii</i>	Four-toed Earless Skink			19/03/2002
<i>Menetia greyii</i>	Common Dwarf Skink			19/03/2002
<i>Notechis scutatus</i>	Tiger Snake	ssp		22/03/2002
<i>Pogona vitticeps</i>	Central Bearded Dragon			13/11/2013
<i>Tiliqua rugosa</i>	Sleepy Lizard			16/10/2013