

Appendix B – Relevant legislation, conservation codes and background information

Relevant legislation

Federal Environment Protection and Biodiversity Conservation Act 1999

The *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act) is the Federal Government's central piece of environmental legislation. It provides a legal framework to protect and manage nationally and internationally important flora, fauna, ecological communities and heritage places, which are defined in the EPBC Act as Matters of National Environmental Significance (MNES).

The biological aspects listed as MNES include:

- Nationally threatened flora and fauna species and ecological communities
- Migratory species

A person must not undertake an action that has, will have, or is likely to have a significant impact (direct or indirect) on MNES, without approval from the Federal Minister for the Environment.

The EPBC Act is administered by the Department of the Environment and Energy (DEE).

State Environmental Protection Act 1986

The *Environmental Protection Act 1986* (EP Act) is the primary legislative Act dealing with the protection of the environment in Western Australia. The Act allows the Environmental Protection Authority (EPA), to prevent, control and abate pollution and environmental harm, for the conservation, preservation, protection, enhancement and management of the environment and for matters incidental to or connected with the foregoing. Part IV of the EP Act is administered by the EPA and makes provisions for the EPA to undertake environmental impact assessment of significant proposals, strategic proposals and land use planning schemes.

The Department of Water and Environment Regulation (DWER) is responsible for administering the clearing provisions of the EP Act (Part V). Clearing of native vegetation in Western Australia requires a permit from the DWER, unless exemptions apply. Applications for clearing permits are assessed by the Department and decisions are made to grant or refuse the application in accordance with the Act. When making a decision the assessment considers clearing against the ten clearing principles as specified in Schedule 5 of the EP Act:

- a) Native vegetation should not be cleared if it comprises a high level of biodiversity.
- b) Native vegetation should not be cleared if it comprises the whole or a part of, or is necessary for the maintenance of a significance habitat for fauna indigenous to Western Australia.
- c) Native vegetation should not be cleared if it includes, or is necessary, for the continued existence of rare flora.
- d) Native vegetation should not be cleared if it comprises the whole or part of native vegetation in an area that has been extensively cleared.
- e) Native vegetation should not be cleared if it is significant as a remnant of native vegetation in an area that has been extensively cleared.
- f) Native vegetation should not be cleared if it is growing in, or in association with, an environment associated with a watercourse or wetland.
- g) Native vegetation should not be cleared if the clearing of the vegetation is likely to have an impact on the environmental values of any adjacent or nearby conservation area.
- h) Native vegetation should not be cleared if the clearing of the vegetation is likely to cause appreciable land degradation.

- i) Native vegetation should not be cleared if the clearing of the vegetation is likely to cause deterioration in the quality of surface or underground water.
- j) Native vegetation should not be cleared if clearing the vegetation is likely to cause, or exacerbate, the incidence of flooding.

Exemptions for clearing include clearing that is a requirement of a written law or authorised under certain statutory processes (listed in Schedule 6 of the EP Act) and exemptions for prescribed low impact day-to-day activities (prescribed in the Environmental Protection (Clearing of Native Vegetation) Regulations 2004); these exemptions do not apply in environmentally sensitive areas (ESAs).

State Biodiversity and Conservation Act 2016

The *Biodiversity Conservation Act 2016* (BC Act) provides for the conservation and protection of biodiversity and biodiversity components, as well as the promotion of the ecologically sustainable use of biodiversity components in Western Australia. The BC Act replaces both the repealed *Wildlife Conservation Act 1950* (WC Act) and the *Sandalwood Act 1929* (Sandalwood Act), as well as their associated regulations. To attain the objectives of the BC Act, principles of ecological sustainable development have been established:

- Decision-making processes should effectively integrate both long-term and short-term economic, environmental, social and equitable considerations
- If there are threats of serious or irreversible environmental damage, lack of full scientific certainty should not be used as a reason for postponing measures to prevent environmental degradation
- The present generation should ensure that the health, diversity and productivity of the environment is maintained or enhanced for the benefit of future generations
- The conservation of biodiversity and ecological integrity should be a fundamental consideration in decision-making
- Improved valuation, pricing and incentive mechanisms should be promoted.

The BC Act is administered by the Department of Biodiversity Conservation and Attractions (DBCA).

State Biosecurity and Agriculture Management Act 2007

The *Biosecurity and Agriculture Management Act 2007* (BAM Act) and associated regulations are administered by the Department of Primary Industries and Regional Development (DPIRD) and replace the repealed *Agriculture and Related Resources Protection Act 1976*. The main purposes of the BAM Act and its regulations are to:

- Prevent new animal and plant pests (vermin and weeds) and diseases from entering WA
- Manage the impact and spread of those pests already present in the state
- Safely manage the use of agricultural and veterinary chemicals
- Increased control over the sale of agricultural products that contain violative chemical residues.

The Western Australian Organism List (WAOL) provides the status of organisms which have been categorised under the BAM Act. A Declared Pest is a prohibited organism or an organism for which a declaration under Section 22(2) of the Act is in force. Declared Pests may be assigned a control category including: C1 (exclusion), C2 (eradication) and C3 (management). The category may apply to the whole of the State, LGAs, districts, individual properties or even paddocks, and all landholders are obliged to comply with the specific category of control. Categories of control are defined below.

DPIRD Categories for Declared Pests under the BAM Act

Control class code	Description
C1 (Exclusion)	Pests will be assigned to this category if they are not established in Western Australia and control measures are to be taken, including border checks, in order to prevent them entering and establishing in the State.
C2 (Eradication)	Pests will be assigned to this category if they are present in Western Australia in low enough numbers or in sufficiently limited areas that their eradication is still a possibility.
C3 (Management)	Pests will be assigned to this category if they are established in Western Australia but it is feasible, or desirable, to manage them in order to limit their damage. Control measures can prevent a C3 pest from increasing in population size or density or moving from an area in which it is established into an area which currently is free of that pest.

Background information

Environmentally Sensitive Areas

Environmentally Sensitive Areas (ESAs) are declared by the Minister for Environment under Section 51B of the EP Act. The Table below outlines the aspects of areas declared as ESA in the Environmental Protection (Environmentally Sensitive Areas) Notice 2005.

Aspects of ESAs

Aspects of Environmentally Sensitive Areas
A declared World Heritage property as defined in Section 13 of the EPBC Act.
An area that is included on the Register of the National Estate (RNE), because of its natural values, under the <i>Australian Heritage Commission Act 1975</i> of the Commonwealth (the RNE was closed in 2007 and is no longer a statutory list – all references to the RNE were removed from the EPBC Act on 19 February 2012).
A defined wetland and the area within 50 m of the wetland. Defined wetlands include Ramsar wetlands, conservation category wetlands and nationally important wetlands.
The area covered by vegetation within 50 m of rare flora, to the extent to which the vegetation is continuous with the vegetation in which the rare flora is located.
The area covered by a Threatened Ecological Community.
A Bush Forever Site listed in “Bush Forever” Volumes 1 and 2 (2000), published by the Western Australia Planning Commission, except to the extent to which the site is approved to be developed by the Western Australia Planning Commission.
The areas covered by the <i>Environmental Protection (Gnangara Mound Crown Land) Policy 1992</i> .
The areas covered by the <i>Environmental Protection (Western Swamp Tortoise Habitat) Policy 2002</i> .
The areas covered by the lakes to which the <i>Environmental Protection (Swan Coastal Plain Lakes) Policy 1992</i> (EPP Lakes) applies.
Protected wetlands as defined in the <i>Environmental Protection (South West Agricultural Zone Wetlands) Policy 1998</i> .

Reserves and conservation areas

Department of Biodiversity, Conservation and Attractions managed lands and waters

DBCA manages lands and waters throughout Western Australia to conserve ecosystems and species, and to provide for recreation and appreciation of the natural environment. DBCA managed lands and waters include national parks, conservation parks and reserves, marine parks and reserves, regional parks, nature reserves, State forest and timber reserves. DBCA managed conservation estate, is vested with the Conservation Commission of Western Australia. Access to, or through, some areas of DBCA managed lands may require a permit or could be restricted due to management activities. Proposed land use changes and development proposals that abut DBCA managed lands will generally be referred to DBCA throughout the assessment process.

Wetlands

Wetlands include not only lakes with open water, but areas of seasonally, intermittently or permanently waterlogged soil.

Ramsar Listed Wetlands

The Convention of Wetlands of International Importance was signed in 1971 at the Iranian town of Ramsar. The Convention has since been referred to as the Ramsar Convention. Ramsar Listed wetlands are “sites containing representative, rare or unique wetlands, or wetlands that are important for conserving biological diversity ... because of their ecological, botanical, zoological, limnological or hydrological importance” (DEE 2019b). Once a Ramsar Listed Wetland is designated, the country agrees to manage its conservation and ensure its wise use. Under the Convention, wise use is broadly defined as “maintaining the ecological character of a wetland” (DEE 2019b).

Nationally important wetlands

Wetlands of national significance are listed under the Directory of Important Wetlands in Australia. Nationally important wetlands are wetlands which meet at least one of the following criteria (DEE 2019a):

- It is a good example of a wetland type occurring within a biogeographic region in Australia
- It is a wetland which plays an important ecological or hydrological role in the natural functioning of a major wetland system/complex
- It is a wetland which is important as the habitat for animal taxa at a vulnerable stage in their life cycles, or provides a refuge when adverse conditions such as drought prevail
- The wetland supports one percent or more of the national populations of any native plant or animal taxa
- The wetland supports native plant or animal taxa or communities which are considered endangered or vulnerable at the national level
- The wetland is of outstanding historical or cultural significance

Vegetation extent and status

The National Objectives and Targets for Biodiversity Conservation 2001–2005 (Commonwealth of Australia 2001) recognise that the retention of 30 percent or more of the pre-clearing extent of each ecological community is necessary if Australia’s biological diversity is to be protected. This is the threshold level below which species loss appears to accelerate exponentially and loss below this level should not be permitted. This level of recognition is in keeping with the targets recommended in the review of the National Strategy for the Conservation of Australia’s Biological Diversity (ANZECC 2000).

The extent of remnant native vegetation in WA has been assessed by Shepherd et al. (2002) and the GoWA (2018), based on broadscale vegetation association mapping by Beard (various publications). The GoWA produces Statewide Vegetation Statistics Reports that are used for a number of purposes including conservation planning, land use planning and when assessing development applications. The reports are updated at least every two years.

Vegetation condition

The vegetation condition can be assessed in accordance with the vegetation condition rating scale for the South West and Interzone Botanical Provinces (EPA 2016a). The scale recognises the intactness of vegetation and consists of six rating levels as outlined below.

Vegetation condition rating scale for the South West and Interzone Botanical Provinces

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

Conservation codes

Species of significant flora, fauna and communities are protected under both Federal and State Acts. The Federal EPBC Act provides a legal framework to protect and manage nationally important flora and communities. The State BC Act is the primary wildlife conservation legislation in Western Australia. Information on the conservation codes is summarised in the following sections.

Ecological communities

Conservation significant communities

Ecological communities are defined as naturally occurring biological assemblages that occur in a particular type of habitat (English and Blyth 1997). Federally listed Threatened Ecological Communities (TECs) are protected under the EPBC Act. The BC Act provides for the Minister to list an ecological community as a TEC (section 27), or as a collapsed ecological community (section 31) statutory listing of State TECs by the Minister. The legislation also describes statutory processes for preparing recovery plans for TECs, the registration of their critical habitat, and penalties for unauthorised modification of TECs.

Possible TECs that do not meet survey criteria are added to the DBCA Priority Ecological Community (PEC) List under Priorities 1, 2 and 3. These are ecological communities that are adequately known; are rare but not threatened, or meet criteria for Near Threatened. PECs that have been recently removed from the threatened list are placed in Priority 4. These ecological communities require regular

monitoring. Conservation dependent ecological communities are placed in Priority 5. PECs are not listed under any formal Federal or State legislation, however, may be listed as TECs under the EPBC Act.

[Conservation codes and definitions for TECs listed under the EPBC Act and/ or BC Act](#)

Categories	Definition
Federal Government Conservation Categories (EPBC Act)	
Critically Endangered (CR)	An ecological community if, at that time, is facing an extremely high risk of extinction in the wild in the immediate future, as determined in accordance with the prescribed criteria (as outlined in Environment Protection and Biodiversity Conservation Regulations 2000)
Endangered (EN)	An ecological community if, at that time: <ul style="list-style-type: none"> A) is not critically endangered; and B) is facing a very high risk of extinction in the wild in the near future, as determined in accordance with the prescribed criteria (as outlined in Environment Protection and Biodiversity Conservation Regulations 2000)
Vulnerable (VU)	An ecological community if, at that time: <ul style="list-style-type: none"> A) is not critically endangered or endangered; and B) is facing a high risk of extinction in the wild in the medium-term future, as determined in accordance with the prescribed criteria (as outlined in Environment Protection and Biodiversity Conservation Regulations 2000)
Western Australia Conservation Categories (BC Act)	
<u>Threatened Ecological Communities</u>	
Critically Endangered (CR)	An ecological community that has been adequately surveyed and found to have been subject to a major contraction in area and/or that was originally of limited distribution and is facing severe modification or destruction throughout its range in the immediate future, or is already severely degraded throughout its range but capable of being substantially restored or rehabilitated.
Endangered (EN)	An ecological community that has been adequately surveyed and found to have been subject to a major contraction in area and/or was originally of limited distribution and is in danger of significant modification throughout its range or severe modification or destruction over most of its range in the near future.
Vulnerable (VU)	An ecological community that has been adequately surveyed and is found to be declining and/or has declined in distribution and/or condition and whose ultimate security has not yet been assured and/or a community that is still widespread but is believed likely to move into a category of higher threat in the near future if threatening processes continue or begin operating throughout its range.
<u>Collapsed ecological communities</u>	

Categories	Definition
	<p>An ecological community is eligible for listing as a collapsed ecological community at a particular time if, at that time –</p> <p>(a) there is no reasonable doubt that the last occurrence of the ecological community has collapsed); or</p> <p>(b) the ecological community has been so extensively modified throughout its range that no occurrence of it is likely to recover –</p> <p style="padding-left: 40px;">(i) its species composition or structure; or</p> <p style="padding-left: 40px;">(ii) its species composition and structure.</p> <p>Section 33 of the BC Act provides for a collapsed ecological community to be regarded as a threatened ecological community if it is discovered in a state that no longer makes it eligible for listing as a collapsed ecological community.</p>

Conservation categories and definitions for PECS as listed by the DBCA

Category	Description
Priority 1	<p>Poorly known ecological communities.</p> <p>Ecological communities that are known from very few occurrences with a very restricted distribution (generally ≤ 5 occurrences or a total area of ≤ 100 ha). Occurrences are believed to be under threat either due to limited extent, or being on lands under immediate threat (e.g. within agricultural or pastoral lands, urban areas, active mineral leases) or for which current threats exist. May include communities with occurrences on protected lands. Communities may be included if they are comparatively well-known from one or more localities but do not meet adequacy of survey requirements, and/or are not well defined, and appear to be under immediate threat from known threatening processes across their range.</p>
Priority 2	<p>Poorly known ecological communities.</p> <p>Communities that are known from few occurrences with a restricted distribution (generally ≤ 10 occurrences or a total area of ≤ 200 ha). At least some occurrences are not believed to be under immediate threat of destruction or degradation. Communities may be included if they are comparatively well known from one or more localities but do not meet adequacy of survey requirements, and/or are not well defined, and appear to be under threat from known threatening processes.</p>
Priority 3	<p>Poorly known ecological communities.</p> <p>(i) Communities that are known from several to many occurrences, a significant number or area of which are not under threat of habitat destruction or degradation or:</p> <p>(ii) communities known from a few widespread occurrences, which are either large or with significant remaining areas of habitat in which other occurrences may occur, much of it not under imminent threat, or;</p> <p>(iii) communities made up of large, and/or widespread occurrences, that may or may not be represented in the reserve system, but are under threat of modification across much of their range from processes such as grazing by domestic and/or feral stock, and inappropriate fire regimes.</p> <p>Communities may be included if they are comparatively well known from several localities but do not meet adequacy of survey requirements and/or are not well defined, and known threatening processes exist that could affect them.</p>

Category	Description
Priority 4	<p>Ecological communities that are adequately known, rare but not threatened or meet criteria for Near Threatened, or that have been recently removed from the threatened list. These communities require regular monitoring.</p> <p>(i) Rare. Ecological communities known from few occurrences that are considered to have been adequately surveyed, or for which sufficient knowledge is available, and that are considered not currently threatened or in need of special protection, but could be if present circumstances change. These communities are usually represented on conservation lands.</p> <p>(ii) Near Threatened. Ecological communities that are considered to have been adequately surveyed and that do not qualify for Conservation Dependent, but that are close to qualifying for Vulnerable.</p> <p>(iii) Ecological communities that have been removed from the list of threatened communities during the past five years.</p>
Priority 5	<p>Conservation Dependent ecological communities.</p> <p>Ecological communities that are not threatened but are subject to a specific conservation program, the cessation of which would result in the community becoming threatened within five years.</p>

Other significant vegetation

Vegetation may be significant for a range of reasons other than a statutory listing. The EPA (2016b) states that significant vegetation may include vegetation that includes the following:

- Restricted distribution
- Degree of historical impact from threatening processes
- Local endemism in restricted habitats
- Novel combinations of taxa
- A role as a refuge
- A role as a key habitat for Threatened species or large population representing a significant proportion of the local to regional total population of a species
- Being representative of a vegetation unit in 'pristine' condition in a highly cleared landscape, recently discovered range extensions, or isolated outliers of the main range)
- Being poorly reserved.

This may apply at a number of levels, so the unit may be significant when considered at the fine-scale (intra-locality), intermediate-scale (locality or inter-locality) or broad-scale (local to region).

Flora and fauna

Conservation significant flora and fauna

Species of significant flora are protected under both Federal and State legislation. Any activities that are deemed to have a significant impact on species that are recognised by the EPBC Act, and/or the BC Act can warrant referral to the DEE and/or the EPA.

The Federal conservation level of flora and fauna species and their significance status is assessed under the EPBC Act. The significance levels for flora and fauna used in the EPBC Act align with the International Union for Conservation of Nature (IUCN) Red List criteria, which are internationally recognised as providing best practice for assigning the conservation status of species. The EPBC Act also protects land and migratory species that are listed under International Agreements. The list of migratory species established under section 209 of the EPBC Act comprises:

- Migratory species which are native to Australia and are included in the appendices to the Bonn Convention (Convention on the Conservation of Migratory Species of Wild Animals Appendices I and II)
- Migratory species included in annexes established under the Japan-Australia Migratory Bird Agreement (JAMBA) and the China–Australia Migratory Bird Agreement (CAMBA)
- Native, migratory species identified in a list established under, or an instrument made under, an international agreement approved by the Minister, such as the republic of Korea–Australia Migratory Bird Agreement (ROKAMBA)

The State conservation level of flora and fauna species and their significance status also follows the IUCN Red List criteria. Under the BC Act flora and fauna can be listed as Threatened, Extinct and as Specially Protected species.

Threatened species are those are species which have been adequately searched for and are deemed to be, in the wild, either rare, under identifiable threat of extinction, or otherwise in need of special protection, and have been gazetted as such. The assessment of the conservation status of Threatened species is based on their national extent and ranked according to their level of threat using IUCN Red List categories and criteria. Specially protected species meet one or more of the following categories: species of special conservation interest; migratory species; cetaceans; species subject to international agreement; or species otherwise in need of special protection. Species that are listed as Threatened or Extinct species under the BC Act cannot also be listed as Specially Protected species.

Possibly threatened species that do not meet survey criteria, or are otherwise data deficient, are added to the Priority Fauna or Priority Flora Lists under Priorities 1, 2 or 3. These three categories are ranked in order of priority for survey and evaluation of conservation status so that consideration can be given to their declaration as threatened flora or fauna.

Species that are adequately known, are rare but not threatened, or meet criteria for near threatened, or that have been recently removed from the threatened species or other specially protected fauna lists for other than taxonomic reasons, are placed in Priority 4. These species require regular monitoring.

Assessment of Priority codes is based on the Western Australian distribution of the species, unless the distribution in WA is part of a contiguous population extending into adjacent States, as defined by the known spread of locations.

For the purposes of this assessment, all species listed under the EPBC Act, BC Act and DBCA Priority species are considered conservation significant.

Conservation categories and definitions for EPBC Act and BC Act listed flora and fauna species

Conservation category	Definition
Threatened species	
Critically Endangered (CR)	<p>Threatened species considered to be “facing an extremely high risk of extinction in the wild in the immediate future, as determined in accordance with criteria set out in the ministerial guidelines”.</p> <p>Listed as critically endangered under section 19(1)(a) of the BC Act in accordance with the criteria set out in section 20 and the ministerial guidelines.</p>
Endangered (EN)	<p>Threatened species considered to be “facing a very high risk of extinction in the wild in the near future, as determined in accordance with criteria set out in the ministerial guidelines”.</p> <p>Listed as endangered under section 19(1)(b) of the BC Act in accordance with the criteria set out in section 21 and the ministerial guidelines</p>
Vulnerable (VU)	<p>Threatened species considered to be “facing a high risk of extinction in the wild in the medium term future, as determined in accordance with criteria set out in the ministerial guidelines”.</p> <p>Listed as vulnerable under section 19(1)(c) of the BC Act in accordance with the criteria set out in section 22 and the ministerial guidelines.</p>
Extinct species	
Extinct (EX)	Species where “there is no reasonable doubt that the last member of the species has died”, and listing is otherwise in accordance with the ministerial guidelines (section 24 of the BC Act).
Extinct in the Wild (EW)	Species that “is known only to survive in cultivation, in captivity or as a naturalised population well outside its past range; and it has not been recorded in its known habitat or expected habitat, at appropriate seasons, anywhere in its past range, despite surveys over a time frame appropriate to its life cycle and form”, and listing is otherwise in accordance with the ministerial guidelines (section 25 of the BC Act).
Specially protected species	
Migratory (MI)	<p>Fauna that periodically or occasionally visit Australia or an external Territory or the exclusive economic zone; or the species is subject of an international agreement that relates to the protection of migratory species and that binds the Commonwealth; and listing is otherwise in accordance with the ministerial guidelines (section 15 of the BC Act).</p> <p>Includes birds that are subject to an agreement between the government of Australia and the governments of Japan (JAMBA), China (CAMBA) and The Republic of Korea (ROKAMBA), and fauna subject to the Convention on the Conservation of Migratory Species of Wild Animals (Bonn Convention), an environmental treaty under the United Nations Environment Program. Migratory species listed under the BC Act are a subset of the migratory animals, that are known to visit Western Australia, protected under the international agreements or treaties, excluding species that are listed as Threatened species</p>

Conservation category	Definition
Species of special conservation interest (conservation dependent fauna) (CD)	Fauna of special conservation need being species dependent on ongoing conservation intervention to prevent it becoming eligible for listing as threatened.
Other specially protected fauna (OS)	Fauna otherwise in need of special protection to ensure their conservation, and listing is otherwise in accordance with the ministerial guidelines (section 18 of the BC Act).

Conservation codes for DBCA listed Priority flora and fauna

Priority category	Definition
Priority 1	<p>Poorly-known taxa</p> <p>Species that are known from one or a few locations (generally five or less) which are potentially at risk. All occurrences are either: very small; or on lands not managed for conservation, e.g. agricultural or pastoral lands, urban areas, road and rail reserves, gravel reserves and active mineral leases; or otherwise under threat of habitat destruction or degradation. Species may be included if they are comparatively well known from one or more locations but do not meet adequacy of survey requirements and appear to be under immediate threat from known threatening processes. Such species are in urgent need of further survey.</p>
Priority 2	<p>Poorly-known taxa</p> <p>Species that are known from one or a few locations (generally five or less), some of which are on lands managed primarily for nature conservation, e.g. national parks, conservation parks, nature reserves and other lands with secure tenure being managed for conservation. Species may be included if they are comparatively well known from one or more locations but do not meet adequacy of survey requirements and appear to be under threat from known threatening processes. Such species are in urgent need of further survey.</p>
Priority 3	<p>Poorly-known taxa</p> <p>Species that are known from several locations, and the species does not appear to be under imminent threat, or from few but widespread locations with either large population size or significant remaining areas of apparently suitable habitat, much of it not under imminent threat. Species may be included if they are comparatively well known from several locations but do not meet adequacy of survey requirements and known threatening processes exist that could affect them. Such species are in need of further survey.</p>
Priority 4	<p>Rare, Near Threatened and other taxa in need of monitoring</p> <p>A. Rare: Taxa that are considered to have been adequately surveyed, or for which sufficient knowledge is available, and that are considered not currently threatened or in need of special protection, but could be if present circumstances change. These taxa are usually represented on conservation lands.</p> <p>B. Near Threatened. Taxa that are considered to have been adequately surveyed and that do not qualify for Conservation Dependent, but that are close to qualifying for Vulnerable.</p> <p>C. Taxa that have been removed from the list of threatened taxa during the past five years for reasons other than taxonomy.</p>

Other significant flora

Flora species, subspecies, varieties, hybrids and ecotypes may be significant for a range of reasons, other than a statutory listing. The EPA (2016b) states that significant flora may include taxa that have:

- A keystone role in a particular habitat for threatened or Priority flora or fauna species, or large populations representing a considerable proportion of the local or regional total population of a species
- Relictual status, being representation of taxonomic or physiognomic groups that no longer occur widely in the broader landscape
- Anomalous features that indicate a potential new discovery
- Being representative of the range of a species (particularly, at the extremes of range, recently discovered range extensions, or isolated outliers of the main range)
- The presence of restricted subspecies, varieties, or naturally occurring hybrids
- Local endemism (a restricted distribution) or association with a restricted habitat type (e.g. surface water or groundwater dependent ecosystems)
- Being poorly reserved

Other significant fauna

Fauna species may be significant for a range of reasons other than those protected by international agreement or treaty, Specially Protected or Priority Fauna. Significant fauna may include short-range endemic species, species that have declining populations or declining distributions, species at the extremes of their range, or isolated outlying populations, or species which may be undescribed (EPA 2010).

Introduced plants (weeds)

Declared Pests

Information on species considered to be Declared Pests is provided under *State Biosecurity and Agriculture Management Act 2007*.

Weeds of National Significance

The spread of weeds across a range of land uses or ecosystems is important in the context of socio-economic and environmental values. The assessment of Weeds of National Significance (WoNS) is based on four major criteria:

- Invasiveness
- Impacts
- Potential for spread
- Socio-economic and environmental values

Australian state and territory governments have identified thirty-two Weeds of National Significance (WoNS); a list of 20 WoNS was endorsed in 1999 and a further 12 were added in 2012.

References

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- GoWA 2018, *Statewide Vegetation Statistics incorporating the CAR Reserve Analysis (Full report)*, Current as of December 2017, Perth Western Australia, Department of Environment and Conservation, from <https://www2.landgate.wa.gov.au/web/guest/downloader>.
- Shepherd, DP, Beeston, GR & Hopkins, AJM 2002, *Native Vegetation in Western Australia – Extent, Type and Status*, Resource Management Technical Report 249, Perth, Department of Agriculture.

Appendix C – Database searches

EPBC Act Protected Matters Search report (40 km buffer)

NatureMap flora report (40 km buffer)

NatureMap fauna report (40 km buffer)



EPBC Act Protected Matters Report

This report provides general guidance on matters of national environmental significance and other matters protected by the EPBC Act in the area you have selected.

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

Information is available about [Environment Assessments](#) and the EPBC Act including significance guidelines, forms and application process details.

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[Summary](#)

[Details](#)

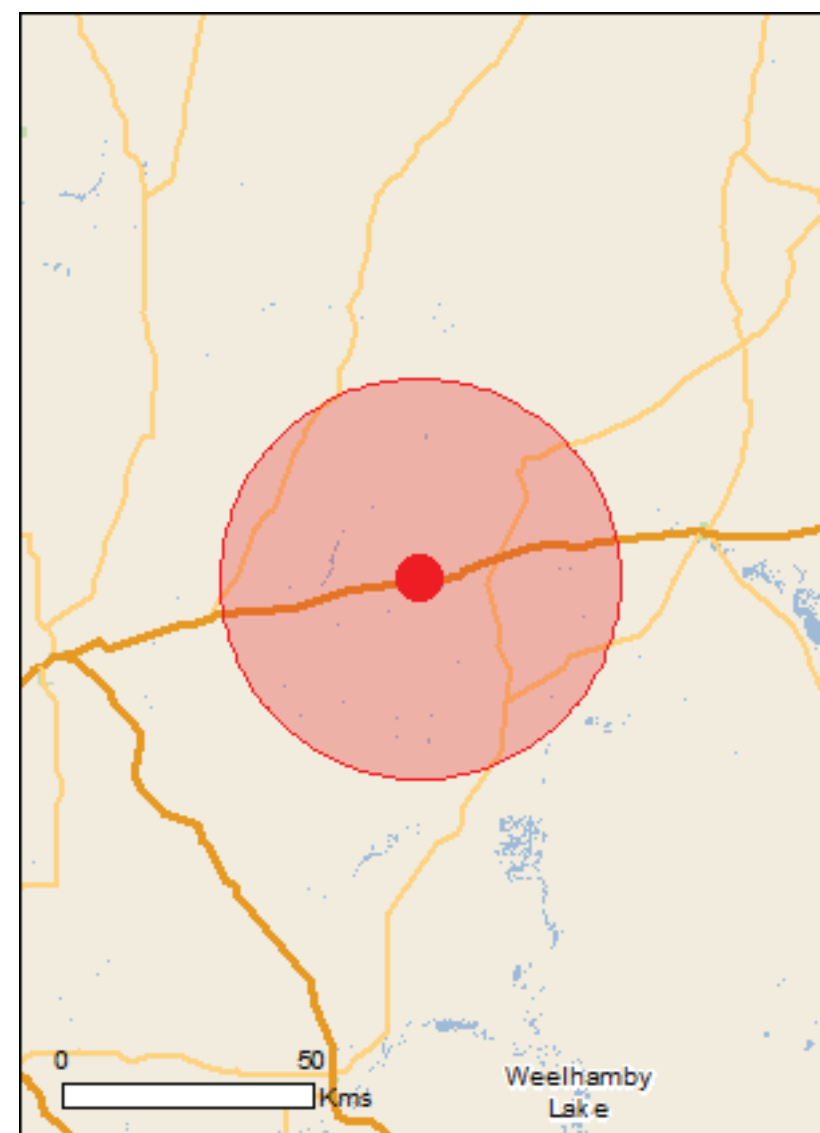
[Matters of NES](#)

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

[Extra Information](#)

[Caveat](#)

[Acknowledgements](#)



This map may contain data which are
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[Coordinates](#)

Buffer: 40.0Km



Summary

Matters of National Environmental Significance

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

World Heritage Properties:	None
National Heritage Places:	None
Wetlands of International Importance:	None
Great Barrier Reef Marine Park:	None
Commonwealth Marine Area:	None
Listed Threatened Ecological Communities:	1
Listed Threatened Species:	15
Listed Migratory Species:	7

Other Matters Protected by the EPBC Act

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

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

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

Commonwealth Land:	None
Commonwealth Heritage Places:	None
Listed Marine Species:	12
Whales and Other Cetaceans:	None
Critical Habitats:	None
Commonwealth Reserves Terrestrial:	None
Australian Marine Parks:	None

Extra Information

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

State and Territory Reserves:	4
Regional Forest Agreements:	None
Invasive Species:	14
Nationally Important Wetlands:	None
Key Ecological Features (Marine)	None

Details

Matters of National Environmental Significance

Listed Threatened Ecological Communities [\[Resource Information \]](#)

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

Name	Status	Type of Presence
Eucalypt Woodlands of the Western Australian Wheatbelt	Critically Endangered	Community likely to occur within area

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

Name	Status	Type of Presence
------	--------	------------------

Birds

Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area
---	-----------------------	--

Leipoa ocellata Malleefowl [934]	Vulnerable	Species or species habitat known to occur within area
---	------------	---

Pezoporus occidentalis Night Parrot [59350]	Endangered	Species or species habitat may occur within area
--	------------	--

Mammals

Dasyurus geoffroii Chuditch, Western Quoll [330]	Vulnerable	Species or species habitat may occur within area
---	------------	--

Other

Idiosoma nigrum Shield-backed Trapdoor Spider, Black Rugose Trapdoor Spider [66798]	Vulnerable	Species or species habitat likely to occur within area
--	------------	--

Plants

Acacia cochlocarpa subsp. cochlocarpa Spiral-fruited Wattle [23877]	Endangered	Species or species habitat may occur within area
--	------------	--

Dasymalla axillaris Native Foxglove [38829]	Critically Endangered	Species or species habitat may occur within area
--	-----------------------	--

Eleocharis papillosa Dwarf Desert Spike-rush [2519]	Vulnerable	Species or species habitat known to occur within area
--	------------	---

Eremophila nivea Silky Eremophila [14431]	Endangered	Species or species habitat likely to occur within area
--	------------	--

Eremophila viscida Varnish Bush [2394]	Endangered	Species or species habitat known to occur
---	------------	---

Extra Information

State and Territory Reserves	[Resource Information]
Name	State
Barnong Pastoral Lease	WA
Barnong Pastoral Lease - Western Part	WA
Barrabarra	WA
Narloo, part Yuin & part Twin Peaks Pastoral Leases	WA

Invasive Species [[Resource Information](#)]

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

Name	Status	Type of Presence
Birds		
Columba livia Rock Pigeon, Rock Dove, Domestic Pigeon [803]		Species or species habitat likely to occur within area
Streptopelia senegalensis Laughing Turtle-dove, Laughing Dove [781]		Species or species habitat likely to occur within area
Mammals		
Canis lupus familiaris Domestic Dog [82654]		Species or species habitat likely to occur within area
Capra hircus Goat [2]		Species or species habitat likely to occur within area
Felis catus Cat, House Cat, Domestic Cat [19]		Species or species habitat likely to occur within area
Feral deer Feral deer species in Australia [85733]		Species or species habitat likely to occur within area
Mus musculus House Mouse [120]		Species or species habitat likely to occur within area
Oryctolagus cuniculus Rabbit, European Rabbit [128]		Species or species habitat likely to occur within area
Sus scrofa Pig [6]		Species or species habitat likely to occur within area
Vulpes vulpes Red Fox, Fox [18]		Species or species habitat likely to occur within area
Plants		
Carrichtera annua Ward's Weed [9511]		Species or species habitat may occur within area
Cenchrus ciliaris Buffel-grass, Black Buffel-grass [20213]		Species or species habitat may occur within area
Chrysanthemoides monilifera Bitou Bush, Boneseed [18983]		Species or species habitat may occur within

Other Matters Protected by the EPBC Act

Listed Marine Species		[Resource Information]
* Species is listed under a different scientific name on the EPBC Act - Threatened Species list.		
Name	Threatened	Type of Presence
Birds		
Actitis hypoleucos Common Sandpiper [59309]		Species or species habitat may occur within area
Apus pacificus Fork-tailed Swift [678]		Species or species habitat likely to occur within area
Ardea alba Great Egret, White Egret [59541]		Species or species habitat likely to occur within area
Ardea ibis Cattle Egret [59542]		Species or species habitat may occur within area
Calidris acuminata Sharp-tailed Sandpiper [874]		Species or species habitat may occur within area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area
Calidris melanotos Pectoral Sandpiper [858]		Species or species habitat may occur within area
Chrysococcyx osculans Black-eared Cuckoo [705]		Species or species habitat known to occur within area
Merops ornatus Rainbow Bee-eater [670]		Species or species habitat may occur within area
Motacilla cinerea Grey Wagtail [642]		Species or species habitat may occur within area
Thinornis rubricollis Hooded Plover [59510]		Species or species habitat may occur within area
Tringa nebularia Common Greenshank, Greenshank [832]		Species or species habitat may occur within area

Name	Status	Type of Presence within area
Eucalyptus beardiana Beard's Mallee [18933]	Vulnerable	Species or species habitat may occur within area
Eucalyptus synandra Jingymia Mallee [3753]	Vulnerable	Species or species habitat likely to occur within area
Gyrostemon reticulatus Net-veined Gyrostemon [8491]	Critically Endangered	Species or species habitat likely to occur within area
Roycea pycnophylloides Saltmat [21161]	Endangered	Species or species habitat likely to occur within area

Reptiles

Egernia stokesii badia Western Spiny-tailed Skink, Baudin Island Spiny-tailed Skink [64483]	Endangered	Species or species habitat likely to occur within area
--	------------	--

Listed Migratory Species

[[Resource Information](#)]

* Species is listed under a different scientific name on the EPBC Act - Threatened Species list.

Name	Threatened	Type of Presence
Migratory Marine Birds		
Apus pacificus Fork-tailed Swift [678]		Species or species habitat likely to occur within area

Migratory Terrestrial Species

Motacilla cinerea Grey Wagtail [642]		Species or species habitat may occur within area
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Migratory Wetlands Species

Actitis hypoleucos Common Sandpiper [59309]		Species or species habitat may occur within area
Calidris acuminata Sharp-tailed Sandpiper [874]		Species or species habitat may occur within area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area
Calidris melanotos Pectoral Sandpiper [858]		Species or species habitat may occur within area
Tringa nebularia Common Greenshank, Greenshank [832]		Species or species habitat may occur within area

Name	Status	Type of Presence
Tamarix aphylla Athel Pine, Athel Tree, Tamarisk, Athel Tamarisk, Athel Tamarix, Desert Tamarisk, Flowering Cypress, Salt Cedar [16018]		area Species or species habitat likely to occur within area

Caveat

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

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

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

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

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

Where very little information is available for species or large number of maps are required in a short time-frame, maps are derived either from 0.04 or 0.02 decimal degree cells; by an automated process using polygon capture techniques (static two kilometre grid cells, alpha-hull and convex hull); or captured manually or by using topographic features (national park boundaries, islands, etc). In the early stages of the distribution mapping process (1999-early 2000s) distributions were defined by degree blocks, 100K or 250K map sheets to rapidly create distribution maps. More reliable distribution mapping methods are used to update these distributions as time permits.

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

- migratory and
- marine

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

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

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

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

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

Coordinates

-28.41822 116.16632

Acknowledgements

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

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

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

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



EPBC Act Protected Matters Report

This report provides general guidance on matters of national environmental significance and other matters protected by the EPBC Act in the area you have selected.

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

Information is available about [Environment Assessments](#) and the EPBC Act including significance guidelines, forms and application process details.

Report created: 21/01/19 15:24:32

[Summary](#)

[Details](#)

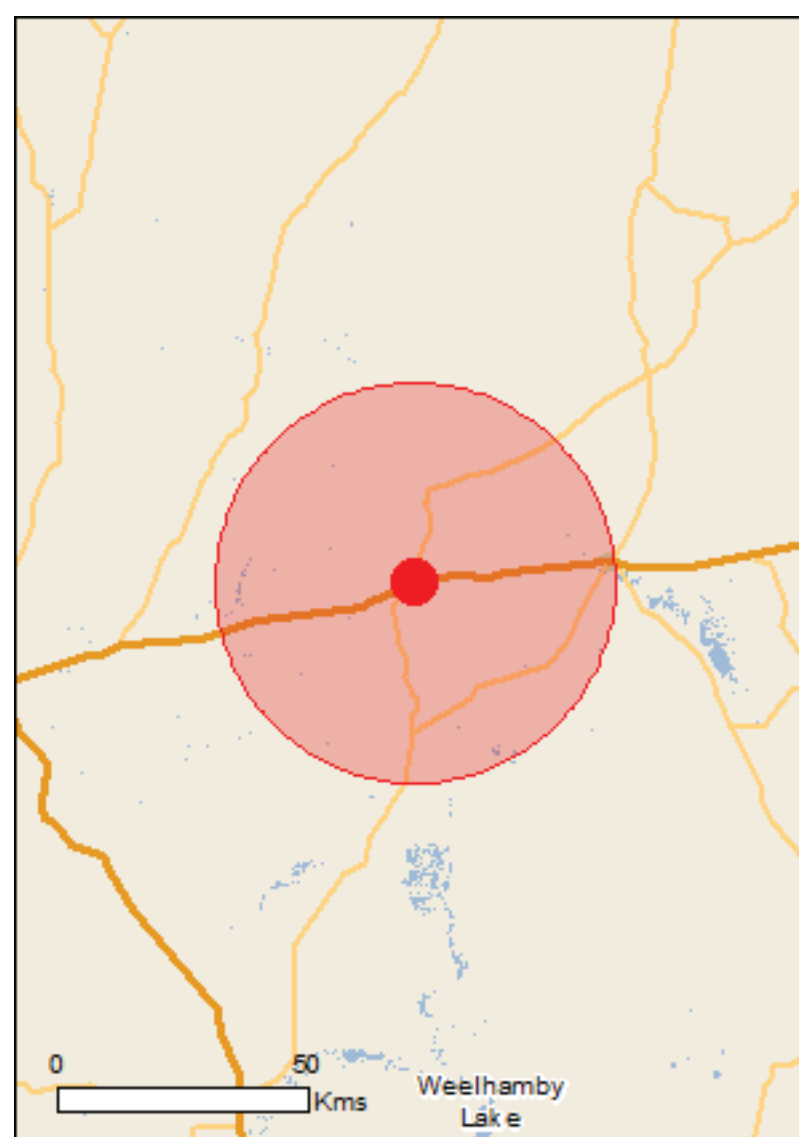
[Matters of NES](#)

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

[Extra Information](#)

[Caveat](#)

[Acknowledgements](#)



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[Coordinates](#)

Buffer: 40.0Km



Summary

Matters of National Environmental Significance

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

World Heritage Properties:	None
National Heritage Places:	None
Wetlands of International Importance:	None
Great Barrier Reef Marine Park:	None
Commonwealth Marine Area:	None
Listed Threatened Ecological Communities:	1
Listed Threatened Species:	14
Listed Migratory Species:	7

Other Matters Protected by the EPBC Act

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

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

Commonwealth Land:	1
Commonwealth Heritage Places:	None
Listed Marine Species:	12
Whales and Other Cetaceans:	None
Critical Habitats:	None
Commonwealth Reserves Terrestrial:	None
Australian Marine Parks:	None

Extra Information

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

State and Territory Reserves:	3
Regional Forest Agreements:	None
Invasive Species:	14
Nationally Important Wetlands:	None
Key Ecological Features (Marine)	None

Details

Matters of National Environmental Significance

Listed Threatened Ecological Communities [\[Resource Information \]](#)

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

Name	Status	Type of Presence
Eucalypt Woodlands of the Western Australian Wheatbelt	Critically Endangered	Community likely to occur within area

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

Name	Status	Type of Presence
------	--------	------------------

Birds

Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area
Leipoa ocellata Malleefowl [934]	Vulnerable	Species or species habitat known to occur within area
Pezoporus occidentalis Night Parrot [59350]	Endangered	Species or species habitat may occur within area

Mammals

Dasyurus geoffroii Chuditch, Western Quoll [330]	Vulnerable	Species or species habitat may occur within area
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Other

Idiosoma nigrum Shield-backed Trapdoor Spider, Black Rugose Trapdoor Spider [66798]	Vulnerable	Species or species habitat likely to occur within area
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Plants

Dasymalla axillaris Native Foxglove [38829]	Critically Endangered	Species or species habitat may occur within area
Eleocharis papillosa Dwarf Desert Spike-rush [2519]	Vulnerable	Species or species habitat may occur within area
Eremophila nivea Silky Eremophila [14431]	Endangered	Species or species habitat likely to occur within area
Eremophila viscida Varnish Bush [2394]	Endangered	Species or species habitat known to occur within area
Eucalyptus beardiana Beard's Mallee [18933]	Vulnerable	Species or species habitat may occur within

Name	Status	Type of Presence area
Eucalyptus synandra Jingymia Mallee [3753]	Vulnerable	Species or species habitat likely to occur within area
Gyrostemon reticulatus Net-veined Gyrostemon [8491]	Critically Endangered	Species or species habitat likely to occur within area
Roycea pycnophylloides Saltmat [21161]	Endangered	Species or species habitat likely to occur within area

Reptiles

Egernia stokesii badia Western Spiny-tailed Skink, Baudin Island Spiny-tailed Skink [64483]	Endangered	Species or species habitat known to occur within area
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Listed Migratory Species

[[Resource Information](#)]

* Species is listed under a different scientific name on the EPBC Act - Threatened Species list.

Name	Threatened	Type of Presence
Migratory Marine Birds		
Apus pacificus Fork-tailed Swift [678]		Species or species habitat likely to occur within area

Migratory Terrestrial Species

Motacilla cinerea Grey Wagtail [642]		Species or species habitat may occur within area
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Migratory Wetlands Species

Actitis hypoleucos Common Sandpiper [59309]		Species or species habitat likely to occur within area
Calidris acuminata Sharp-tailed Sandpiper [874]		Species or species habitat may occur within area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area
Calidris melanotos Pectoral Sandpiper [858]		Species or species habitat may occur within area
Tringa nebularia Common Greenshank, Greenshank [832]		Species or species habitat may occur within area

Other Matters Protected by the EPBC Act

Commonwealth Land

[[Resource Information](#)]

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

Name

Commonwealth Land -

Listed Marine Species

[[Resource Information](#)]

* Species is listed under a different scientific name on the EPBC Act - Threatened Species list.

Name	Threatened	Type of Presence
Birds		

Name	Threatened	Type of Presence
Actitis hypoleucos Common Sandpiper [59309]		Species or species habitat likely to occur within area
Apus pacificus Fork-tailed Swift [678]		Species or species habitat likely to occur within area
Ardea alba Great Egret, White Egret [59541]		Species or species habitat likely to occur within area
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Chrysococcyx osculans Black-eared Cuckoo [705]		Species or species habitat known to occur within area
Merops ornatus Rainbow Bee-eater [670]		Species or species habitat may occur within area
Motacilla cinerea Grey Wagtail [642]		Species or species habitat may occur within area
Thinornis rubricollis Hooded Plover [59510]		Species or species habitat may occur within area
Tringa nebularia Common Greenshank, Greenshank [832]		Species or species habitat may occur within area

Extra Information

State and Territory Reserves	[Resource Information]
Name	State
Barnong Pastoral Lease	WA
Barnong Pastoral Lease - Western Part	WA
Narloo, part Yuin & part Twin Peaks Pastoral Leases	WA

Invasive Species

[[Resource Information](#)]

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

Name	Status	Type of Presence
Birds		
<i>Columba livia</i> Rock Pigeon, Rock Dove, Domestic Pigeon [803]		Species or species habitat likely to occur within area
<i>Streptopelia senegalensis</i> Laughing Turtle-dove, Laughing Dove [781]		Species or species habitat likely to occur within area
Mammals		
<i>Canis lupus familiaris</i> Domestic Dog [82654]		Species or species habitat likely to occur within area
<i>Capra hircus</i> Goat [2]		Species or species habitat likely to occur within area
<i>Felis catus</i> Cat, House Cat, Domestic Cat [19]		Species or species habitat likely to occur within area
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<i>Sus scrofa</i> Pig [6]		Species or species habitat likely to occur within area
<i>Vulpes vulpes</i> Red Fox, Fox [18]		Species or species habitat likely to occur within area
Plants		
<i>Carrichtera annua</i> Ward's Weed [9511]		Species or species habitat may occur within area
<i>Cenchrus ciliaris</i> Buffel-grass, Black Buffel-grass [20213]		Species or species habitat likely to occur within area
<i>Chrysanthemoides monilifera</i> Bitou Bush, Boneseed [18983]		Species or species habitat may occur within area
<i>Tamarix aphylla</i> Athel Pine, Athel Tree, Tamarisk, Athel Tamarisk, Athel Tamarix, Desert Tamarisk, Flowering Cypress, Salt Cedar [16018]		Species or species habitat likely to occur within area

Caveat

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

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- migratory and
- marine

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

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

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

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- seals which have only been mapped for breeding sites near the Australian continent

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

Coordinates

-28.37714 116.32562

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- [-Northern Territory Herbarium](#)
- [-Western Australian Herbarium](#)
- [-Australian National Herbarium, Canberra](#)
- [-University of New England](#)
- [-Ocean Biogeographic Information System](#)
- [-Australian Government, Department of Defence Forestry Corporation, NSW](#)
- [-Geoscience Australia](#)
- [-CSIRO](#)
- [-Australian Tropical Herbarium, Cairns](#)
- [-eBird Australia](#)
- [-Australian Government – Australian Antarctic Data Centre](#)
- [-Museum and Art Gallery of the Northern Territory](#)
- [-Australian Government National Environmental Science Program](#)
- [-Australian Institute of Marine Science](#)
- [-Reef Life Survey Australia](#)
- [-American Museum of Natural History](#)
- [-Queen Victoria Museum and Art Gallery, Inveresk, Tasmania](#)
- [-Tasmanian Museum and Art Gallery, Hobart, Tasmania](#)
- Other groups and individuals

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

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



EPBC Act Protected Matters Report

This report provides general guidance on matters of national environmental significance and other matters protected by the EPBC Act in the area you have selected.

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

Information is available about [Environment Assessments](#) and the EPBC Act including significance guidelines, forms and application process details.

Report created: 21/01/19 15:25:32

[Summary](#)

[Details](#)

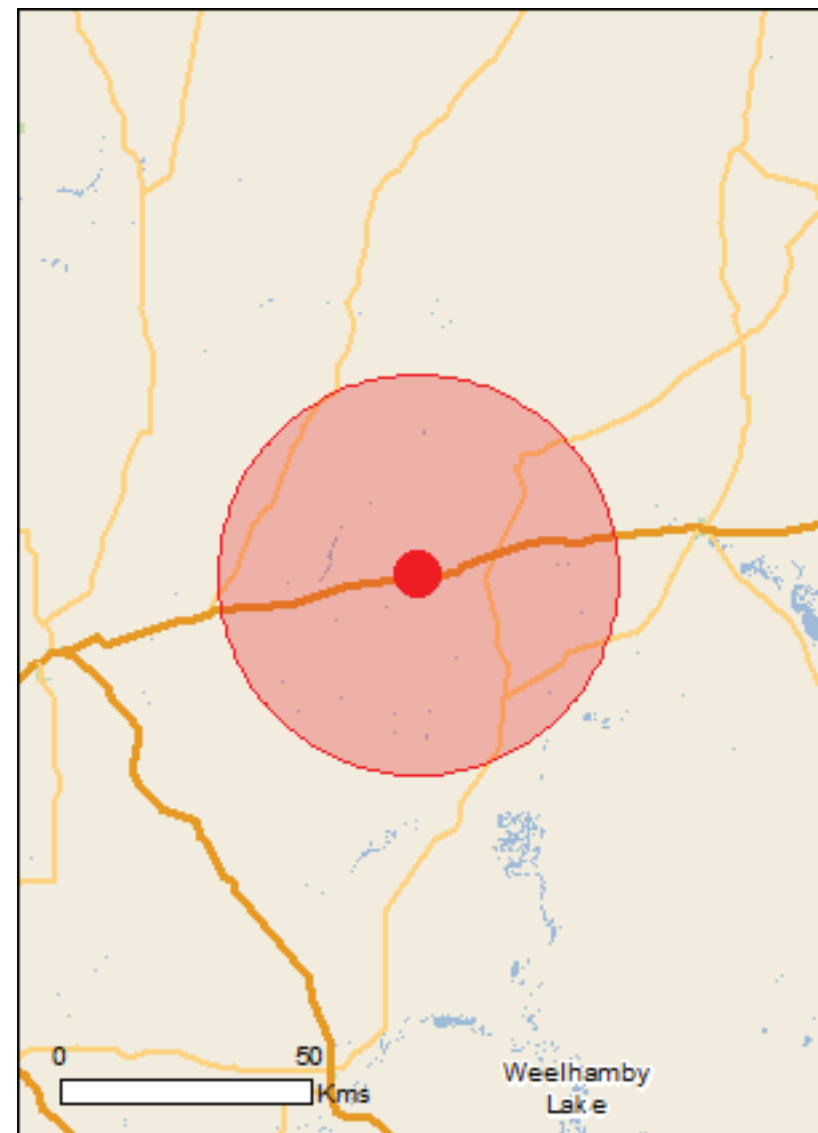
[Matters of NES](#)

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

[Extra Information](#)

[Caveat](#)

[Acknowledgements](#)



This map may contain data which are
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[Coordinates](#)

Buffer: 40.0Km



Summary

Matters of National Environmental Significance

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

World Heritage Properties:	None
National Heritage Places:	None
Wetlands of International Importance:	None
Great Barrier Reef Marine Park:	None
Commonwealth Marine Area:	None
Listed Threatened Ecological Communities:	1
Listed Threatened Species:	15
Listed Migratory Species:	7

Other Matters Protected by the EPBC Act

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

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

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

Commonwealth Land:	None
Commonwealth Heritage Places:	None
Listed Marine Species:	12
Whales and Other Cetaceans:	None
Critical Habitats:	None
Commonwealth Reserves Terrestrial:	None
Australian Marine Parks:	None

Extra Information

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

State and Territory Reserves:	4
Regional Forest Agreements:	None
Invasive Species:	14
Nationally Important Wetlands:	None
Key Ecological Features (Marine)	None

Details

Matters of National Environmental Significance

Listed Threatened Ecological Communities [\[Resource Information \]](#)

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

Name	Status	Type of Presence
Eucalypt Woodlands of the Western Australian Wheatbelt	Critically Endangered	Community likely to occur within area

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

Name	Status	Type of Presence
------	--------	------------------

Birds

Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area
Leipoa ocellata Malleefowl [934]	Vulnerable	Species or species habitat known to occur within area
Pezoporus occidentalis Night Parrot [59350]	Endangered	Species or species habitat may occur within area

Mammals

Dasyurus geoffroii Chuditch, Western Quoll [330]	Vulnerable	Species or species habitat may occur within area
---	------------	--

Other

Idiosoma nigrum Shield-backed Trapdoor Spider, Black Rugose Trapdoor Spider [66798]	Vulnerable	Species or species habitat likely to occur within area
--	------------	--

Plants

Acacia cochlocarpa subsp. cochlocarpa Spiral-fruited Wattle [23877]	Endangered	Species or species habitat may occur within area
Dasymalla axillaris Native Foxglove [38829]	Critically Endangered	Species or species habitat may occur within area
Eleocharis papillosa Dwarf Desert Spike-rush [2519]	Vulnerable	Species or species habitat known to occur within area
Eremophila nivea Silky Eremophila [14431]	Endangered	Species or species habitat likely to occur within area
Eremophila viscida Varnish Bush [2394]	Endangered	Species or species habitat known to occur

Name	Status	Type of Presence within area
Eucalyptus beardiana Beard's Mallee [18933]	Vulnerable	Species or species habitat may occur within area
Eucalyptus synandra Jingymia Mallee [3753]	Vulnerable	Species or species habitat likely to occur within area
Gyrostemon reticulatus Net-veined Gyrostemon [8491]	Critically Endangered	Species or species habitat likely to occur within area
Roycea pycnophylloides Saltmat [21161]	Endangered	Species or species habitat likely to occur within area

Reptiles

Egernia stokesii badia Western Spiny-tailed Skink, Baudin Island Spiny-tailed Skink [64483]	Endangered	Species or species habitat likely to occur within area
--	------------	--

Listed Migratory Species

[[Resource Information](#)]

* Species is listed under a different scientific name on the EPBC Act - Threatened Species list.

Name	Threatened	Type of Presence
Migratory Marine Birds		
Apus pacificus Fork-tailed Swift [678]		Species or species habitat likely to occur within area

Migratory Terrestrial Species

Motacilla cinerea Grey Wagtail [642]		Species or species habitat may occur within area
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Migratory Wetlands Species

Actitis hypoleucos Common Sandpiper [59309]		Species or species habitat may occur within area
Calidris acuminata Sharp-tailed Sandpiper [874]		Species or species habitat may occur within area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area
Calidris melanotos Pectoral Sandpiper [858]		Species or species habitat may occur within area
Tringa nebularia Common Greenshank, Greenshank [832]		Species or species habitat may occur within area

Other Matters Protected by the EPBC Act

Listed Marine Species		[Resource Information]
* Species is listed under a different scientific name on the EPBC Act - Threatened Species list.		
Name	Threatened	Type of Presence
Birds		
Actitis hypoleucos Common Sandpiper [59309]		Species or species habitat may occur within area
Apus pacificus Fork-tailed Swift [678]		Species or species habitat likely to occur within area
Ardea alba Great Egret, White Egret [59541]		Species or species habitat likely to occur within area
Ardea ibis Cattle Egret [59542]		Species or species habitat may occur within area
Calidris acuminata Sharp-tailed Sandpiper [874]		Species or species habitat may occur within area
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Chrysococcyx osculans Black-eared Cuckoo [705]		Species or species habitat known to occur within area
Merops ornatus Rainbow Bee-eater [670]		Species or species habitat may occur within area
Motacilla cinerea Grey Wagtail [642]		Species or species habitat may occur within area
Thinornis rubricollis Hooded Plover [59510]		Species or species habitat may occur within area
Tringa nebularia Common Greenshank, Greenshank [832]		Species or species habitat may occur within area

Extra Information

State and Territory Reserves	[Resource Information]
Name	State
Barnong Pastoral Lease	WA
Barnong Pastoral Lease - Western Part	WA
Barrabarra	WA
Narloo, part Yuin & part Twin Peaks Pastoral Leases	WA

Invasive Species [[Resource Information](#)]

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

Name	Status	Type of Presence
Birds		
Columba livia Rock Pigeon, Rock Dove, Domestic Pigeon [803]		Species or species habitat likely to occur within area
Streptopelia senegalensis Laughing Turtle-dove, Laughing Dove [781]		Species or species habitat likely to occur within area
Mammals		
Canis lupus familiaris Domestic Dog [82654]		Species or species habitat likely to occur within area
Capra hircus Goat [2]		Species or species habitat likely to occur within area
Felis catus Cat, House Cat, Domestic Cat [19]		Species or species habitat likely to occur within area
Feral deer Feral deer species in Australia [85733]		Species or species habitat likely to occur within area
Mus musculus House Mouse [120]		Species or species habitat likely to occur within area
Oryctolagus cuniculus Rabbit, European Rabbit [128]		Species or species habitat likely to occur within area
Sus scrofa Pig [6]		Species or species habitat likely to occur within area
Vulpes vulpes Red Fox, Fox [18]		Species or species habitat likely to occur within area
Plants		
Carrichtera annua Ward's Weed [9511]		Species or species habitat may occur within area
Cenchrus ciliaris Buffel-grass, Black Buffel-grass [20213]		Species or species habitat may occur within area
Chrysanthemoides monilifera Bitou Bush, Boneseed [18983]		Species or species habitat may occur within

Name	Status	Type of Presence
Tamarix aphylla Athel Pine, Athel Tree, Tamarisk, Athel Tamarisk, Athel Tamarix, Desert Tamarisk, Flowering Cypress, Salt Cedar [16018]		area Species or species habitat likely to occur within area

Caveat

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

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

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

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Where very little information is available for species or large number of maps are required in a short time-frame, maps are derived either from 0.04 or 0.02 decimal degree cells; by an automated process using polygon capture techniques (static two kilometre grid cells, alpha-hull and convex hull); or captured manually or by using topographic features (national park boundaries, islands, etc). In the early stages of the distribution mapping process (1999-early 2000s) distributions were defined by degree blocks, 100K or 250K map sheets to rapidly create distribution maps. More reliable distribution mapping methods are used to update these distributions as time permits.

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

- migratory and
- marine

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

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

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

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

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

Coordinates

-28.41822 116.16632

Acknowledgements

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

- [-Office of Environment and Heritage, New South Wales](#)
- [-Department of Environment and Primary Industries, Victoria](#)
- [-Department of Primary Industries, Parks, Water and Environment, Tasmania](#)
- [-Department of Environment, Water and Natural Resources, South Australia](#)
- [-Department of Land and Resource Management, Northern Territory](#)
- [-Department of Environmental and Heritage Protection, Queensland](#)
- [-Department of Parks and Wildlife, Western Australia](#)
- [-Environment and Planning Directorate, ACT](#)
- [-Birdlife Australia](#)
- [-Australian Bird and Bat Banding Scheme](#)
- [-Australian National Wildlife Collection](#)
- [-Natural history museums of Australia](#)
- [-Museum Victoria](#)
- [-Australian Museum](#)
- [-South Australian Museum](#)
- [-Queensland Museum](#)
- [-Online Zoological Collections of Australian Museums](#)
- [-Queensland Herbarium](#)
- [-National Herbarium of NSW](#)
- [-Royal Botanic Gardens and National Herbarium of Victoria](#)
- [-Tasmanian Herbarium](#)
- [-State Herbarium of South Australia](#)
- [-Northern Territory Herbarium](#)
- [-Western Australian Herbarium](#)
- [-Australian National Herbarium, Canberra](#)
- [-University of New England](#)
- [-Ocean Biogeographic Information System](#)
- [-Australian Government, Department of Defence Forestry Corporation, NSW](#)
- [-Geoscience Australia](#)
- [-CSIRO](#)
- [-Australian Tropical Herbarium, Cairns](#)
- [-eBird Australia](#)
- [-Australian Government – Australian Antarctic Data Centre](#)
- [-Museum and Art Gallery of the Northern Territory](#)
- [-Australian Government National Environmental Science Program](#)
- [-Australian Institute of Marine Science](#)
- [-Reef Life Survey Australia](#)
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Report created: 21/01/19 15:24:32

[Summary](#)

[Details](#)

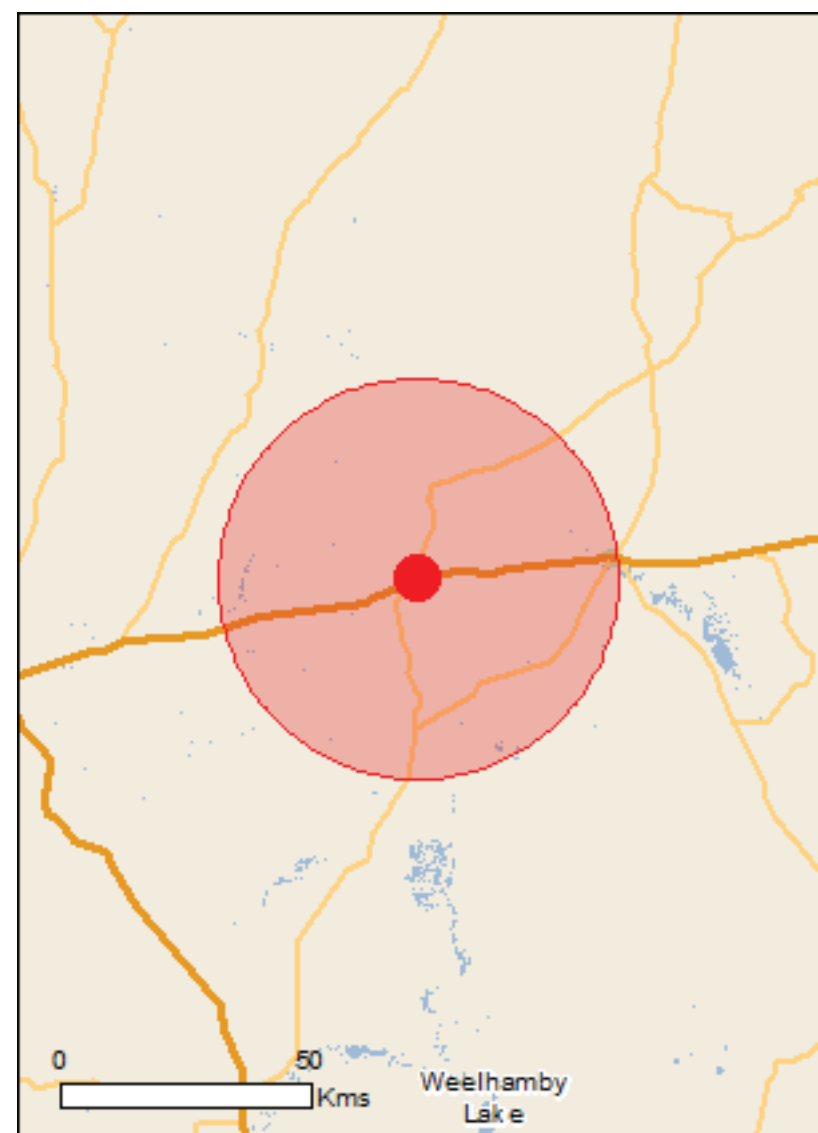
[Matters of NES](#)

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

[Extra Information](#)

[Caveat](#)

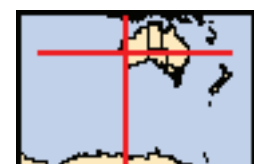
[Acknowledgements](#)



This map may contain data which are
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[Coordinates](#)

Buffer: 40.0Km



Summary

Matters of National Environmental Significance

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World Heritage Properties:	None
National Heritage Places:	None
Wetlands of International Importance:	None
Great Barrier Reef Marine Park:	None
Commonwealth Marine Area:	None
Listed Threatened Ecological Communities:	1
Listed Threatened Species:	14
Listed Migratory Species:	7

Other Matters Protected by the EPBC Act

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

Commonwealth Land:	1
Commonwealth Heritage Places:	None
Listed Marine Species:	12
Whales and Other Cetaceans:	None
Critical Habitats:	None
Commonwealth Reserves Terrestrial:	None
Australian Marine Parks:	None

Extra Information

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

State and Territory Reserves:	3
Regional Forest Agreements:	None
Invasive Species:	14
Nationally Important Wetlands:	None
Key Ecological Features (Marine)	None

Details

Matters of National Environmental Significance

Listed Threatened Ecological Communities [\[Resource Information \]](#)

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

Name	Status	Type of Presence
Eucalypt Woodlands of the Western Australian Wheatbelt	Critically Endangered	Community likely to occur within area

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

Name	Status	Type of Presence
------	--------	------------------

Birds

Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area
Leipoa ocellata Malleefowl [934]	Vulnerable	Species or species habitat known to occur within area
Pezoporus occidentalis Night Parrot [59350]	Endangered	Species or species habitat may occur within area

Mammals

Dasyurus geoffroii Chuditch, Western Quoll [330]	Vulnerable	Species or species habitat may occur within area
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Other

Idiosoma nigrum Shield-backed Trapdoor Spider, Black Rugose Trapdoor Spider [66798]	Vulnerable	Species or species habitat likely to occur within area
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Plants

Dasymalla axillaris Native Foxglove [38829]	Critically Endangered	Species or species habitat may occur within area
Eleocharis papillosa Dwarf Desert Spike-rush [2519]	Vulnerable	Species or species habitat may occur within area
Eremophila nivea Silky Eremophila [14431]	Endangered	Species or species habitat likely to occur within area
Eremophila viscida Varnish Bush [2394]	Endangered	Species or species habitat known to occur within area
Eucalyptus beardiana Beard's Mallee [18933]	Vulnerable	Species or species habitat may occur within

Name	Status	Type of Presence area
Eucalyptus synandra Jingymia Mallee [3753]	Vulnerable	Species or species habitat likely to occur within area
Gyrostemon reticulatus Net-veined Gyrostemon [8491]	Critically Endangered	Species or species habitat likely to occur within area
Roycea pycnophylloides Saltmat [21161]	Endangered	Species or species habitat likely to occur within area

Reptiles

Egernia stokesii badia Western Spiny-tailed Skink, Baudin Island Spiny-tailed Skink [64483]	Endangered	Species or species habitat known to occur within area
--	------------	---

Listed Migratory Species

[[Resource Information](#)]

* Species is listed under a different scientific name on the EPBC Act - Threatened Species list.

Name	Threatened	Type of Presence
Migratory Marine Birds		
Apus pacificus Fork-tailed Swift [678]		Species or species habitat likely to occur within area

Migratory Terrestrial Species

Motacilla cinerea Grey Wagtail [642]		Species or species habitat may occur within area
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Migratory Wetlands Species

Actitis hypoleucos Common Sandpiper [59309]		Species or species habitat likely to occur within area
Calidris acuminata Sharp-tailed Sandpiper [874]		Species or species habitat may occur within area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area
Calidris melanotos Pectoral Sandpiper [858]		Species or species habitat may occur within area
Tringa nebularia Common Greenshank, Greenshank [832]		Species or species habitat may occur within area

Other Matters Protected by the EPBC Act

Commonwealth Land

[[Resource Information](#)]

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

Name

Commonwealth Land -

Listed Marine Species

[[Resource Information](#)]

* Species is listed under a different scientific name on the EPBC Act - Threatened Species list.

Name	Threatened	Type of Presence
Birds		

Name	Threatened	Type of Presence
Actitis hypoleucos Common Sandpiper [59309]		Species or species habitat likely to occur within area
Apus pacificus Fork-tailed Swift [678]		Species or species habitat likely to occur within area
Ardea alba Great Egret, White Egret [59541]		Species or species habitat likely to occur within area
Ardea ibis Cattle Egret [59542]		Species or species habitat may occur within area
Calidris acuminata Sharp-tailed Sandpiper [874]		Species or species habitat may occur within area
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Chrysococcyx osculans Black-eared Cuckoo [705]		Species or species habitat known to occur within area
Merops ornatus Rainbow Bee-eater [670]		Species or species habitat may occur within area
Motacilla cinerea Grey Wagtail [642]		Species or species habitat may occur within area
Thinornis rubricollis Hooded Plover [59510]		Species or species habitat may occur within area
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Extra Information

State and Territory Reserves	[Resource Information]
Name	State
Barnong Pastoral Lease	WA
Barnong Pastoral Lease - Western Part	WA
Narloo, part Yuin & part Twin Peaks Pastoral Leases	WA

Invasive Species

[[Resource Information](#)]

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

Name	Status	Type of Presence
Birds		
<i>Columba livia</i> Rock Pigeon, Rock Dove, Domestic Pigeon [803]		Species or species habitat likely to occur within area
<i>Streptopelia senegalensis</i> Laughing Turtle-dove, Laughing Dove [781]		Species or species habitat likely to occur within area
Mammals		
<i>Canis lupus familiaris</i> Domestic Dog [82654]		Species or species habitat likely to occur within area
<i>Capra hircus</i> Goat [2]		Species or species habitat likely to occur within area
<i>Felis catus</i> Cat, House Cat, Domestic Cat [19]		Species or species habitat likely to occur within area
Feral deer Feral deer species in Australia [85733]		Species or species habitat likely to occur within area
<i>Mus musculus</i> House Mouse [120]		Species or species habitat likely to occur within area
<i>Oryctolagus cuniculus</i> Rabbit, European Rabbit [128]		Species or species habitat likely to occur within area
<i>Sus scrofa</i> Pig [6]		Species or species habitat likely to occur within area
<i>Vulpes vulpes</i> Red Fox, Fox [18]		Species or species habitat likely to occur within area
Plants		
<i>Carrichtera annua</i> Ward's Weed [9511]		Species or species habitat may occur within area
<i>Cenchrus ciliaris</i> Buffel-grass, Black Buffel-grass [20213]		Species or species habitat likely to occur within area
<i>Chrysanthemoides monilifera</i> Bitou Bush, Boneseed [18983]		Species or species habitat may occur within area
<i>Tamarix aphylla</i> Athel Pine, Athel Tree, Tamarisk, Athel Tamarisk, Athel Tamarix, Desert Tamarisk, Flowering Cypress, Salt Cedar [16018]		Species or species habitat likely to occur within area

Caveat

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

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- migratory and
- marine

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

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

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

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

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

Coordinates

-28.37714 116.32562

Acknowledgements

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

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

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

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

Yogi Pipeline_Flora

Created By Guest user on 21/01/2019

Kingdom Plantae
Current Names Only Yes
Core Datasets Only Yes
Method 'By Circle'
Centre 116° 32' 37" E, 28° 23' 13" S
Buffer 40km
Group By Family

Family	Species	Records
Aizoaceae	6	44
Amaranthaceae	13	161
Apiaceae	1	4
Apocynaceae	6	25
Araliaceae	5	60
Asparagaceae	6	45
Asteraceae	70	488
Boraginaceae	3	9
Boryaceae	1	1
Brassicaceae	6	25
Campanulaceae	4	6
Caryophyllaceae	4	5
Casuarinaceae	4	7
Celastraceae	3	4
Chenopodiaceae	42	479
Colchicaceae	2	21
Convolvulaceae	4	16
Crassulaceae	3	39
Cupressaceae	2	6
Cyperaceae	3	4
Dilleniaceae	2	3
Elatinaceae	1	2
Ericaceae	1	2
Euphorbiaceae	6	43
Fabaceae	76	571
Geraniaceae	3	37
Goodeniaceae	20	137
Gyrostemonaceae	2	2
Haloragaceae	7	9
Hemerocallidaceae	2	6
Hypoxidaceae	2	2
Juncaginaceae	2	2
Lamiaceae	19	56
Loranthaceae	5	14
Malvaceae	14	202
Marsileaceae	3	3
Montiaceae	10	60
Myrtaceae	35	125
Ophioglossaceae	1	1
Orchidaceae	3	3
Phyllanthaceae	1	6
Pittosporaceae	3	7
Plantaginaceae	5	19
Poaceae	42	401
Polygalaceae	2	17
Polygonaceae	3	3
Portulacaceae	1	5
Proteaceae	21	111
Pteridaceae	4	68
Rhamnaceae	1	4
Rubiaceae	3	6
Rutaceae	2	41
Santalaceae	2	18
Sapindaceae	9	46
Scrophulariaceae	30	236
Solanaceae	13	109
Stylidiaceae	2	11
Thymelaeaceae	3	21
Urticaceae	1	7
Zygophyllaceae	2	4
TOTAL	552	3869

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
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Aizoaceae

1.	20522	<i>Cleretum papulosum subsp. papulosum</i>	Y	
2.	2803	<i>Gunniopsis divisa</i>		P3

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
3.	2807 <i>Gunniopsis quadrifida</i> (Sturts Pigface)			
4.	2814 <i>Mesembryanthemum nodiflorum</i> (Slender Iceplant)	Y		
5.	2819 <i>Tetragonia cristata</i>			
6.	2821 <i>Tetragonia diptera</i>			
Amaranthaceae				
7.	2690 <i>Ptilotus aervoides</i>			
8.	2717 <i>Ptilotus divaricatus</i> (Climbing Mulla Mulla)			
9.	2718 <i>Ptilotus drummondii</i> (Narrowleaf Mulla Mulla)			
10.	11260 <i>Ptilotus drummondii</i> var. <i>drummondii</i> (Pussytail)			
11.	11797 <i>Ptilotus drummondii</i> var. <i>minor</i>			
12.	48602 <i>Ptilotus eremita</i>			
13.	2721 <i>Ptilotus exaltatus</i> (Tall Mulla Mulla)			
14.	2727 <i>Ptilotus gaudichaudii</i>			
15.	2731 <i>Ptilotus helipteroides</i> (Hairy Mulla Mulla)			
16.	2741 <i>Ptilotus macrocephalus</i> (Featherheads)			
17.	2747 <i>Ptilotus obovatus</i> (Cotton Bush)			
18.	2751 <i>Ptilotus polystachyus</i> (Prince of Wales Feather)			
19.	2757 <i>Ptilotus schwartzii</i>			
Apiaceae				
20.	6218 <i>Daucus glochidiatus</i> (Australian Carrot)			
Apocynaceae				
21.	6565 <i>Alyxia buxifolia</i> (Dysentery Bush)			
22.	6584 <i>Cynanchum floribundum</i> (Dumara Bush, Tjipa)			
23.	48280 <i>Cynanchum viminale</i> subsp. <i>australe</i>			
24.	12949 <i>Marsdenia australis</i>			
25.	16538 <i>Marsdenia graniticola</i>			
26.	48986 <i>Vincetoxicum lineare</i>			
Araliaceae				
27.	11546 <i>Hydrocotyle pilifera</i> var. <i>glabrata</i>			
28.	19253 <i>Trachymene ceratocarpa</i>			
29.	6268 <i>Trachymene cyanopetala</i>			
30.	6279 <i>Trachymene ornata</i> (Spongefruit)			
31.	6280 <i>Trachymene pilosa</i> (Native Parsnip)			
Asparagaceae				
32.	1265 <i>Arthropodium curvipes</i>			
33.	1266 <i>Arthropodium dyeri</i>			
34.	1338 <i>Thysanotus manglesianus</i> (Fringed Lily)			
35.	1346 <i>Thysanotus pyramidalis</i>			
36.	1348 <i>Thysanotus rectantherus</i>			
37.	1352 <i>Thysanotus speckii</i>			
Asteraceae				
38.	7817 <i>Actinobole uliginosum</i> (Flannel Cudweed)			
39.	7846 <i>Asteridea athrixoides</i>			
40.	7852 <i>Bellida graminea</i> (Rosy Bellida)			
41.	7856 <i>Blennospora drummondii</i>			
42.	7871 <i>Brachyscome ciliaris</i>			
43.	7880 <i>Brachyscome lineariloba</i>			
44.	7882 <i>Brachyscome perpusilla</i>			
45.	7895 <i>Calocephalus multiflorus</i> (Yellow-top)			
46.	7903 <i>Calotis hispidula</i> (Bindy Eye)			
47.	7905 <i>Calotis multicaulis</i> (Many-stemmed Burr-daisy)			
48.	31671 <i>Calotis</i> sp. Perrinvale Station (R.J. Cranfield 7096)		P3	
49.	7916 <i>Centaurea melitensis</i> (Maltese Cockspur, Malta Thistle)	Y		
50.	7922 <i>Cephalopterum drummondii</i> (Pompom Head)			
51.	12616 <i>Chthonocephalus muellerianus</i>		P2	
52.	7933 <i>Chthonocephalus pseudevax</i> (Woolly Groundheads)			
53.	7946 <i>Cotula cotuloides</i> (Smooth Cotula)			
54.	7951 <i>Cratystylis subspinescens</i> (Australian Sage, Spiny Grey Bush)			
55.	12721 <i>Dielitzia tysonii</i>			
56.	12720 <i>Erymophyllum glossanthus</i>			
57.	12622 <i>Feldstonia nitens</i>			
58.	12780 <i>Gilberta tenuifolia</i>			
59.	11008 <i>Gilruthia osbornii</i>			
60.	7988 <i>Gnephosis arachnoidea</i> (Cobwebby-headed Gnephosis)			
61.	7989 <i>Gnephosis brevifolia</i> (Short-leaved Gnephosis)			
62.	8045 <i>Helipterum craspedioides</i> (Yellow Billy Buttons)			
63.	15448 <i>Hyalosperma glutinosum</i> subsp. <i>venustum</i>			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
64.	8086 <i>Hypochoeris glabra</i> (Smooth Catsear)	Y		
65.	8087 <i>Isoetopsis graminifolia</i> (Cushion Grass)			
66.	13289 <i>Lawrencella davenportii</i>			
67.	13284 <i>Lawrencella rosea</i>			
68.	12628 <i>Lemooria burkittii</i>			
69.	8105 <i>Millotia myosotidifolia</i>			
70.	12631 <i>Millotia perpusilla</i>			
71.	8107 <i>Minuria cunninghamii</i> (Bush Minuria)			
72.	8116 <i>Myriocephalus guerinae</i>			
73.	17925 <i>Myriocephalus oldfieldii</i>			
74.	14186 <i>Myriocephalus pygmaeus</i>			
75.	8121 <i>Myriocephalus rudallii</i>			
76.	12734 <i>Olearia humilis</i>			
77.	8151 <i>Olearia stuartii</i>			
78.	45238 <i>Podolepis aristata</i> subsp. <i>affinis</i>			
79.	45240 <i>Podolepis aristata</i> subsp. <i>auriculata</i>			
80.	8173 <i>Podolepis capillaris</i> (Wiry Podolepis)			
81.	8176 <i>Podolepis kendallii</i>			
82.	8177 <i>Podolepis lessonii</i>			
83.	8184 <i>Podotheca gnaphalioides</i> (Golden Long-heads)			
84.	<i>Podotheca</i> sp.			
85.	8188 <i>Pogonolepis stricta</i>			
86.	13306 <i>Rhodanthe battii</i>			
87.	13242 <i>Rhodanthe chlorocephala</i> subsp. <i>splendida</i>			
88.	13300 <i>Rhodanthe citrina</i>			
89.	13243 <i>Rhodanthe collina</i>		P3	
90.	13246 <i>Rhodanthe humboldtiana</i>			
91.	13294 <i>Rhodanthe laevis</i>			
92.	13238 <i>Rhodanthe maryonii</i>			
93.	13251 <i>Rhodanthe propinqua</i>			
94.	13254 <i>Rhodanthe stricta</i>			
95.	45154 <i>Roebuckiella cheilocarpa</i> var. <i>cheilocarpa</i>			
96.	45156 <i>Roebuckiella cheilocarpa</i> var. <i>glabrata</i>			
97.	45148 <i>Roebuckiella ciliocarpa</i>			
98.	8200 <i>Schoenia cassiniana</i> (Schoenia)			
99.	13287 <i>Schoenia filifolia</i> subsp. <i>filifolia</i>			
100.	8207 <i>Senecio glossanthus</i> (Slender Groundsel)			
101.	12647 <i>Sondottia connata</i>			
102.	8236 <i>Streptoglossa cylindriceps</i>			
103.	48226 <i>Trichanthodium exilis</i>			
104.	8253 <i>Triptilodiscus pygmaeus</i>			
105.	8268 <i>Vittadinia humerata</i>			
106.	8275 <i>Waitzia acuminata</i> (Orange Immortelle)			
107.	13331 <i>Waitzia acuminata</i> var. <i>acuminata</i>			
Boraginaceae				
108.	6707 <i>Heliotropium curassavicum</i> (Smooth Heliotrope)			
109.	6723 <i>Omphalolappula concava</i> (Burr Stickseed)			
110.	6727 <i>Trichodesma zeylanicum</i> (Camel Bush, Kumbalin)			
Boryaceae				
111.	1273 <i>Borya sphaerocephala</i> (Pincushions)			
Brassicaceae				
112.	3033 <i>Lepidium oxytrichum</i>			
113.	3044 <i>Lepidium rotundum</i> (Veined Peppergrass)			
114.	3050 <i>Menkea australis</i> (Fairy Spectacles)			
115.	3072 <i>Sisymbrium orientale</i> (Indian Hedge Mustard)	Y		
116.	3074 <i>Stenopetalum anfractum</i>			
117.	3076 <i>Stenopetalum filifolium</i>			
Campanulaceae				
118.	7397 <i>Isotoma petraea</i> (Rock Isotome, Tundiwari)			
119.	7403 <i>Lobelia heterophylla</i> (Wing-seeded Lobelia)			
120.	7409 <i>Lobelia winfridae</i> (Little Lobelia)			
121.	<i>Wahlenbergia</i> sp.			
Caryophyllaceae				
122.	2905 <i>Polycarpon tetraphyllum</i> (Fourleaf Allseed)	Y		
123.	2907 <i>Sagina procumbens</i> (Spreading Pearlwort)	Y		
124.	2913 <i>Spergula pentandra</i> (Five Anther Spurry)	Y		
125.	31080 <i>Spergularia bocconeii</i>	Y		

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
Casuarinaceae				
126.	1720 <i>Allocasuarina acutivalvis</i>			
127.	13904 <i>Allocasuarina acutivalvis</i> subsp. <i>acutivalvis</i>			
128.	13905 <i>Allocasuarina acutivalvis</i> subsp. <i>prinsepiana</i>			
129.	1742 <i>Casuarina obesa</i> (Swamp Sheoak, Kuli)			
Celastraceae				
130.	19913 <i>Psammomoya implexa</i>		P3	
131.	4734 <i>Stackhousia muricata</i>			
132.	19555 <i>Stackhousia muricata</i> subsp. <i>annual</i> (W.R. Barker 2172)			
Chenopodiaceae				
133.	2450 <i>Atriplex amnicola</i> (Swamp Saltbush)			
134.	2451 <i>Atriplex bunburyana</i> (Silver Saltbush)			
135.	2453 <i>Atriplex codonocarpa</i> (Flat-topped Saltbush)			
136.	2476 <i>Atriplex semilunaris</i> (Annual Saltbush)			
137.	2481 <i>Atriplex vesicaria</i> (Bladder Saltbush)			
138.	2489 <i>Chenopodium gaudichaudianum</i> (Cottony Saltbush)			
139.	2500 <i>Dysphania glandulosa</i>			
140.	11632 <i>Dysphania glomulifera</i> subsp. <i>eremaea</i>			
141.	33597 <i>Dysphania melanocarpa</i> forma <i>melanocarpa</i> (Black Goosefoot)			
142.	11653 <i>Dysphania rhadinostachya</i> subsp. <i>inflata</i>			
143.	33483 <i>Dysphania saxatilis</i>			
144.	2510 <i>Enchylaena lanata</i>			
145.	2511 <i>Enchylaena tomentosa</i> (Barrier Saltbush)			
146.	12064 <i>Enchylaena tomentosa</i> var. <i>tomentosa</i> (Barrier Saltbush)			
147.	2514 <i>Eriochiton sclerolaenoides</i> (Woolly Bindii)			
148.	2535 <i>Maireana appressa</i>			
149.	2538 <i>Maireana carnososa</i> (Cottony Bluebush)			
150.	2539 <i>Maireana convexa</i> (Mulga Bluebush)			
151.	2543 <i>Maireana eriosphaera</i>			
152.	2544 <i>Maireana georgei</i> (Satiny Bluebush)			
153.	2556 <i>Maireana planifolia</i> (Low Bluebush)			
154.	2560 <i>Maireana pyramidata</i> (Sago Bush)			
155.	2565 <i>Maireana suaedifolia</i>			
156.	2566 <i>Maireana thesioides</i> (Lax Bluebush)			
157.	2567 <i>Maireana tomentosa</i> (Felted Bluebush)			
158.	11662 <i>Maireana tomentosa</i> subsp. <i>tomentosa</i>			
159.	2568 <i>Maireana trichoptera</i> (Downy Bluebush)			
160.	2569 <i>Maireana triptera</i> (Threewinged Bluebush)			
161.	2571 <i>Maireana villosa</i>			
162.	2581 <i>Rhagodia drummondii</i>			
163.	2582 <i>Rhagodia eremaea</i> (Thorny Saltbush)			
164.	30434 <i>Salsola australis</i>			
165.	2607 <i>Sclerolaena densiflora</i>			
166.	2609 <i>Sclerolaena diacantha</i> (Grey Copperburr)			
167.	2611 <i>Sclerolaena eriacantha</i> (Tall Bindii)			
168.	2612 <i>Sclerolaena eurotioides</i> (Fluffy Bindii)			
169.	8877 <i>Sclerolaena gardneri</i>			
170.	2622 <i>Sclerolaena microcarpa</i>			
171.	2627 <i>Sclerolaena patenticuspis</i> (Spear-fruit Saltbush)			
172.	33236 <i>Tecticornia halocnemoides</i> (Shrubby Samphire)			
173.	31674 <i>Tecticornia peltata</i>			
174.	31717 <i>Tecticornia undulata</i>			
Colchicaceae				
175.	1397 <i>Wurmbea inframediana</i>			
176.	31272 <i>Wurmbea</i> sp. <i>Paynes Find</i> (C.J. French 1237)			
Convolvulaceae				
177.	6612 <i>Convolvulus clementii</i>			
178.	6663 <i>Cuscuta epithymum</i> (Lesser Dodder, Greater Dodder)	Y		
179.	31274 <i>Duperreya commixta</i>			
180.	31334 <i>Duperreya sericea</i>			
Crassulaceae				
181.	3137 <i>Crassula colorata</i> (Dense Stonecrop)			
182.	11709 <i>Crassula colorata</i> var. <i>acuminata</i>			
183.	11563 <i>Crassula colorata</i> var. <i>colorata</i>			
Cupressaceae				
184.	92 <i>Callitris canescens</i>			
185.	8466 <i>Callitris columellaris</i> (White Cypress Pine)			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
Cyperaceae				
186.	911 <i>Isolepis congrua</i>			
187.	994 <i>Schoenus humilis</i>			
188.	17409 <i>Schoenus varicellae</i>			
Dilleniaceae				
189.	19779 <i>Hibbertia glomerosa</i> var. <i>glomerosa</i>			
190.	19683 <i>Hibbertia stenophylla</i>			
Elatinaceae				
191.	11726 <i>Bergia perennis</i> subsp. <i>exigua</i>			
Ericaceae				
192.	6336 <i>Astroloma serratifolium</i> (<i>Kondrung</i>)			
Euphorbiaceae				
193.	4620 <i>Euphorbia boophthona</i> (<i>Gascoyne Spurge</i>)			
194.	4626 <i>Euphorbia drummondii</i> (<i>Caustic Weed, Piwi</i>)			
195.	42869 <i>Euphorbia porcata</i>			
196.	12097 <i>Euphorbia tannensis</i> subsp. <i>eremophila</i> (<i>Desert Spurge</i>)			
197.	19584 <i>Monotaxis bracteata</i>			
198.	4704 <i>Ricinocarpos velutinus</i>			
Fabaceae				
199.	3199 <i>Acacia acuarria</i>			
200.	3200 <i>Acacia acuminata</i> (<i>Jam, Mangard</i>)			
201.	3216 <i>Acacia andrewsii</i>			
202.	3217 <i>Acacia aneura</i> (<i>Mulga, Wanari</i>)			
203.	37260 <i>Acacia aptaneura</i>			
204.	15467 <i>Acacia assimilis</i> subsp. <i>assimilis</i>			
205.	16112 <i>Acacia aulacophylla</i>			
206.	3248 <i>Acacia burkittii</i> (<i>Sandhill Wattle</i>)			
207.	36417 <i>Acacia caesaneura</i>			
208.	3264 <i>Acacia colletioides</i> (<i>Wait-a-while</i>)			
209.	3273 <i>Acacia craspedocarpa</i> (<i>Hop Mulga</i>)			
210.	44536 <i>Acacia doreta</i>			
211.	32118 <i>Acacia effusifolia</i>			
212.	3321 <i>Acacia eremaea</i>			
213.	3330 <i>Acacia exocarpoides</i>			
214.	36781 <i>Acacia fuscaneura</i>			
215.	3355 <i>Acacia grasbyi</i> (<i>Miniritchie</i>)			
216.	32117 <i>Acacia incognita</i>			
217.	36418 <i>Acacia incurvaneura</i>			
218.	3392 <i>Acacia jamesiana</i>			
219.	32116 <i>Acacia latior</i>			
220.	3419 <i>Acacia ligulata</i> (<i>Umbrella Bush, Watarka</i>)			
221.	3426 <i>Acacia longispinea</i>			
222.	13503 <i>Acacia masliniana</i>			
223.	36416 <i>Acacia mulganeura</i>			
224.	3451 <i>Acacia multispicata</i>			
225.	3452 <i>Acacia murrayana</i> (<i>Sandplain Wattle</i>)			
226.	3473 <i>Acacia oswaldii</i> (<i>Miljee, Nelia</i>)			
227.	36800 <i>Acacia pteraneura</i>			
228.	3510 <i>Acacia ramulosa</i> (<i>Horse Mulga</i>)			
229.	19483 <i>Acacia ramulosa</i> var. <i>linophylla</i>			
230.	19499 <i>Acacia ramulosa</i> var. <i>ramulosa</i>			
231.	3515 <i>Acacia restiacea</i>			
232.	13078 <i>Acacia sclerosperma</i> subsp. <i>sclerosperma</i>			
233.	3545 <i>Acacia sibina</i>			
234.	<i>Acacia</i> sp.			
235.	29118 <i>Acacia</i> sp. <i>small seed</i> (<i>B.R. Maslin 7830</i>)			
236.	14615 <i>Acacia speckii</i>		P4	
237.	15294 <i>Acacia stereophylla</i> var. <i>stereophylla</i>			
238.	14147 <i>Acacia subsessilis</i>		P3	
239.	3573 <i>Acacia tenuissima</i>			
240.	3577 <i>Acacia tetragonophylla</i> (<i>Kurara, Wakalpuka</i>)			
241.	3586 <i>Acacia tysonii</i>			
242.	3587 <i>Acacia ulicina</i>			
243.	31071 <i>Acacia umbraculiformis</i>			
244.	3595 <i>Acacia victoriae</i> (<i>Bramble Wattle, Ngatunpa</i>)			
245.	31511 <i>Acacia victoriae</i> subsp. <i>victoriae</i>			
246.	17117 <i>Cullen cinereum</i>			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
247.	20711 <i>Eutaxia leptophylla</i>			
248.	3938 <i>Glycine canescens</i> (Silky Glycine)			
249.	19546 <i>Indigofera kingiana</i>			
250.	14780 <i>Jacksonia arenicola</i>			
251.	3668 <i>Labichea obtrullata</i>		P1	Y
252.	4061 <i>Lotus cruentus</i> (Redflower Lotus)			
253.	4077 <i>Medicago minima</i> (Small Burr Medic)	Y		
254.	41988 <i>Mirbelia</i> sp. <i>Bursarioides</i> (T.R. Lally 760)			
255.	17645 <i>Senna artemisioides</i>			
256.	12276 <i>Senna artemisioides</i> subsp. <i>filifolia</i>			
257.	12279 <i>Senna artemisioides</i> subsp. <i>helmsii</i>			
258.	12281 <i>Senna artemisioides</i> subsp. <i>petiolaris</i>			
259.	12283 <i>Senna artemisioides</i> subsp. <i>x sturtii</i>			
260.	18444 <i>Senna charlesiana</i>			
261.	18449 <i>Senna glaucifolia</i>			
262.	12305 <i>Senna glutinosa</i> subsp. <i>chatelainiana</i>			
263.	14579 <i>Senna</i> sp. <i>Austin</i> (A. Strid 20210)			
264.	14578 <i>Senna</i> sp. <i>Billabong</i> (J.D. Alonzo 721)			
265.	14577 <i>Senna</i> sp. <i>Meekatharra</i> (E. Bailey 1-26)			
266.	12355 <i>Swainsona affinis</i>			
267.	4226 <i>Swainsona elegans</i>			
268.	4229 <i>Swainsona gracilis</i>			
269.	4237 <i>Swainsona oliveri</i>			
270.	13586 <i>Swainsona paucifoliolata</i>			
271.	13589 <i>Swainsona perlonga</i>			
272.	12357 <i>Swainsona purpurea</i>			
273.	4243 <i>Swainsona rostellata</i>			
274.	4316 <i>Trigonella suavissima</i> (Sweet Fenugreek)			

Geraniaceae

275.	4331 <i>Erodium aureum</i>	Y		
276.	4333 <i>Erodium cicutarium</i> (Common Storksbill)	Y		
277.	4335 <i>Erodium cygnorum</i> (Blue Heronsbill)			

Goodeniaceae

278.	7413 <i>Brunonia australis</i> (Native Cornflower)			
279.	7438 <i>Dampiera eriocephala</i> (Woolly-headed Dampiera)			
280.	7477 <i>Dampiera stenostachya</i> (Narrow-spiked Dampiera)			
281.	7483 <i>Dampiera tomentosa</i> (Felted Dampiera)			
282.	7486 <i>Dampiera wellsiana</i> (Wells' Dampiera)			
283.	7495 <i>Goodenia berardiana</i>			
284.	12512 <i>Goodenia berringbinensis</i>		P4	
285.	7501 <i>Goodenia corynocarpa</i>			
286.	7514 <i>Goodenia havilandii</i>			
287.	7527 <i>Goodenia mimuloides</i>			
288.	12553 <i>Goodenia neogoodenia</i>		P4	
289.	7531 <i>Goodenia occidentalis</i>			
290.	7535 <i>Goodenia pinnatifida</i> (Cutleaf Goodenia)			
291.	7557 <i>Goodenia trichophylla</i>			
292.	7583 <i>Lechenaultia macrantha</i> (Wreath Leschenaultia)			
293.	7644 <i>Scaevola spinescens</i> (Currant Bush, Maroon)			
294.	7648 <i>Scaevola tomentosa</i> (Raggedleaf Fanflower)			
295.	7656 <i>Velleia cycnopotamica</i>			
296.	7661 <i>Velleia hispida</i> (Hispid Velleia)			
297.	7664 <i>Velleia rosea</i> (Pink Velleia)			

Gyrostemonaceae

298.	2778 <i>Codonocarpus cotinifolius</i> (Native Poplar, Kundurangu)			
299.	2783 <i>Gyrostemon racemiger</i>			

Haloragaceae

300.	33620 <i>Glischrocaryon angustifolium</i>			
301.	6144 <i>Glischrocaryon flavescens</i>			
302.	6176 <i>Haloragis odontocarpa</i> (Mulga Nettle)			
303.	11370 <i>Haloragis odontocarpa</i> forma <i>octoforma</i>			
304.	16371 <i>Haloragis odontocarpa</i> forma <i>pterocarpa</i>			
305.	11440 <i>Haloragis odontocarpa</i> forma <i>rugosa</i>			
306.	6180 <i>Haloragis trigonocarpa</i>			

Hemerocallidaceae

307.	1259 <i>Dianella revoluta</i> (Blueberry Lily)			
308.	11636 <i>Dianella revoluta</i> var. <i>divaricata</i>			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
Hypoxidaceae				
309.	43765 <i>Pauridia glabella</i> var. <i>glabella</i>			
310.	43764 <i>Pauridia glabella</i> var. <i>leptantha</i>			
Juncaginaceae				
311.	33276 <i>Triglochin isingiana</i>			
312.	19038 <i>Triglochin protuberans</i>		P3	
Lamiaceae				
313.	6747 <i>Cyanostegia angustifolia</i> (<i>Tinsel-flower</i>)			
314.	6751 <i>Cyanostegia microphylla</i> (<i>Tinsel Flower</i>)			
315.	6760 <i>Dicrastylis fulva</i>			
316.	18549 <i>Dicrastylis soliparma</i>			
317.	33759 <i>Hemigenia benthamii</i>			
318.	33778 <i>Hemigenia botryphylla</i>			
319.	6857 <i>Hemigenia macphersonii</i>			
320.	17397 <i>Hemigenia</i> sp. <i>Yalgoo</i> (A.M. Ashby 2624)			
321.	33779 <i>Hemigenia tomentosa</i>			
322.	46414 <i>Hemigenia yalgensis</i>			
323.	17209 <i>Lachnostachys verbascifolia</i> var. <i>verbascifolia</i>			
324.	17643 <i>Microcorys</i> sp. <i>Mt Gibson</i> (S. Patrick 2098)			
325.	15822 <i>Prostanthera althoferi</i> subsp. <i>althoferi</i>			
326.	6912 <i>Prostanthera campbellii</i>			
327.	6919 <i>Prostanthera magnifica</i> (<i>Magnificent Prostanthera</i>)			
328.	6920 <i>Prostanthera patens</i>			
329.	41650 <i>Prostanthera prostantheroides</i>			
330.	6936 <i>Teucrium racemosum</i> (<i>Grey Germander</i>)			
331.	48603 <i>Teucrium teucriiflorum</i>			
Loranthaceae				
332.	2372 <i>Amyema fitzgeraldii</i> (<i>Pincushion Mistletoe</i>)			
333.	11191 <i>Amyema gibberula</i> var. <i>tatei</i>			
334.	2382 <i>Amyema nestor</i>			
335.	2383 <i>Amyema preissii</i> (<i>Wireleaf Mistletoe</i>)			
336.	2396 <i>Lysiana casuarinae</i>			
Malvaceae				
337.	4889 <i>Abutilon cryptopetalum</i>			
338.	4902 <i>Abutilon oxycarpum</i> (<i>Flannel Weed</i>)			
339.	4907 <i>Alyogyne pinoniana</i> (<i>Sand Hibiscus</i>)			
340.	40910 <i>Androcalva luteiflora</i> (<i>Yellow-flowered Rulingia</i>)			
341.	4999 <i>Brachychiton gregorii</i> (<i>Desert Kurrajong, Ngaita</i>)			
342.	4941 <i>Hibiscus solanifolius</i>			
343.	4951 <i>Lawrenzia chrysoderma</i>			
344.	46818 <i>Seringia hermannifolia</i> (<i>Crinkle-leaved firebush</i>)			
345.	46824 <i>Seringia velutina</i> (<i>Velvet firebush</i>)			
346.	4970 <i>Sida calyxhymenia</i> (<i>Tall Sida</i>)			
347.	31759 <i>Sida ectogama</i>			
348.	16929 <i>Sida phaeotricha</i>			
349.	31857 <i>Sida</i> sp. <i>Golden calyces glabrous</i> (H.N. Foote 32)			
350.	19712 <i>Sida</i> sp. <i>dark green fruits</i> (S. van Leeuwen 2260)			
Marsileaceae				
351.	74 <i>Marsilea drummondii</i> (<i>Common Nardoo</i>)			
352.	76 <i>Marsilea hirsuta</i> (<i>Nardoo</i>)			
353.	<i>Marsilea</i> sp.			
Montiaceae				
354.	36500 <i>Calandrinia creethiae</i>			
355.	30397 <i>Calandrinia crispisepala</i>			
356.	2853 <i>Calandrinia eremaea</i> (<i>Twining Purslane</i>)			
357.	2854 <i>Calandrinia granulifera</i> (<i>Pygmy Purslane</i>)			
358.	2859 <i>Calandrinia papillata</i>			
359.	2864 <i>Calandrinia ptychosperma</i>			
360.	2865 <i>Calandrinia pumila</i>			
361.	2867 <i>Calandrinia remota</i>			
362.	31132 <i>Calandrinia</i> sp. <i>Truncate capsules</i> (A. Markey & S. Dillon 3474)			
363.	30396 <i>Calandrinia translucens</i>			
Myrtaceae				
364.	19465 <i>Aluta aspera</i> subsp. <i>hesperia</i>			
365.	36062 <i>Baekkea</i> sp. <i>Gutha</i> (B.L. Rye 239041 & M.E. Trudgen)			
366.	5452 <i>Calytrix divergens</i>			
367.	12373 <i>Calytrix uncinata</i>			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
368.	14728 <i>Chamelaucium</i> sp. <i>Yalgoo</i> (Y. Chadwick 1816)		P1	
369.	34809 <i>Cheyनिया microphylla</i> (<i>Bush Pomegranate</i>)			
370.	5506 <i>Darwinia capitellata</i>			
371.	20738 <i>Enekbatus dualis</i>		P1	
372.	5673 <i>Eucalyptus horistes</i>			
373.	19523 <i>Eucalyptus kochii</i> subsp. <i>amaryssia</i>			
374.	15670 <i>Eucalyptus kochii</i> subsp. <i>plenissima</i>			
375.	13057 <i>Eucalyptus leptopoda</i> subsp. <i>arctata</i>			
376.	13038 <i>Eucalyptus loxophleba</i> subsp. <i>supralaevis</i>			
377.	5725 <i>Eucalyptus oldfieldii</i> (<i>Oldfield's Mallee</i>)			
378.	14548 <i>Eucalyptus victrix</i>			
379.	5806 <i>Homalocalyx aureus</i>			
380.	48656 <i>Hysterobaeckea setifera</i> subsp. <i>setifera</i>			
381.	5865 <i>Malleostemon roseus</i>			
382.	5866 <i>Malleostemon tuberculatus</i>			
383.	37580 <i>Melaleuca acutifolia</i>			
384.	5896 <i>Melaleuca cordata</i>			
385.	5908 <i>Melaleuca eleuterostachya</i>			
386.	19486 <i>Melaleuca hamata</i>			
387.	5929 <i>Melaleuca leiocarpa</i>			
388.	9183 <i>Melaleuca nematophylla</i> (<i>Wiry Honey-myrtle</i>)			
389.	19449 <i>Melaleuca stereophloia</i>			
390.	37725 <i>Micromyrtus prochytes</i>			
391.	6000 <i>Micromyrtus racemosa</i>			
392.	6003 <i>Micromyrtus sulphurea</i>			
393.	19696 <i>Thryptomene costata</i>			
394.	6054 <i>Thryptomene decussata</i>			
395.	12394 <i>Verticordia auriculata</i>			
396.	12436 <i>Verticordia interioris</i>			
397.	12443 <i>Verticordia monadelpha</i> var. <i>callitricha</i>			
398.	6106 <i>Verticordia penicillaris</i>		P4	

Ophioglossaceae

399. 17 *Ophioglossum lusitanicum* (*Adders Tongue*)

Orchidaceae

400. 18029 *Caladenia remota* subsp. *parva*
 401. 16688 *Prasophyllum gracile*
 402. 18657 *Pterostylis* sp. *inland* (A.C. Beaglehole 11880)

Phyllanthaceae

403. 17626 *Phyllanthus erwinii*

Pittosporaceae

404. 3167 *Bursaria occidentalis*
 405. 31768 *Cheiranthra simplicifolia*
 406. 19744 *Pittosporum angustifolium*

Plantaginaceae

407. 7299 *Plantago debilis*
 408. 7300 *Plantago drummondii* (*Sago Weed*)
 409. 7302 *Plantago hispida*
 410. 7305 *Plantago turrifera*
 411. 12487 *Stemodia florulenta*

Poaceae

412. 12025 *Amphipogon caricinus* var. *caricinus*
 413. 38501 *Anthosachne scabra*
 414. 207 *Aristida contorta* (*Bunched Kerosene Grass*)
 415. *Aristida* sp.
 416. 17237 *Austrostipa elegantissima*
 417. 17246 *Austrostipa nitida*
 418. 19588 *Austrostipa nodosa*
 419. 17251 *Austrostipa scabra*
 420. 17255 *Austrostipa trichophylla*
 421. 17256 *Austrostipa tuckeri*
 422. 17257 *Austrostipa variabilis*
 423. 247 *Bromus arenarius* (*Sand Brome*)
 424. 279 *Cymbopogon ambiguus* (*Scentgrass*)
 425. 310 *Digitaria brownii* (*Cotton Panic Grass*)
 426. 357 *Enneapogon caeruleus* (*Limestone Grass*)
 427. 378 *Eragrostis dielsii* (*Mallee Lovegrass*)
 428. 380 *Eragrostis eriopoda* (*Woollybutt Grass, Wangurnu*)

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
429.	387 <i>Eragrostis lanipes</i> (Creeping Wanderrie)			
430.	388 <i>Eragrostis leptocarpa</i> (Drooping Lovegrass)			
431.	392 <i>Eragrostis pergracilis</i>			
432.	393 <i>Eragrostis setifolia</i> (Neverfail Grass)			
433.	399 <i>Eragrostis xerophila</i> (Knotty-butt Neverfail)			
434.	403 <i>Eriachne benthamii</i> (Swamp Wanderrie)			
435.	408 <i>Eriachne flaccida</i> (Claypan Grass)			
436.	411 <i>Eriachne helmsii</i> (Buck Wanderrie Grass)			
437.	415 <i>Eriachne ovata</i>			
438.	417 <i>Eriachne pulchella</i> (Pretty Wanderrie)			
439.	16485 <i>Eriachne pulchella</i> subsp. <i>dominii</i>			
440.	426 <i>Eriochloa pseudoacrotricha</i> (Perennial Cupgrass)			
441.	468 <i>Lamarckia aurea</i> (Goldentop)	Y		
442.	490 <i>Monachather paradoxus</i>			
443.	10975 <i>Paspalidium basicladum</i>			
444.	40423 <i>Pentameris airoides</i> (False Hairgrass)	Y		
445.	551 <i>Phalaris minor</i> (Lesser Canary Grass)	Y		
446.	11151 <i>Rostraria pumila</i>	Y		
447.	40425 <i>Rytidosperma caespitosum</i>			
448.	597 <i>Schismus barbatus</i> (Kelch Grass)	Y		
449.	606 <i>Setaria dielsii</i> (Diels' Pigeon Grass)			
450.	674 <i>Thyridolepis mitchelliana</i> (Mulga Grass)			
451.	675 <i>Thyridolepis multiculmis</i> (Soft Wanderrie Grass)			
452.	678 <i>Tragus australianus</i> (Small Burrgrass)			
453.	48319 <i>Tripogonella loliformis</i>			
Polygalaceae				
454.	4555 <i>Comesperma integerrimum</i>			
455.	4566 <i>Comesperma volubile</i> (Love Creeper)			
Polygonaceae				
456.	44508 <i>Duma florulenta</i>			
457.	2412 <i>Muehlenbeckia adpressa</i> (Climbing Lignum)			
458.	46434 <i>Rumex hypogaeus</i>	Y		
Portulacaceae				
459.	2884 <i>Portulaca oleracea</i> (Purslane, Wakati)			
Proteaceae				
460.	1986 <i>Grevillea deflexa</i>			
461.	2001 <i>Grevillea eriostachya</i> (Flame Grevillea, Kaliny-kalinyapa)			
462.	2004 <i>Grevillea extorris</i>			
463.	2011 <i>Grevillea globosa</i>		P3	
464.	13430 <i>Grevillea hakeoides</i> subsp. <i>stenophylla</i>			
465.	15844 <i>Grevillea juncifolia</i> subsp. <i>temulenta</i>			
466.	16797 <i>Grevillea levis</i>			
467.	19542 <i>Grevillea nematophylla</i> subsp. <i>supraplana</i>			
468.	15984 <i>Grevillea obliquistigma</i> subsp. <i>funicularis</i>			
469.	15981 <i>Grevillea obliquistigma</i> subsp. <i>obliquistigma</i>			
470.	2068 <i>Grevillea pityophylla</i>			
471.	2163 <i>Hakea francisiana</i> (Emu Tree)			
472.	19137 <i>Hakea lorea</i> subsp. <i>lorea</i>			
473.	2182 <i>Hakea minyma</i>			
474.	2196 <i>Hakea preissii</i> (Needle Tree, Dandjin)			
475.	2198 <i>Hakea pycnoneura</i>			
476.	17556 <i>Hakea recurva</i> subsp. <i>arida</i>			
477.	17557 <i>Hakea recurva</i> subsp. <i>recurva</i>			
478.	15629 <i>Persoonia hexagona</i>			
479.	31779 <i>Persoonia manotricha</i>			
480.	14569 <i>Persoonia pentasticha</i>		P3	
Pteridaceae				
481.	12796 <i>Cheilanthes adiantoides</i>			
482.	32 <i>Cheilanthes brownii</i>			
483.	37 <i>Cheilanthes lasiophylla</i> (Woolly Cloak Fern)			
484.	12818 <i>Cheilanthes sieberi</i> subsp. <i>sieberi</i>			
Rhamnaceae				
485.	14314 <i>Cryptandra imbricata</i>			
Rubiaceae				
486.	18154 <i>Psyrdrax latifolia</i>			
487.	18155 <i>Psyrdrax suaveolens</i>			
488.	13339 <i>Synaptantha tillaeacea</i> var. <i>tillaeacea</i>			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
Rutaceae				
489.	18537 <i>Philotheca brucei</i> subsp. <i>brucei</i>			
490.	18508 <i>Philotheca sericea</i>			
Santalaceae				
491.	10977 <i>Exocarpos aphyllus</i> (Leafless Ballart)			
492.	2359 <i>Santalum spicatum</i> (Sandalwood, Wilarak)			
Sapindaceae				
493.	11487 <i>Alectryon oleifolius</i> subsp. <i>oleifolius</i>			
494.	4752 <i>Dodonaea adenophora</i>			
495.	31881 <i>Dodonaea amplisemina</i>		P4	
496.	4766 <i>Dodonaea inaequifolia</i>			
497.	4773 <i>Dodonaea petiolaris</i>			
498.	4779 <i>Dodonaea rigida</i>			
499.	4782 <i>Dodonaea viscosa</i> (Sticky Hopbush)			
500.	11247 <i>Dodonaea viscosa</i> subsp. <i>angustissima</i>			
501.	11674 <i>Dodonaea viscosa</i> subsp. <i>mucronata</i>			
Scrophulariaceae				
502.	7189 <i>Eremophila clarkei</i> (Turpentine Bush)			
503.	7190 <i>Eremophila compacta</i>			
504.	17157 <i>Eremophila compacta</i> subsp. <i>compacta</i>			
505.	7204 <i>Eremophila eriocalyx</i> (Desert Pride)			
506.	7205 <i>Eremophila exilifolia</i>			
507.	7208 <i>Eremophila forrestii</i> (Wilcox Bush)			
508.	15052 <i>Eremophila forrestii</i> subsp. <i>forrestii</i>			
509.	7209 <i>Eremophila fraseri</i> (Burra)			
510.	16696 <i>Eremophila fraseri</i> subsp. <i>fraseri</i>			
511.	29532 <i>Eremophila galeata</i>			
512.	7211 <i>Eremophila georgei</i>			
513.	16475 <i>Eremophila glandulifera</i>			
514.	7216 <i>Eremophila glutinosa</i>			
515.	7219 <i>Eremophila granitica</i> (Thin-leaved Poverty Bush)			
516.	17189 <i>Eremophila hygrophana</i>			
517.	7230 <i>Eremophila latrobei</i> (Warty Fuchsia Bush, Mintjingka)			
518.	17576 <i>Eremophila latrobei</i> subsp. <i>latrobei</i>			
519.	7234 <i>Eremophila longifolia</i> (Berrigan, Tulypurpa)			
520.	15158 <i>Eremophila mackinlayi</i> subsp. <i>spathulata</i>			
521.	16363 <i>Eremophila maculata</i> subsp. <i>brevifolia</i> (Native Fuchsia)			
522.	17168 <i>Eremophila oldfieldii</i> subsp. <i>oldfieldii</i>			
523.	18570 <i>Eremophila oppositifolia</i> subsp. <i>angustifolia</i>			
524.	48949 <i>Eremophila platycalyx</i> subsp. <i>Granites</i> (D.J. Edinger & G. Marsh DJE 4782)			
525.	48947 <i>Eremophila platycalyx</i> subsp. <i>Yalgoo</i> (A. Markey & S. Dillon 3337)		P3	
526.	15058 <i>Eremophila platycalyx</i> subsp. <i>platycalyx</i>			
527.	7257 <i>Eremophila punicea</i> (Crimson Eremophila)			
528.	15168 <i>Eremophila spuria</i>			
529.	7282 <i>Eremophila viscida</i> (Varnish Bush)		T	
530.	15155 <i>Eremophila youngii</i> subsp. <i>youngii</i>			
531.	7113 <i>Zaluzianskya divaricata</i> (Spreading Night Phlox)	Y		
Solanaceae				
532.	6952 <i>Anthrotroche pannosa</i> (Felted Anthrotroche)			
533.	6966 <i>Duboisia hopwoodii</i> (Pituri, Kundugu)			
534.	6972 <i>Nicotiana cavicola</i> (Talara)			
535.	11331 <i>Nicotiana occidentalis</i> subsp. <i>obliqua</i>			
536.	11856 <i>Nicotiana occidentalis</i> subsp. <i>occidentalis</i>			
537.	6977 <i>Nicotiana rosulata</i> (Rosetted Tobacco)			
538.	11734 <i>Nicotiana rosulata</i> subsp. <i>rosulata</i>			
539.	6978 <i>Nicotiana rotundifolia</i> (Round-leaved Tobacco)			
540.	6998 <i>Solanum cleistogamum</i>			
541.	7018 <i>Solanum lasiophyllum</i> (Flannel Bush, Mindjulu)			
542.	7023 <i>Solanum nummularium</i> (Money-leaved Solanum)			
543.	7025 <i>Solanum oldfieldii</i>			
544.	11241 <i>Solanum orbiculatum</i> subsp. <i>orbiculatum</i> (Round-leaved Solanum)			
Stylidiaceae				
545.	7671 <i>Levenhookia leptantha</i> (Trumpet Stylewort)			
546.	7754 <i>Stylidium longibracteatum</i> (Long-bracted Trigger Plant)			
Thymelaeaceae				
547.	5231 <i>Pimelea angustifolia</i> (Narrow-leaved Pimelea)			
548.	5245 <i>Pimelea forrestiana</i>			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
549.	11185 <i>Pimelea microcephala</i> subsp. <i>microcephala</i>			
Urticaceae				
550.	12670 <i>Parietaria cardiostegia</i>			
Zygophyllaceae				
551.	48890 <i>Roepera eremaea</i>			
552.	48897 <i>Roepera lobulata</i>			

Conservation Codes

- T - Rare or likely to become extinct
- X - Presumed extinct
- IA - Protected under international agreement
- S - Other specially protected fauna
- 1 - Priority 1
- 2 - Priority 2
- 3 - Priority 3
- 4 - Priority 4
- 5 - Priority 5

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

Yogi Pipeline_Flora

Created By Guest user on 21/01/2019

Kingdom Plantae
Current Names Only Yes
Core Datasets Only Yes
Method 'By Circle'
Centre 116° 04' 04" E, 28° 27' 21" S
Buffer 40km
Group By Family

Family	Species	Records
Aizoaceae	7	34
Amaranthaceae	17	66
Apiaceae	2	5
Apocynaceae	3	4
Araliaceae	8	19
Asparagaceae	9	29
Asteraceae	89	373
Boraginaceae	3	12
Boryaceae	3	3
Brassicaceae	7	17
Campanulaceae	6	12
Caryophyllaceae	4	9
Casuarinaceae	5	14
Celastraceae	3	4
Centrolepidaceae	6	18
Chenopodiaceae	49	156
Colchicaceae	2	2
Convolvulaceae	2	9
Crassulaceae	4	19
Cupressaceae	3	13
Cyperaceae	10	24
Dilleniaceae	4	17
Droseraceae	4	7
Ecdiocolleaceae	1	2
Ericaceae	2	5
Euphorbiaceae	6	31
Fabaceae	87	333
Frankeniaceae	5	14
Geraniaceae	2	6
Goodeniaceae	25	119
Gyrostemonaceae	2	5
Haloragaceae	8	14
Hemerocallidaceae	3	5
Hypoxidaceae	1	1
Juncaceae	1	5
Juncaginaceae	6	18
Lamiaceae	26	137
Loganiaceae	2	3
Loranthaceae	2	4
Malvaceae	16	53
Marsileaceae	2	3
Montiaceae	5	11
Myrtaceae	72	338
Orchidaceae	6	10
Orobanchaceae	1	1
Phrymaceae	1	2
Phyllanthaceae	1	3
Pittosporaceae	2	9
Plantaginaceae	2	4
Plumbaginaceae	1	1
Poaceae	42	167
Polygalaceae	2	10
Polygonaceae	1	1
Portulacaceae	1	3
Proteaceae	32	120
Pteridaceae	3	9
Rhamnaceae	2	6
Rubiaceae	2	3
Ruppiaceae	2	2
Rutaceae	6	37
Santalaceae	2	4
Sapindaceae	6	28
Scrophulariaceae	25	95
Solanaceae	11	47
Stylidiaceae	6	10
Surianaceae	1	2
Thymelaeaceae	4	7
Urticaceae	1	1
Zygophyllaceae	1	1
TOTAL	688	2556

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
Aizoaceae				
1.	20522 <i>Cleretum papulosum</i> subsp. <i>papulosum</i>	Y		
2.	2799 <i>Disphyma crassifolium</i> (Round-leaved Pigface)			
3.	2804 <i>Gunniopsis glabra</i>			
4.	2807 <i>Gunniopsis quadrifida</i> (Sturts Pigface)			
5.	2810 <i>Gunniopsis septifraga</i>			
6.	2814 <i>Mesembryanthemum nodiflorum</i> (Slender Iceplant)	Y		
7.	2821 <i>Tetragonia diptera</i>			
Amaranthaceae				
8.	2690 <i>Ptilotus aervoides</i>			
9.	48444 <i>Ptilotus benlii</i>			
10.	2717 <i>Ptilotus divaricatus</i> (Climbing Mulla Mulla)			
11.	2718 <i>Ptilotus drummondii</i> (Narrowleaf Mulla Mulla)			
12.	11260 <i>Ptilotus drummondii</i> var. <i>drummondii</i> (Pussytail)			
13.	48602 <i>Ptilotus eremita</i>			
14.	2721 <i>Ptilotus exaltatus</i> (Tall Mulla Mulla)			
15.	2727 <i>Ptilotus gaudichaudii</i>			
16.	2729 <i>Ptilotus grandiflorus</i>			
17.	23476 <i>Ptilotus halophilus</i>			
18.	2731 <i>Ptilotus helipteroides</i> (Hairy Mulla Mulla)			
19.	2732 <i>Ptilotus holosericeus</i>			
20.	2733 <i>Ptilotus humilis</i>			
21.	2741 <i>Ptilotus macrocephalus</i> (Featherheads)			
22.	2747 <i>Ptilotus obovatus</i> (Cotton Bush)			
23.	2751 <i>Ptilotus polystachyus</i> (Prince of Wales Feather)			
24.	2760 <i>Ptilotus spathulatus</i>			
Apiaceae				
25.	6210 <i>Apium annuum</i>			
26.	6218 <i>Daucus glochidiatus</i> (Australian Carrot)			
Apocynaceae				
27.	6565 <i>Alyxia buxifolia</i> (Dysentery Bush)			
28.	48280 <i>Cynanchum viminalis</i> subsp. <i>australe</i>			
29.	12949 <i>Marsdenia australis</i>			
Araliaceae				
30.	6223 <i>Hydrocotyle alata</i>			
31.	6226 <i>Hydrocotyle callicarpa</i> (Small Pennywort)			
32.	6234 <i>Hydrocotyle medicaginooides</i> (Trefoil Pennywort)			
33.	6236 <i>Hydrocotyle pilifera</i>			
34.	19253 <i>Trachymene ceratocarpa</i>			
35.	6268 <i>Trachymene cyanopetala</i>			
36.	6279 <i>Trachymene ornata</i> (Spongefruit)			
37.	6280 <i>Trachymene pilosa</i> (Native Parsnip)			
Asparagaceae				
38.	1205 <i>Acanthocarpus canaliculatus</i>			
39.	1266 <i>Arthropodium dyeri</i>			
40.	1216 <i>Chamaexeros macranthera</i>			
41.	1289 <i>Dichopogon preissii</i>			
42.	1338 <i>Thysanotus manglesianus</i> (Fringed Lily)			
43.	1346 <i>Thysanotus pyramidalis</i>			
44.	1348 <i>Thysanotus rectantherus</i>			
45.	29456 <i>Thysanotus</i> sp. <i>Twining Wheatbelt</i> (N.H. Brittan 81/29)			
46.	1352 <i>Thysanotus speckii</i>			
Asteraceae				
47.	7817 <i>Actinobole uliginosum</i> (Flannel Cudweed)			
48.	7831 <i>Angianthus micropodioides</i>		P3	
49.	7836 <i>Angianthus tomentosus</i> (Camel-grass)			
50.	7838 <i>Arctotheca calendula</i> (Cape Weed, African Marigold)	Y		
51.	7846 <i>Asteridea athrixoides</i>			
52.	7852 <i>Bellida graminea</i> (Rosy Bellida)			
53.	7856 <i>Blennospora drummondii</i>			
54.	7857 <i>Blennospora phlegmatocarpa</i>			
55.	7878 <i>Brachyscome iberidifolia</i>			
56.	7882 <i>Brachyscome perpusilla</i>			
57.	7895 <i>Calocephalus multiflorus</i> (Yellow-top)			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
58.	7903 <i>Calotis hispidula</i> (Bindy Eye)			
59.	7905 <i>Calotis multicaulis</i> (Many-stemmed Burr-daisy)			
60.	7916 <i>Centaurea melitensis</i> (Maltese Cockspur, Malta Thistle)	Y		
61.	7922 <i>Cephalopterum drummondii</i> (Pompom Head)			
62.	7924 <i>Ceratogyne obionoides</i> (Wingwort)			
63.	12616 <i>Chthonocephalus muellerianus</i>		P2	
64.	7933 <i>Chthonocephalus pseudevax</i> (Woolly Groundheads)			
65.	7946 <i>Cotula cotuloides</i> (Smooth Cotula)			
66.	7951 <i>Cratystylis subspinescens</i> (Australian Sage, Spiny Grey Bush)			
67.	12721 <i>Dielitzia tysonii</i>			
68.	7960 <i>Dithyrostegia amplexicaulis</i>			
69.	12720 <i>Erymophyllum glossanthus</i>			
70.	12622 <i>Feldstonia nitens</i>			
71.	12780 <i>Gilberta tenuifolia</i>			
72.	11008 <i>Gilruthia osbornii</i>			
73.	7987 <i>Gnephosis acicularis</i> (Zigzag Gnephosis)			
74.	12624 <i>Gnephosis angianthoides</i>			
75.	7988 <i>Gnephosis arachnoidea</i> (Cobwebby-headed Gnephosis)			
76.	7989 <i>Gnephosis brevifolia</i> (Short-leaved Gnephosis)			
77.	12625 <i>Gnephosis cassiniana</i>		P3	
78.	7991 <i>Gnephosis drummondii</i>			
79.	7998 <i>Gnephosis macrocephala</i>			
80.	12626 <i>Gnephosis setifera</i>		P1	
81.	8002 <i>Gnephosis tenuissima</i>			
82.	8005 <i>Gnephosis uniflora</i>			
83.	8045 <i>Helipterum craspedioides</i> (Yellow Billy Buttons)			
84.	8085 <i>Hyalochlamys globifera</i>			
85.	12742 <i>Hyalosperma demissum</i>			
86.	15447 <i>Hyalosperma glutinosum</i> subsp. <i>glutinosum</i>			
87.	15448 <i>Hyalosperma glutinosum</i> subsp. <i>venustum</i>			
88.	8086 <i>Hypochoeris glabra</i> (Smooth Catsear)	Y		
89.	8087 <i>Isoetopsis graminifolia</i> (Cushion Grass)			
90.	13289 <i>Lawrencella davenportii</i>			
91.	13284 <i>Lawrencella rosea</i>			
92.	12628 <i>Lemooria burkittii</i>			
93.	8105 <i>Millotia myosotidifolia</i>			
94.	8116 <i>Myriocephalus guerinae</i>			
95.	14187 <i>Myriocephalus occidentalis</i>			
96.	17925 <i>Myriocephalus oldfieldii</i>			
97.	14186 <i>Myriocephalus pygmaeus</i>			
98.	12734 <i>Olearia humilis</i>			
99.	12636 <i>Olearia incondita</i>			
100.	8145 <i>Olearia pimeleoides</i> (Pimelea Daisybush, Burrobunga)			
101.	44401 <i>Olearia</i> sp. <i>Eremicola</i> (Diels & Pritzel s.n. PERTH 00449628)			
102.	42024 <i>Olearia</i> sp. <i>Kennedy Range</i> (G. Byrne 66)			
103.	45238 <i>Podolepis aristata</i> subsp. <i>affinis</i>			
104.	45237 <i>Podolepis aristata</i> subsp. <i>aristata</i>			
105.	45240 <i>Podolepis aristata</i> subsp. <i>auriculata</i>			
106.	8173 <i>Podolepis capillaris</i> (Wiry Podolepis)			
107.	45239 <i>Podolepis eremaea</i>			
108.	8176 <i>Podolepis kendallii</i>			
109.	8177 <i>Podolepis lessonii</i>			
110.	8184 <i>Podotrochea gnaphalioides</i> (Golden Long-heads)			
111.	12733 <i>Podotrochea pritzelii</i>		P3	
112.	<i>Podotrochea</i> sp.			
113.	8188 <i>Pogonolepis stricta</i>			
114.	8189 <i>Pseudognaphalium luteoalbum</i> (Jersey Cudweed)			
115.	13306 <i>Rhodanthe battii</i>			
116.	13241 <i>Rhodanthe chlorocephala</i> subsp. <i>rosea</i>			
117.	13242 <i>Rhodanthe chlorocephala</i> subsp. <i>splendida</i>			
118.	13300 <i>Rhodanthe citrina</i>			
119.	13234 <i>Rhodanthe manglesii</i>			
120.	13238 <i>Rhodanthe maryonii</i>			
121.	13309 <i>Rhodanthe spicata</i>			
122.	45154 <i>Roebuckiella cheilocarpa</i> var. <i>cheilocarpa</i>			
123.	45156 <i>Roebuckiella cheilocarpa</i> var. <i>glabrata</i>			
124.	45148 <i>Roebuckiella ciliocarpa</i>			
125.	45138 <i>Roebuckiella halophila</i>		P3	
126.	8200 <i>Schoenia cassiniana</i> (<i>Schoenia</i>)			
127.	13287 <i>Schoenia filifolia</i> subsp. <i>filifolia</i>			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
128.	8207 <i>Senecio glossanthus</i> (Slender Groundsel)			
129.	8231 <i>Sonchus oleraceus</i> (Common Sowthistle)	Y		
130.	12647 <i>Sondottia connata</i>			
131.	48226 <i>Trichanthodium exilis</i>			
132.	8254 <i>Urospermum picroides</i> (False Hawkbit)	Y		
133.	8275 <i>Waitzia acuminata</i> (Orange Immortelle)			
134.	13331 <i>Waitzia acuminata</i> var. <i>acuminata</i>			
135.	13328 <i>Waitzia nitida</i>			
Boraginaceae				
136.	17485 <i>Halgania anagaloides</i>			
137.	30294 <i>Halgania gustafsenii</i> var. <i>Mid West</i> (G. Perry 370)			
138.	6707 <i>Heliotropium curassavicum</i> (Smooth Heliotrope)			
Boryaceae				
139.	1267 <i>Borya constricta</i>			
140.	1271 <i>Borya nitida</i> (Pincushions)			
141.	1273 <i>Borya sphaerocephala</i> (Pincushions)			
Brassicaceae				
142.	3000 <i>Brassica tournefortii</i> (Mediterranean Turnip)	Y		
143.	3044 <i>Lepidium rotundum</i> (Veined Peppergrass)			
144.	3069 <i>Sisymbrium erylaimoides</i> (Smooth Mustard)	Y		
145.	3074 <i>Stenopetalum anfractum</i>			
146.	3076 <i>Stenopetalum filifolium</i>			
147.	3077 <i>Stenopetalum lineare</i> (Narrow Thread Petal)			
148.	19419 <i>Stenopetalum salicola</i>			
Campanulaceae				
149.	7402 <i>Lobelia gibbosa</i> (Tall Lobelia)			
150.	36863 <i>Lobelia heterophylla</i> subsp. <i>heterophylla</i>			
151.	7405 <i>Lobelia rarifolia</i>			
152.	7409 <i>Lobelia winfridae</i> (Little Lobelia)			
153.	7389 <i>Wahlenbergia preissii</i>			
154.	<i>Wahlenbergia</i> sp.			
Caryophyllaceae				
155.	19825 <i>Petrorhagia dubia</i>	Y		
156.	2905 <i>Polycarpon tetraphyllum</i> (Fourleaf Allseed)	Y		
157.	2909 <i>Silene gallica</i> (French Catchfly)	Y		
158.	8900 <i>Spergularia marina</i>			
Casuarinaceae				
159.	1720 <i>Allocasuarina acutivalvis</i>			
160.	13904 <i>Allocasuarina acutivalvis</i> subsp. <i>acutivalvis</i>			
161.	13905 <i>Allocasuarina acutivalvis</i> subsp. <i>prinsepiana</i>			
162.	1725 <i>Allocasuarina dielsiana</i> (Northern Sheoak)			
163.	1742 <i>Casuarina obesa</i> (Swamp Sheoak, Kuli)			
Celastraceae				
164.	4725 <i>Psammomoya choretroides</i>			
165.	19913 <i>Psammomoya implexa</i>		P3	
166.	19555 <i>Stackhousia muricata</i> subsp. <i>annual</i> (W.R. Barker 2172)			
Centrolepidaceae				
167.	1120 <i>Centrolepis alepyroides</i>			
168.	1121 <i>Centrolepis aristata</i> (Pointed Centrolepis)			
169.	1124 <i>Centrolepis cephaliformis</i>			
170.	1125 <i>Centrolepis drummondiana</i>			
171.	1130 <i>Centrolepis humillima</i> (Dwarf Centrolepis)			
172.	1134 <i>Centrolepis polygyna</i> (Wiry Centrolepis)			
Chenopodiaceae				
173.	2450 <i>Atriplex amnicola</i> (Swamp Saltbush)			
174.	2453 <i>Atriplex codonocarpa</i> (Flat-topped Saltbush)			
175.	2459 <i>Atriplex holocarpa</i> (Pop Saltbush)			
176.	2461 <i>Atriplex hymenotheca</i>			
177.	2470 <i>Atriplex paludosa</i> (Marsh Saltbush)			
178.	11525 <i>Atriplex paludosa</i> subsp. <i>baudinii</i>			
179.	2476 <i>Atriplex semilunaris</i> (Annual Saltbush)			
180.	2481 <i>Atriplex vesicaria</i> (Bladder Saltbush)			
181.	2489 <i>Chenopodium gaudichaudianum</i> (Cottony Saltbush)			
182.	2498 <i>Didymanthus roei</i>			
183.	2500 <i>Dysphania glandulosa</i>			
184.	11632 <i>Dysphania glomulifera</i> subsp. <i>eremaea</i>			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
185.	33597 <i>Dysphania melanocarpa</i> forma <i>melanocarpa</i> (Black Goosefoot)			
186.	2510 <i>Enchylaena lanata</i>			
187.	2511 <i>Enchylaena tomentosa</i> (Barrier Saltbush)			
188.	12064 <i>Enchylaena tomentosa</i> var. <i>tomentosa</i> (Barrier Saltbush)			
189.	2514 <i>Eriochiton sclerolaenoides</i> (Woolly Bindii)			
190.	2533 <i>Maireana amoena</i>			
191.	2535 <i>Maireana appressa</i>			
192.	2536 <i>Maireana atkinsiana</i> (Bronze Bluebush)			
193.	2538 <i>Maireana carnosae</i> (Cottony Bluebush)			
194.	2539 <i>Maireana convexa</i> (Mulga Bluebush)			
195.	2544 <i>Maireana georgei</i> (Satiny Bluebush)			
196.	2556 <i>Maireana planifolia</i> (Low Bluebush)			
197.	2560 <i>Maireana pyramidata</i> (Sago Bush)			
198.	2566 <i>Maireana thesioides</i> (Lax Bluebush)			
199.	2567 <i>Maireana tomentosa</i> (Felted Bluebush)			
200.	11662 <i>Maireana tomentosa</i> subsp. <i>tomentosa</i>			
201.	2568 <i>Maireana trichoptera</i> (Downy Bluebush)			
202.	2569 <i>Maireana triptera</i> (Threewinged Bluebush)			
203.	2571 <i>Maireana villosa</i>			
204.	2581 <i>Rhagodia drummondii</i>			
205.	2582 <i>Rhagodia eremaea</i> (Thorny Saltbush)			
206.	19495 <i>Rhagodia</i> sp. <i>Watheroo</i> (R.J. Cranfield & P.J. Spencer 8183)			
207.	48432 <i>Salicornia globosa</i>		P3	
208.	2607 <i>Sclerolaena densiflora</i>			
209.	2609 <i>Sclerolaena diacantha</i> (Grey Copperburr)			
210.	2612 <i>Sclerolaena eurotioides</i> (Fluffy Bindii)			
211.	2615 <i>Sclerolaena fusiformis</i>			
212.	2622 <i>Sclerolaena microcarpa</i>			
213.	2627 <i>Sclerolaena patentiuspis</i> (Spear-fruit Saltbush)			
214.	34838 <i>Tecticornia annelida</i>		P1	
215.	31552 <i>Tecticornia arbuscula</i>			
216.	46513 <i>Tecticornia doliformis</i>			
217.	33236 <i>Tecticornia halocnemoides</i> (Shrubby Samphire)			
218.	33319 <i>Tecticornia indica</i> subsp. <i>bidens</i>			
219.	31674 <i>Tecticornia peltata</i>			
220.	33297 <i>Tecticornia pergranulata</i> subsp. <i>pergranulata</i> (Blackseed Samphire)			
221.	31853 <i>Tecticornia</i> sp. <i>Burnerbinmah</i> (D. Edinger et al. 101)			
Colchicaceae				
222.	1391 <i>Wurmbea densiflora</i>			
223.	29486 <i>Wurmbea</i> sp. <i>Upper Murchison</i> (A.P. Brown & J. Start APB 3562)			Y
Convolvulaceae				
224.	6663 <i>Cuscuta epithymum</i> (Lesser Dodder, Greater Dodder)	Y		
225.	31334 <i>Duperreya sericea</i>			
Crassulaceae				
226.	3137 <i>Crassula colorata</i> (Dense Stonecrop)			
227.	11709 <i>Crassula colorata</i> var. <i>acuminata</i>			
228.	11563 <i>Crassula colorata</i> var. <i>colorata</i>			
229.	3139 <i>Crassula exserta</i>			
Cupressaceae				
230.	92 <i>Callitris canescens</i>			
231.	8466 <i>Callitris columellaris</i> (White Cypress Pine)			
232.	96 <i>Callitris preissii</i> (Rottnest Island Pine, Maro)			
Cyperaceae				
233.	750 <i>Bulbostylis barbata</i>			
234.	31017 <i>Eleocharis papillosa</i>		P3	
235.	20200 <i>Isolepis cernua</i> var. <i>setiformis</i>			
236.	911 <i>Isolepis congrua</i>			
237.	917 <i>Isolepis marginata</i> (Coarse Club-rush)			
238.	955 <i>Mesomelaena pseudostygia</i>			
239.	994 <i>Schoenus humilis</i>			
240.	1002 <i>Schoenus nanus</i> (Tiny Bog Rush)			
241.	1013 <i>Schoenus sculptus</i> (Gimlet Bog-rush)			
242.	17409 <i>Schoenus variicellae</i>			
Dilleniaceae				
243.	14459 <i>Hibbertia arcuata</i>			
244.	5130 <i>Hibbertia glomerosa</i> (Guinea-flower)			
245.	19779 <i>Hibbertia glomerosa</i> var. <i>glomerosa</i>			

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246.	19683 <i>Hibbertia stenophylla</i>			
Droseraceae				
247.	3088 <i>Drosera andersoniana</i> (Sturdy Sundew)			
248.	3098 <i>Drosera glanduligera</i> (Pimpernel Sundew)			
249.	3106 <i>Drosera macrantha</i> (Bridal Rainbow)			
250.	3128 <i>Drosera ramellosa</i> (Branched Sundew)			
Ecdeiocoleaceae				
251.	1066 <i>Ecdeiocolea monostachya</i>			
Ericaceae				
252.	6336 <i>Astroloma serratifolium</i> (Kondrung)			
253.	19517 <i>Leucopogon</i> sp. outer wheatbelt (M. Hislop 30)			
Euphorbiaceae				
254.	16492 <i>Calycopeplus paucifolius</i>			
255.	4620 <i>Euphorbia boophthona</i> (Gascoyne Spurge)			
256.	4626 <i>Euphorbia drummondii</i> (Caustic Weed, Piwi)			
257.	12097 <i>Euphorbia tannensis</i> subsp. <i>eremophila</i> (Desert Spurge)			
258.	19584 <i>Monotaxis bracteata</i>			
259.	4704 <i>Ricinocarpos velutinus</i>			
Fabaceae				
260.	3199 <i>Acacia acuaria</i>			
261.	3200 <i>Acacia acuminata</i> (Jam, Mangard)			
262.	14046 <i>Acacia ampliata</i>		P1	
263.	3216 <i>Acacia andrewsii</i>			
264.	3217 <i>Acacia aneura</i> (Mulga, Wanari)			
265.	12247 <i>Acacia anthochaera</i>			
266.	15467 <i>Acacia assimilis</i> subsp. <i>assimilis</i>			
267.	16112 <i>Acacia aulacophylla</i>			
268.	3248 <i>Acacia burkittii</i> (Sandhill Wattle)			
269.	36417 <i>Acacia caesaneura</i>			
270.	15472 <i>Acacia cavealis</i>			
271.	3264 <i>Acacia colletioides</i> (Wait-a-while)			
272.	3265 <i>Acacia comans</i>			
273.	3269 <i>Acacia coolgardiensis</i> (Spinifex Wattle)			
274.	3273 <i>Acacia craspedocarpa</i> (Hop Mulga)			
275.	3301 <i>Acacia dielsii</i>			
276.	44536 <i>Acacia doreta</i>			
277.	3315 <i>Acacia duriuscula</i>			
278.	32118 <i>Acacia effusifolia</i>			
279.	3321 <i>Acacia eremaea</i>			
280.	3323 <i>Acacia ericifolia</i>			
281.	3330 <i>Acacia exocarpoides</i>			
282.	36781 <i>Acacia fuscaneura</i>			
283.	3355 <i>Acacia grasbyi</i> (Miniritchie)			
284.	32117 <i>Acacia incognita</i>			
285.	3392 <i>Acacia jamesiana</i>			
286.	3395 <i>Acacia jibberdingensis</i>			
287.	11611 <i>Acacia lasiocarpa</i> var. <i>lasiocarpa</i>			
288.	32116 <i>Acacia latior</i>			
289.	3419 <i>Acacia ligulata</i> (Umbrella Bush, Watarka)			
290.	15477 <i>Acacia lineolata</i> subsp. <i>lineolata</i>			
291.	12262 <i>Acacia lineolata</i> subsp. <i>multilineata</i>		P1	
292.	3426 <i>Acacia longispinea</i>			
293.	3452 <i>Acacia murrayana</i> (Sandplain Wattle)			
294.	15290 <i>Acacia neurophylla</i> subsp. <i>erugata</i>			
295.	36800 <i>Acacia pteraneura</i>			
296.	16142 <i>Acacia puncticulata</i>			
297.	3510 <i>Acacia ramulosa</i> (Horse Mulga)			
298.	19483 <i>Acacia ramulosa</i> var. <i>linophylla</i>			
299.	19499 <i>Acacia ramulosa</i> var. <i>ramulosa</i>			
300.	3515 <i>Acacia restiacea</i>			
301.	13078 <i>Acacia sclerosperma</i> subsp. <i>sclerosperma</i>			
302.	3545 <i>Acacia sibina</i>			
303.	8949 <i>Acacia sibirica</i> (Bastard Mulga)			
304.	18615 <i>Acacia</i> sp. Mullewa (B.R. Maslin 4269)			
305.	20341 <i>Acacia</i> sp. Wubin (B.R. Maslin 4131)			
306.	29118 <i>Acacia</i> sp. small seed (B.R. Maslin 7830)			
307.	14615 <i>Acacia speckii</i>		P4	
308.	15294 <i>Acacia stereophylla</i> var. <i>stereophylla</i>			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
309.	14147 <i>Acacia subsessilis</i>		P3	
310.	3577 <i>Acacia tetragonophylla</i> (Kurara, Wakalpuka)			
311.	3586 <i>Acacia tysonii</i>			
312.	31071 <i>Acacia umbraculiformis</i>			
313.	13114 <i>Chorizema racemosum</i>			
314.	3796 <i>Daviesia benthamii</i>			
315.	3813 <i>Daviesia grahamii</i>			
316.	20711 <i>Eutaxia leptophylla</i>			
317.	3938 <i>Glycine canescens</i> (Silky Glycine)			
318.	10777 <i>Gompholobium gompholobioides</i>			
319.	19546 <i>Indigofera kingiana</i>			
320.	14781 <i>Jacksonia acicularis</i>			
321.	3998 <i>Jacksonia angulata</i>			
322.	14779 <i>Jacksonia arida</i>			
323.	4026 <i>Jacksonia rhadinoclada</i>			
324.	3668 <i>Labichea obrullata</i>		P1	Y
325.	4056 <i>Leptosema daviesioides</i>			
326.	4077 <i>Medicago minima</i> (Small Burr Medic)	Y		
327.	4079 <i>Medicago polymorpha</i> (Burr Medic)	Y		
328.	4083 <i>Medicago truncatula</i> (Barrel Medic)	Y		
329.	4089 <i>Mirbelia depressa</i>			
330.	4093 <i>Mirbelia longifolia</i>			
331.	4094 <i>Mirbelia microphylla</i>			
332.	4097 <i>Mirbelia ramulosa</i>			
333.	41988 <i>Mirbelia</i> sp. <i>Bursarioides</i> (T.R. Lally 760)			
334.	17645 <i>Senna artemisioides</i>			
335.	12276 <i>Senna artemisioides</i> subsp. <i>filifolia</i>			
336.	18444 <i>Senna charlesiana</i>			
337.	12305 <i>Senna glutinosa</i> subsp. <i>chatelainiana</i>			
338.	12315 <i>Senna pleurocarpa</i> var. <i>angustifolia</i>			
339.	14579 <i>Senna</i> sp. <i>Austin</i> (A. Strid 20210)			
340.	12355 <i>Swainsona affinis</i>			
341.	4226 <i>Swainsona elegans</i>			
342.	13586 <i>Swainsona paucifoliolata</i>			
343.	13589 <i>Swainsona perlonga</i>			
344.	12357 <i>Swainsona purpurea</i>			
345.	4243 <i>Swainsona rostellata</i>			
346.	4257 <i>Templetonia smithiana</i>			
Frankeniaceae				
347.	5190 <i>Frankenia bracteata</i> (Broad Bract Frankenia)		P1	
348.	5194 <i>Frankenia cordata</i> (Heart Leaved Frankenia)			
349.	5209 <i>Frankenia pauciflora</i> (Seaheath)			
350.	12831 <i>Frankenia pulverulenta</i>	Y		
351.	5212 <i>Frankenia setosa</i> (Bristly Frankenia)			
Geraniaceae				
352.	4333 <i>Erodium cicutarium</i> (Common Storksbill)	Y		
353.	4335 <i>Erodium cygnorum</i> (Blue Heronsbill)			
Goodeniaceae				
354.	7413 <i>Brunonia australis</i> (Native Cornflower)			
355.	7438 <i>Dampiera eriocephala</i> (Woolly-headed Dampiera)			
356.	7451 <i>Dampiera lavandulacea</i>			
357.	7472 <i>Dampiera salahae</i>			
358.	7477 <i>Dampiera stenostachya</i> (Narrow-spiked Dampiera)			
359.	13158 <i>Dampiera tenuicaulis</i> var. <i>curvula</i>			
360.	7483 <i>Dampiera tomentosa</i> (Felted Dampiera)			
361.	7486 <i>Dampiera wellsiana</i> (Wells' Dampiera)			
362.	7495 <i>Goodenia berardiana</i>			
363.	7514 <i>Goodenia havilandii</i>			
364.	12523 <i>Goodenia helmsii</i>			
365.	12551 <i>Goodenia micrantha</i>			
366.	7527 <i>Goodenia mimuloides</i>			
367.	7531 <i>Goodenia occidentalis</i>			
368.	7534 <i>Goodenia pinifolia</i> (Pine-leaved Goodenia)			
369.	7535 <i>Goodenia pinnatifida</i> (Cutleaf Goodenia)			
370.	7557 <i>Goodenia trichophylla</i>			
371.	7565 <i>Goodenia xanthosperma</i> (Yellow-seeded Goodenia)			
372.	7583 <i>Lechenaultia macrantha</i> (Wreath Leschenaultia)			
373.	7615 <i>Scaevola hamiltonii</i>			
374.	7644 <i>Scaevola spinescens</i> (Currant Bush, Maroon)			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
375.	7656 <i>Velleia cynopotamica</i>			
376.	7658 <i>Velleia discophora</i> (Cabbage Poison)			
377.	7661 <i>Velleia hispida</i> (Hispid Velleia)			
378.	7664 <i>Velleia rosea</i> (Pink Velleia)			

Gyrostemonaceae

379.	2778 <i>Codonocarpus cotinifolius</i> (Native Poplar, Kundurangu)			
380.	2783 <i>Gyrostemon racemiger</i>			

Haloragaceae

381.	33620 <i>Glischrocaryon angustifolium</i>			
382.	6144 <i>Glischrocaryon flavescens</i>			
383.	6159 <i>Gonocarpus nodulosus</i>			
384.	6176 <i>Haloragis odontocarpa</i> (Mulga Nettle)			
385.	11370 <i>Haloragis odontocarpa forma octoforma</i>			
386.	16371 <i>Haloragis odontocarpa forma pterocarpa</i>			
387.	11440 <i>Haloragis odontocarpa forma rugosa</i>			
388.	6180 <i>Haloragis trigonocarpa</i>			

Hemerocallidaceae

389.	1259 <i>Dianella revoluta</i> (Blueberry Lily)			
390.	11636 <i>Dianella revoluta</i> var. <i>divaricata</i>			
391.	1260 <i>Stypandra glauca</i> (Blind Grass)			

Hypoxidaceae

392.	43764 <i>Pauridia glabella</i> var. <i>leptantha</i>			
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Juncaceae

393.	1178 <i>Juncus bufonius</i> (Toad Rush)	Y		
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Juncaginaceae

394.	33276 <i>Triglochin isingiana</i>			
395.	33221 <i>Triglochin longicarpa</i>			
396.	147 <i>Triglochin mucronata</i>			
397.	18587 <i>Triglochin nana</i>			
398.	19174 <i>Triglochin</i> sp. <i>A Flora of Australia</i> (G.J. Keighery 2477)			
399.	150 <i>Triglochin stowardii</i>			

Lamiaceae

400.	6747 <i>Cyanostegia angustifolia</i> (Tinsel-flower)			
401.	6751 <i>Cyanostegia microphylla</i> (Tinsel Flower)			
402.	41025 <i>Dasymalla terminalis</i> (Native Foxglove)			
403.	6760 <i>Dicrastylis fulva</i>			
404.	6765 <i>Dicrastylis linearifolia</i>		P3	
405.	18549 <i>Dicrastylis soliparma</i>			
406.	33756 <i>Hemigenia appressa</i>			
407.	33759 <i>Hemigenia benthamii</i>			
408.	33778 <i>Hemigenia botryphylla</i>			
409.	6845 <i>Hemigenia coccinea</i>			
410.	6850 <i>Hemigenia divaricata</i>			
411.	19388 <i>Hemigenia</i> sp. <i>Tallering</i> (H. Pringle 3323)		P1	
412.	17397 <i>Hemigenia</i> sp. <i>Yalgoo</i> (A.M. Ashby 2624)			
413.	33779 <i>Hemigenia tomentosa</i>			
414.	46414 <i>Hemigenia yalgensis</i>			
415.	17209 <i>Lachnostachys verbascifolia</i> var. <i>verbascifolia</i>			
416.	17643 <i>Microcorys</i> sp. <i>Mt Gibson</i> (S. Patrick 2098)			
417.	15822 <i>Prostanthera althoferi</i> subsp. <i>althoferi</i>			
418.	6912 <i>Prostanthera campbellii</i>			
419.	6915 <i>Prostanthera eckersleyana</i> (Crinkly Mintbush)			
420.	6919 <i>Prostanthera magnifica</i> (Magnificent Prostanthera)			
421.	6920 <i>Prostanthera patens</i>			
422.	6921 <i>Prostanthera pedicellata</i>		P1	Y
423.	41650 <i>Prostanthera prostantheroides</i>			
424.	11986 <i>Prostanthera semiteres</i> subsp. <i>intricata</i>			
425.	48603 <i>Teucrium teucriiflorum</i>			

Loganiaceae

426.	46222 <i>Orianthera biloba</i>			
427.	46313 <i>Orianthera flaviflora</i>			

Loranthaceae

428.	2383 <i>Amyema preissii</i> (Wireleaf Mistletoe)			
429.	2396 <i>Lysiana casuarinae</i>			

Malvaceae

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
430.	4889 <i>Abutilon cryptopetalum</i>			
431.	4902 <i>Abutilon oxycarpum</i> (Flannel Weed)			
432.	43020 <i>Abutilon oxycarpum</i> subsp. <i>Prostrate</i> (A.A. Mitchell PRP 1266)			
433.	4907 <i>Alyogyne pinoniana</i> (Sand Hibiscus)			
434.	40910 <i>Androcalva luteiflora</i> (Yellow-flowered Rulingia)			
435.	17725 <i>Hannafordia bissillii</i> subsp. <i>latifolia</i>			
436.	4951 <i>Lawrencia chrysoderma</i>			
437.	4954 <i>Lawrencia diffusa</i>			
438.	4959 <i>Lawrencia squamata</i>			
439.	4964 <i>Radyera farragei</i> (Knobby Hibiscus)			
440.	46818 <i>Seringia hermanniifolia</i> (Crinkle-leaved firebush)			
441.	46824 <i>Seringia velutina</i> (Velvet firebush)			
442.	4970 <i>Sida calyxhymenia</i> (Tall Sida)			
443.	31759 <i>Sida ectogama</i>			
444.	16929 <i>Sida phaeotricha</i>			
445.	19712 <i>Sida</i> sp. <i>dark green fruits</i> (S. van Leeuwen 2260)			
Marsileaceae				
446.	18631 <i>Marsilea costulifera</i>			
447.	74 <i>Marsilea drummondii</i> (Common Nardoo)			
Montiaceae				
448.	2853 <i>Calandrinia eremaea</i> (Twining Purslane)			
449.	2854 <i>Calandrinia granulifera</i> (Pygmy Purslane)			
450.	2855 <i>Calandrinia lehmannii</i>			
451.	2863 <i>Calandrinia primuliflora</i>			
452.	2867 <i>Calandrinia remota</i>			
Myrtaceae				
453.	19465 <i>Aluta aspera</i> subsp. <i>hesperia</i>			
454.	36061 <i>Baeckea</i> sp. <i>Dudawa</i> (M.E. Trudgen MET 5369)			
455.	36062 <i>Baeckea</i> sp. <i>Gutha</i> (B.L. Rye 239041 & M.E. Trudgen)			
456.	16815 <i>Baeckea</i> sp. <i>Mingenew</i> (M.E. Trudgen 12029)			
457.	14476 <i>Baeckea</i> sp. <i>Walkaway</i> (A.S. George 11249)		P3	
458.	5395 <i>Callistemon phoeniceus</i> (Lesser Bottlebrush, Dubarda)			
459.	5408 <i>Calothamnus gilesii</i>			
460.	5452 <i>Calytrix divergens</i>			
461.	5468 <i>Calytrix oldfieldii</i>			
462.	28241 <i>Calytrix</i> sp. <i>Paynes Find</i> (F. & J. Hort 1188)			
463.	5490 <i>Chamelaucium brevifolium</i>			
464.	35640 <i>Chamelaucium pauciflorum</i> subsp. <i>Perenjori</i> (B.J. Conn 2181)			
465.	14728 <i>Chamelaucium</i> sp. <i>Yalgoo</i> (Y. Chadwick 1816)		P1	
466.	34809 <i>Cheyniana microphylla</i> (Bush Pomegranate)			
467.	5506 <i>Darwinia capitellata</i>			
468.	16028 <i>Darwinia</i> sp. <i>Morawa</i> (C.A. Gardner 2662)		P3	
469.	20738 <i>Enekbatus dualis</i>		P1	
470.	19843 <i>Enekbatus sessilis</i>			
471.	14101 <i>Eremaea ebracteata</i> var. <i>brachyphylla</i>			
472.	5595 <i>Eucalyptus comitae-vallis</i> (Comet Vale Mallee)			
473.	5596 <i>Eucalyptus concinna</i> (Victoria Desert Mallee)			
474.	15804 <i>Eucalyptus dolichocera</i>			
475.	13550 <i>Eucalyptus ebbanoensis</i> subsp. <i>photina</i>		P4	
476.	5640 <i>Eucalyptus eudesmioides</i> (Malallie, Marlarti)			
477.	5641 <i>Eucalyptus ewartiana</i> (Ewart's Mallee)			
478.	18057 <i>Eucalyptus gypsophila</i>			
479.	5673 <i>Eucalyptus horistes</i>			
480.	5685 <i>Eucalyptus kochii</i> (Oil Mallee)			
481.	19523 <i>Eucalyptus kochii</i> subsp. <i>amaryssia</i>			
482.	20303 <i>Eucalyptus kochii</i> subsp. <i>borealis</i>			
483.	15670 <i>Eucalyptus kochii</i> subsp. <i>plenissima</i>			
484.	13057 <i>Eucalyptus leptopoda</i> subsp. <i>arctata</i>			
485.	5702 <i>Eucalyptus loxophleba</i> (York Gum, Dwoda)			
486.	13038 <i>Eucalyptus loxophleba</i> subsp. <i>supralaevis</i>			
487.	5725 <i>Eucalyptus oldfieldii</i> (Oldfield's Mallee)			
488.	5761 <i>Eucalyptus rigidula</i> (Stiff-leaved Mallee)			
489.	12882 <i>Eucalyptus subangusta</i> subsp. <i>pusilla</i>			
490.	5783 <i>Eucalyptus synandra</i> (Jingymia Mallee)		T	
491.	5806 <i>Homalocalyx aureus</i>			
492.	5815 <i>Homalocalyx thryptomenoides</i>			
493.	48656 <i>Hysterobaeckea setifera</i> subsp. <i>setifera</i>			
494.	5865 <i>Malleostemon roseus</i>			
495.	5866 <i>Malleostemon tuberculatus</i>			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
496.	37580 <i>Melaleuca acutifolia</i>			
497.	20284 <i>Melaleuca atroviridis</i>			
498.	18275 <i>Melaleuca barlowii</i>		P3	
499.	5896 <i>Melaleuca cordata</i>			
500.	5908 <i>Melaleuca eleuterostachya</i>			
501.	15603 <i>Melaleuca fulgens</i> subsp. <i>fulgens</i>			
502.	15602 <i>Melaleuca fulgens</i> subsp. <i>steadmanii</i>			
503.	19486 <i>Melaleuca hamata</i>			
504.	5925 <i>Melaleuca lateriflora</i> (Gorada)			
505.	5929 <i>Melaleuca leiocarpa</i>			
506.	18435 <i>Melaleuca longistaminea</i>			
507.	9183 <i>Melaleuca nematophylla</i> (Wiry Honey-myrtle)			
508.	5958 <i>Melaleuca radula</i> (Graceful Honeymyrtle)			
509.	19449 <i>Melaleuca stereophloia</i>			
510.	5972 <i>Melaleuca strobophylla</i>			
511.	13280 <i>Melaleuca viminea</i> subsp. <i>viminea</i>			
512.	37725 <i>Micromyrtus prochytes</i>			
513.	6000 <i>Micromyrtus racemosa</i>			
514.	6003 <i>Micromyrtus sulphurea</i>			
515.	14671 <i>Scholtzia</i> sp. Geraldton (F. Lullfitz L 3216)		P3	
516.	19696 <i>Thryptomene costata</i>			
517.	6053 <i>Thryptomene cuspidata</i>			
518.	6054 <i>Thryptomene decussata</i>			
519.	6067 <i>Thryptomene strongylophylla</i>			
520.	12394 <i>Verticordia auriculata</i>			
521.	12403 <i>Verticordia chrysostachys</i> var. <i>pallida</i>		P3	
522.	12436 <i>Verticordia interioris</i>			
523.	12443 <i>Verticordia monadelpha</i> var. <i>callitricha</i>			
524.	10822 <i>Verticordia nobilis</i>			
Orchidaceae				
525.	18029 <i>Caladenia remota</i> subsp. <i>parva</i>			
526.	15400 <i>Cyanicula amplexans</i>			
527.	16688 <i>Prasophyllum gracile</i>			
528.	18657 <i>Pterostylis</i> sp. inland (A.C. Beaglehole 11880)			
529.	20732 <i>Thelymitra petrophila</i>			
530.	1714 <i>Thelymitra sargentii</i> (Freckled Sun Orchid)			
Orobanchaceae				
531.	7089 <i>Parentucellia latifolia</i> (Common Bartsia)	Y		
Phrymaceae				
532.	7060 <i>Glossostigma diandrum</i>			
Phyllanthaceae				
533.	17626 <i>Phyllanthus erwinii</i>			
Pittosporaceae				
534.	3167 <i>Bursaria occidentalis</i>			
535.	31768 <i>Cheiranthra simplicifolia</i>			
Plantaginaceae				
536.	7297 <i>Plantago coronopus</i> (Buckshorn Plantain)	Y		
537.	7299 <i>Plantago debilis</i>			
Plumbaginaceae				
538.	6488 <i>Limonium lobatum</i>	Y		
Poaceae				
539.	184 <i>Aira caryophyllea</i> (Silvery Hairgrass)	Y		
540.	12025 <i>Amphipogon caricinus</i> var. <i>caricinus</i>			
541.	38501 <i>Anthosachne scabra</i>			
542.	207 <i>Aristida contorta</i> (Bunched Kerosene Grass)			
543.	12063 <i>Aristida holathera</i> var. <i>holathera</i>			
544.	17237 <i>Austrostipa elegantissima</i>			
545.	17246 <i>Austrostipa nitida</i>			
546.	19588 <i>Austrostipa nodosa</i>			
547.	17251 <i>Austrostipa scabra</i>			
548.	17254 <i>Austrostipa tenuifolia</i>			
549.	17255 <i>Austrostipa trichophylla</i>			
550.	17257 <i>Austrostipa variabilis</i>			
551.	234 <i>Avena fatua</i> (Wild Oat)	Y		
552.	8661 <i>Brachypodium distachyon</i> (False Brome)	Y		
553.	247 <i>Bromus arenarius</i> (Sand Brome)			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
554.	252 <i>Bromus madritensis</i> (Madrid Brome)	Y		
555.	253 <i>Bromus rubens</i> (Red Brome)	Y		
556.	279 <i>Cymbopogon ambiguus</i> (Scentgrass)			
557.	357 <i>Enneapogon caerulescens</i> (Limestone Grass)			
558.	378 <i>Eragrostis dielsii</i> (Mallee Lovegrass)			
559.	387 <i>Eragrostis lanipes</i> (Creeping Wanderrie)			
560.	392 <i>Eragrostis pergracilis</i>			
561.	417 <i>Eriachne pulchella</i> (Pretty Wanderrie)			
562.	16485 <i>Eriachne pulchella</i> subsp. <i>dominii</i>			
563.	16486 <i>Eriachne pulchella</i> subsp. <i>pulchella</i>			
564.	468 <i>Lamarckia aurea</i> (Goldentop)	Y		
565.	<i>Lolium</i> sp.			
566.	490 <i>Monachather paradoxus</i>			
567.	516 <i>Parapholis incurva</i> (Coast Barbgrass)	Y		
568.	10975 <i>Paspalidium basicladum</i>			
569.	40423 <i>Pentameris airoides</i> (False Hairgrass)	Y		
570.	551 <i>Phalaris minor</i> (Lesser Canary Grass)	Y		
571.	592 <i>Puccinellia stricta</i> (Marsh Grass)			
572.	10970 <i>Rostraria cristata</i>	Y		
573.	11151 <i>Rostraria pumila</i>	Y		
574.	674 <i>Thyridolepis mitchelliana</i> (Mulga Grass)			
575.	675 <i>Thyridolepis multiculmis</i> (Soft Wanderrie Grass)			
576.	678 <i>Tragus australianus</i> (Small Burrgrass)			
577.	17882 <i>Triodia danthonioides</i>			
578.	17878 <i>Triodia longipalea</i>			
579.	11018 <i>Vulpia muralis</i>	Y		
580.	<i>Vulpia</i> sp.			

Polygalaceae

581.	4555 <i>Comesperma integerrimum</i>			
582.	4566 <i>Comesperma volubile</i> (Love Creeper)			

Polygonaceae

583.	2412 <i>Muehlenbeckia adpressa</i> (Climbing Lignum)			
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Portulacaceae

584.	2884 <i>Portulaca oleracea</i> (Purslane, Wakati)			
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Proteaceae

585.	1804 <i>Banksia benthamiana</i>		P4	
586.	1956 <i>Grevillea argyrophylla</i> (Silvery-leaved Grevillea)			
587.	15763 <i>Grevillea biformis</i> subsp. <i>biformis</i>			
588.	1986 <i>Grevillea deflexa</i>			
589.	2001 <i>Grevillea eriostachya</i> (Flame Grevillea, Kaliny-kalinyapa)			
590.	2004 <i>Grevillea extorris</i>			
591.	2011 <i>Grevillea globosa</i>		P3	
592.	2013 <i>Grevillea granulosa</i>		P3	
593.	13430 <i>Grevillea hakeoides</i> subsp. <i>stenophylla</i>			
594.	15844 <i>Grevillea juncifolia</i> subsp. <i>temulenta</i>			
595.	16797 <i>Grevillea levis</i>			
596.	15984 <i>Grevillea obliquistigma</i> subsp. <i>funicularis</i>			
597.	15981 <i>Grevillea obliquistigma</i> subsp. <i>obliquistigma</i>			
598.	2056 <i>Grevillea paniculata</i>			
599.	2057 <i>Grevillea paradoxa</i> (Bottlebrush Grevillea)			
600.	2068 <i>Grevillea pityophylla</i>			
601.	2071 <i>Grevillea polybotrya</i>			
602.	2077 <i>Grevillea pterosperma</i>			
603.	2098 <i>Grevillea stenostachya</i>			
604.	2103 <i>Grevillea tenuiloba</i>		P3	
605.	13448 <i>Grevillea vestita</i> subsp. <i>isopogoides</i>			
606.	2163 <i>Hakea francisiana</i> (Emu Tree)			
607.	2167 <i>Hakea invaginata</i>			
608.	2182 <i>Hakea minyma</i>			
609.	2196 <i>Hakea preissii</i> (Needle Tree, Dandjin)			
610.	2198 <i>Hakea pycnoneura</i>			
611.	17556 <i>Hakea recurva</i> subsp. <i>arida</i>			
612.	17557 <i>Hakea recurva</i> subsp. <i>recurva</i>			
613.	31779 <i>Persoonia manotricha</i>			
614.	14569 <i>Persoonia pentasticha</i>		P3	
615.	2290 <i>Petrophile conifera</i>			
616.	14441 <i>Petrophile pauciflora</i>		P3	

Name ID	Species Name	Naturalised	Conservation Code	Endemic To Query Area
Pteridaceae				
617.	12796 <i>Cheilanthes adiantoides</i>			
618.	31 <i>Cheilanthes austrotenuifolia</i>			
619.	12818 <i>Cheilanthes sieberi</i> subsp. <i>sieberi</i>			
Rhamnaceae				
620.	15544 <i>Cryptandra apetala</i> var. <i>apetala</i>			
621.	14314 <i>Cryptandra imbricata</i>			
Rubiaceae				
622.	18256 <i>Opercularia spermacocea</i>			
623.	7363 <i>Synaptantha tillaeacea</i>			
Ruppiaceae				
624.	114 <i>Ruppia maritima</i> (Sea Tassel)			
625.	116 <i>Ruppia polycarpa</i>			
Rutaceae				
626.	4414 <i>Boronia cymosa</i> (Granite Boronia)			
627.	18537 <i>Philotheca brucei</i> subsp. <i>brucei</i>			
628.	18385 <i>Philotheca deserti</i> subsp. <i>deserti</i>			
629.	18513 <i>Philotheca glabra</i>			
630.	18508 <i>Philotheca sericea</i>			
631.	18506 <i>Philotheca tomentella</i>			
Santalaceae				
632.	10977 <i>Exocarpos aphyllus</i> (Leafless Ballart)			
633.	10765 <i>Exocarpos sparteus</i> (Broom Ballart, Djuk)			
Sapindaceae				
634.	4752 <i>Dodonaea adenophora</i>			
635.	4766 <i>Dodonaea inaequifolia</i>			
636.	4770 <i>Dodonaea microzyga</i>			
637.	4773 <i>Dodonaea petiolaris</i>			
638.	4782 <i>Dodonaea viscosa</i> (Sticky Hopbush)			
639.	11247 <i>Dodonaea viscosa</i> subsp. <i>angustissima</i>			
Scrophulariaceae				
640.	7189 <i>Eremophila clarkei</i> (Turpentine Bush)			
641.	17157 <i>Eremophila compacta</i> subsp. <i>compacta</i>			
642.	14895 <i>Eremophila decipiens</i> subsp. <i>decipiens</i>			
643.	14896 <i>Eremophila decipiens</i> subsp. <i>linearifolia</i>			
644.	7204 <i>Eremophila eriocalyx</i> (Desert Pride)			
645.	7208 <i>Eremophila forrestii</i> (Wilcox Bush)			
646.	15052 <i>Eremophila forrestii</i> subsp. <i>forrestii</i>			
647.	7215 <i>Eremophila glabra</i> (Tar Bush)			
648.	17174 <i>Eremophila glabra</i> subsp. <i>elegans</i>			
649.	14340 <i>Eremophila glabra</i> subsp. <i>glabra</i>			
650.	7219 <i>Eremophila granitica</i> (Thin-leaved Poverty Bush)			
651.	17189 <i>Eremophila hygrophana</i>			
652.	7230 <i>Eremophila latrobei</i> (Warty Fuchsia Bush, Mintjingka)			
653.	17576 <i>Eremophila latrobei</i> subsp. <i>latrobei</i>			
654.	15158 <i>Eremophila mackinlayi</i> subsp. <i>spathulata</i>			
655.	7242 <i>Eremophila miniata</i> (Kopi Poverty Bush)			
656.	17168 <i>Eremophila oldfieldii</i> subsp. <i>oldfieldii</i>			
657.	18570 <i>Eremophila oppositifolia</i> subsp. <i>angustifolia</i>			
658.	7250 <i>Eremophila pantonii</i>			
659.	48949 <i>Eremophila platycalyx</i> subsp. <i>Granites</i> (D.J. Edinger & G. Marsh DJE 4782)			
660.	48947 <i>Eremophila platycalyx</i> subsp. <i>Yalgoo</i> (A. Markey & S. Dillon 3337)		P3	
661.	7257 <i>Eremophila punicea</i> (Crimson Eremophila)			
662.	7269 <i>Eremophila serrulata</i> (Serrate-leaved Eremophila)			
663.	7282 <i>Eremophila viscida</i> (Varnish Bush)			T
664.	7113 <i>Zaluzianskya divaricata</i> (Spreading Night Phlox)	Y		
Solanaceae				
665.	6952 <i>Anthotroche pannosa</i> (Felted Anthotroche)			
666.	6953 <i>Anthotroche walcottii</i>			
667.	6966 <i>Duboisia hopwoodii</i> (Pituri, Kundugu)			
668.	6976 <i>Nicotiana occidentalis</i> (Native Tobacco)			
669.	11331 <i>Nicotiana occidentalis</i> subsp. <i>obliqua</i>			
670.	6978 <i>Nicotiana rotundifolia</i> (Round-leaved Tobacco)			
671.	6998 <i>Solanum cleistogamum</i>			
672.	7018 <i>Solanum lasiophyllum</i> (Flannel Bush, Mindjulu)			
673.	7023 <i>Solanum nummularium</i> (Money-leaved Solanum)			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
674.	7025 <i>Solanum oldfieldii</i>			
675.	11241 <i>Solanum orbiculatum</i> subsp. <i>orbiculatum</i> (Round-leaved Solanum)			
Stylidiaceae				
676.	7671 <i>Levenhookia leptantha</i> (Trumpet Stylewort)			
677.	7704 <i>Stylidium confluens</i>			
678.	7751 <i>Stylidium limbatum</i> (Fringed-leaved Triggerplant)			
679.	7754 <i>Stylidium longibracteatum</i> (Long-bracted Trigger Plant)			
680.	7770 <i>Stylidium pendulum</i>		P1	
681.	18417 <i>Stylidium warriedarensense</i>			
Surianaceae				
682.	3181 <i>Stylobasium australe</i>			
Thymelaeaceae				
683.	5231 <i>Pimelea angustifolia</i> (Narrow-leaved Pimelea)			
684.	11402 <i>Pimelea imbricata</i> var. <i>piliger</i>			
685.	5256 <i>Pimelea microcephala</i> (Shrubby Riceflower, Banjine)			
686.	11185 <i>Pimelea microcephala</i> subsp. <i>microcephala</i>			
Urticaceae				
687.	1762 <i>Parietaria debilis</i> (Pellitory)			
Zygophyllaceae				
688.	48901 <i>Roepera similis</i>			

Conservation Codes
T - Rare or likely to become extinct
X - Presumed extinct
IA - Protected under international agreement
S - Other specially protected fauna
1 - Priority 1
2 - Priority 2
3 - Priority 3
4 - Priority 4
5 - Priority 5

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

Yogi Pipeline_Fauna

Created By Guest user on 21/01/2019

Kingdom Animalia
Current Names Only Yes
Core Datasets Only Yes
Method 'By Circle'
Centre 116° 32' 37" E, 28° 23' 13" S
Buffer 40km
Group By Family

Family	Species	Records
Acanthizidae	10	291
Accipitridae	6	53
Actinopodidae	2	3
Aegothelidae	1	7
Agamidae	12	65
Anatidae	11	52
Apodidae	1	1
Ardeidae	3	18
Artamidae	3	42
Barychelidae	1	1
Boidae	2	2
Bufonidae	1	7
Burhinidae	1	5
Buthidae	1	3
Cacatuidae	2	34
Campephagidae	4	52
Caprimulgidae	1	9
Carphodactylidae	1	4
Casuariidae	1	41
Charadriidae	5	44
Cinclosomatidae	3	35
Climacteridae	1	3
Columbidae	4	94
Corvidae	3	86
Cracticidae	3	145
Cuculidae	3	18
Dasyuridae	4	8
Dicaeidae	1	7
Dicruridae	3	163
Diplodactylidae	8	90
Elapidae	12	44
Emballonuridae	1	16
Estrilidae	1	41
Falconidae	5	71
Gekkonidae	3	106
Halcyonidae	1	7
Hersiliidae	1	1
Hirundinidae	4	93
Hylidae	1	3
Idiopidae	2	14
Lamponidae	1	1
Leporidae	1	5
Limnodynastidae	4	42
Lycosidae	4	6
Macropodidae	2	6
Maluridae	6	105
Megapodiidae	1	19
Meliphagidae	10	241
Meropidae	1	2
Muridae	3	38
Myobatrachidae	2	24
Nemesiidae	2	2
Neosittidae	2	5
Nicodamidae	1	2
Otididae	1	10
Pachycephalidae	7	146
Pardalotidae	2	6
Petroicidae	3	82
Phalacrocoracidae	1	1
Phalangeridae	1	1
Podargidae	1	4
Podicipedidae	3	20
Pomatostomidae	2	69
Psittacidae	9	75
Ptilonorhynchidae	1	14
Pygopodidae	4	9
Rallidae	3	15
Recurvirostridae	3	5
Scincidae	18	166
Scolopacidae	3	3
Scolopendridae	5	22
Scutigeridae	1	1
Sparassidae	3	5
Sylviidae	1	1
Threskiornithidae	2	10

Turnicidae	1	1
Tytonidae	1	1
Urodacidae	3	78
Varanidae	5	12
Vespertilionidae	4	52
Zodariidae	1	1
Zosteropidae	1	2
TOTAL	263	3089

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
Acanthizidae				
1.	24260 <i>Acanthiza apicalis</i> (Broad-tailed Thornbill, Inland Thornbill)			
2.	24261 <i>Acanthiza chrysorrhoa</i> (Yellow-rumped Thornbill)			
3.	24264 <i>Acanthiza robustirostris</i> (Slaty-backed Thornbill)			
4.	24265 <i>Acanthiza uropygialis</i> (Chestnut-rumped Thornbill)			
5.	25528 <i>Aphelocephala leucopsis</i> (Southern Whiteface)			
6.	24266 <i>Aphelocephala leucopsis</i> subsp. <i>castaneiventris</i> (Southern Whiteface)			
7.	25530 <i>Gerygone fusca</i> (Western Gerygone)			
8.	24278 <i>Pyrrholaemus brunneus</i> (Redthroat)			
9.	25534 <i>Sericornis frontalis</i> (White-browed Scrubwren)			
10.	30948 <i>Smicromis brevirostris</i> (Weebill)			
Accipitridae				
11.	25535 <i>Accipiter cirrocephalus</i> (Collared Sparrowhawk)			
12.	25536 <i>Accipiter fasciatus</i> (Brown Goshawk)			
13.	24285 <i>Aquila audax</i> (Wedge-tailed Eagle)			
14.	<i>Elanus axillaris</i>			
15.	24290 <i>Elanus caeruleus</i> subsp. <i>axillaris</i> (Australian Black-shouldered Kite)			
16.	24295 <i>Haliastur sphenurus</i> (Whistling Kite)			
Actinopodidae				
17.	<i>Missulena granulosa</i>			
18.	<i>Missulena occatoria</i>			
Aegothelidae				
19.	25544 <i>Aegotheles cristatus</i> (Australian Owlet-nightjar)			
Agamidae				
20.	30833 <i>Amphibolurus longirostris</i> (Long-nosed Dragon)			
21.	25460 <i>Ctenophorus maculatus</i> (Spotted Military Dragon)			
22.	24882 <i>Ctenophorus nuchalis</i> (Central Netted Dragon)			
23.	24883 <i>Ctenophorus ornatus</i> (Ornate Crevice-Dragon)			
24.	24886 <i>Ctenophorus reticulatus</i> (Western Netted Dragon)			
25.	24888 <i>Ctenophorus salinarum</i> (Salt Pan Dragon)			
26.	24889 <i>Ctenophorus scutulatus</i> (Lozenge-marked Dragon)			
27.	30909 <i>Diporiphora amphiboluroides</i> (Mulga Dragon)			
28.	24904 <i>Moloch horridus</i> (Thorny Devil)			
29.	25510 <i>Pogona minor</i> (Dwarf Bearded Dragon)			
30.	24907 <i>Pogona minor</i> subsp. <i>minor</i> (Dwarf Bearded Dragon)			
31.	30814 <i>Tympanocryptis cephalus</i> (Pebble Dragon)			
Anatidae				
32.	24310 <i>Anas castanea</i> (Chestnut Teal)			
33.	24312 <i>Anas gracilis</i> (Grey Teal)			
34.	24315 <i>Anas rhynchotis</i> (Australasian Shoveler)			
35.	24316 <i>Anas superciliosa</i> (Pacific Black Duck)			
36.	24318 <i>Aythya australis</i> (Hardhead)			
37.	24319 <i>Biziura lobata</i> (Musk Duck)			
38.	24321 <i>Chenonetta jubata</i> (Australian Wood Duck, Wood Duck)			
39.	24322 <i>Cygnus atratus</i> (Black Swan)			
40.	24326 <i>Malacorhynchus membranaceus</i> (Pink-eared Duck)			
41.	24328 <i>Oxyura australis</i> (Blue-billed Duck)			P4
42.	24331 <i>Tadorna tadornoides</i> (Australian Shelduck, Mountain Duck)			
Apodidae				
43.	25554 <i>Apus pacificus</i> (Fork-tailed Swift, Pacific Swift)			IA
Ardeidae				
44.	41324 <i>Ardea modesta</i> (great egret, white egret)			
45.	24341 <i>Ardea pacifica</i> (White-necked Heron)			
46.	<i>Egretta novaehollandiae</i>			
Artamidae				
47.	25566 <i>Artamus cinereus</i> (Black-faced Woodswallow)			
48.	24352 <i>Artamus cinereus</i> subsp. <i>melanops</i> (Black-faced Woodswallow)			
49.	24356 <i>Artamus personatus</i> (Masked Woodswallow)			
Barychelidae				
50.	<i>Idiommata blackwalli</i>			
Boidae				
51.	25318 <i>Antaresia perthensis</i> (Pygmy Python)			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
52.	25240 <i>Morelia spilota subsp. imbricata</i> (Carpet Python)			
Bufonidae				
53.	42306 <i>Platyplectrum spenceri</i> (Centralian Burrowing Frog)			
Burhinidae				
54.	24359 <i>Burhinus grallarius</i> (Bush Stone-curlew)			
Buthidae				
55.	<i>Isometroides vescus</i>			
Cacatuidae				
56.	<i>Eolophus roseicapillus</i>			
57.	<i>Lophochroa leadbeateri</i>			
Campephagidae				
58.	24361 <i>Coracina maxima</i> (Ground Cuckoo-shrike)			
59.	25568 <i>Coracina novaehollandiae</i> (Black-faced Cuckoo-shrike)			
60.	24362 <i>Coracina novaehollandiae subsp. novaehollandiae</i> (Black-faced Cuckoo-shrike)			
61.	24367 <i>Lalage tricolor</i> (White-winged Triller)			
Caprimulgidae				
62.	24368 <i>Eurostopodus argus</i> (Spotted Nightjar)			
Carphodactylidae				
63.	24971 <i>Nephrurus vertebralis</i>			
Casuariidae				
64.	24470 <i>Dromaius novaehollandiae</i> (Emu)			
Charadriidae				
65.	24377 <i>Charadrius ruficapillus</i> (Red-capped Plover)			
66.	47937 <i>Eiseyornis melanops</i> (Black-fronted Dotterel)			
67.	24379 <i>Erythronyx cinctus</i> (Red-kneed Dotterel)			
68.	24380 <i>Peltohyas australis</i> (Inland Dotterel)			
69.	24386 <i>Vanellus tricolor</i> (Banded Lapwing)			
Cinclosomatidae				
70.	25580 <i>Cinclosoma castaneothorax</i> (Chestnut-breasted Quail-thrush)			
71.	42311 <i>Cinclosoma marginatum</i> (Western Quail-thrush)			
72.	24390 <i>Psophodes occidentalis</i> (Western Wedgebill, Chiming Wedgebill)			
Climacteridae				
73.	24393 <i>Climacteris affinis subsp. superciliosa</i> (White-browed Treecreeper)			
Columbidae				
74.	24401 <i>Geopelia cuneata</i> (Diamond Dove)			
75.	24407 <i>Ocyphaps lophotes</i> (Crested Pigeon)			
76.	24409 <i>Phaps chalcoptera</i> (Common Bronzewing)			
77.	25590 <i>Streptopelia senegalensis</i> (Laughing Turtle-Dove)	Y		
Corvidae				
78.	24416 <i>Corvus bennetti</i> (Little Crow)			
79.	25592 <i>Corvus coronoides</i> (Australian Raven)			
80.	25593 <i>Corvus orru</i> (Torresian Crow)			
Cracticidae				
81.	24420 <i>Cracticus nigrogularis</i> (Pied Butcherbird)			
82.	25595 <i>Cracticus tibicen</i> (Australian Magpie)			
83.	25596 <i>Cracticus torquatus</i> (Grey Butcherbird)			
Cuculidae				
84.	42307 <i>Cacomantis pallidus</i> (Pallid Cuckoo)			
85.	24431 <i>Chrysococcyx basalis</i> (Horsfield's Bronze Cuckoo)			
86.	24434 <i>Chrysococcyx osculans</i> (Black-eared Cuckoo)			
Dasyuridae				
87.	24106 <i>Pseudantechinus woolleyae</i> (Woolley's Pseudantechinus)			
88.	24108 <i>Sminthopsis crassicaudata</i> (Fat-tailed Dunnart)			
89.	24109 <i>Sminthopsis dolichura</i> (Little long-tailed Dunnart)			
90.	24116 <i>Sminthopsis macroura</i> (Stripe-faced Dunnart)			
Dicaeidae				
91.	25607 <i>Dicaeum hirundinaceum</i> (Mistletoebird)			
Dicruridae				
92.	24443 <i>Grallina cyanoleuca</i> (Magpie-lark)			
93.	48096 <i>Rhipidura albiscapa</i> (Grey Fantail)			
94.	25614 <i>Rhipidura leucophrys</i> (Willie Wagtail)			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
Diplodactylidae				
95.	24940 <i>Diplodactylus pulcher</i>			
96.	42414 <i>Lucasium alboguttatum</i>			
97.	42415 <i>Lucasium squarrosum</i>			
98.	24976 <i>Oedura marmorata</i> (Marbled Velvet Gecko)			
99.	24982 <i>Rhynchoedura ornata</i> (Western Beaked Gecko)			
100.	24923 <i>Strophurus assimilis</i> (Goldfields Spiny-tailed Gecko)			
101.	25518 <i>Strophurus spinigerus</i>			
102.	24946 <i>Strophurus strophurus</i>			
Elapidae				
103.	25243 <i>Acanthophis pyrrhus</i> (Desert Death Adder)			
104.	25331 <i>Brachyuropis approximans</i> (North-western Shovel-nosed Snake)			
105.	42381 <i>Brachyuropis semifasciatus</i> (Southern Shovel-nosed Snake)			
106.	25296 <i>Demansia psammophis</i> subsp. <i>reticulata</i> (Yellow-faced Whipsnake)			
107.	25301 <i>Furina ornata</i> (Moon Snake)			
108.	25254 <i>Parasuta monachus</i>			
109.	25261 <i>Pseudechis australis</i> (Mulga Snake)			
110.	25262 <i>Pseudechis butleri</i> (Spotted Mulga Snake)			
111.	42416 <i>Pseudonaja mengdeni</i> (Western Brown Snake)			
112.	25263 <i>Pseudonaja modesta</i> (Ringed Brown Snake)			
113.	25266 <i>Simoselaps bertholdi</i> (Jan's Banded Snake)			
114.	25269 <i>Suta fasciata</i> (Rosen's Snake)			
Emballonuridae				
115.	24176 <i>Taphozous hilli</i> (Hill's Sheath-tail-bat)			
Estrilidae				
116.	30870 <i>Taeniopygia guttata</i> (Zebra Finch)			
Falconidae				
117.	25621 <i>Falco berigora</i> (Brown Falcon)			
118.	25622 <i>Falco cenchroides</i> (Australian Kestrel, Nankeen Kestrel)			
119.	24472 <i>Falco cenchroides</i> subsp. <i>cenchroides</i> (Australian Kestrel, Nankeen Kestrel)			
120.	25623 <i>Falco longipennis</i> (Australian Hobby)			
121.	25624 <i>Falco peregrinus</i> (Peregrine Falcon)		S	
Gekkonidae				
122.	24958 <i>Gehyra punctata</i>			
123.	24959 <i>Gehyra variegata</i>			
124.	24961 <i>Heteronotia binoei</i> (Bynoe's Gecko)			
Halcyonidae				
125.	42351 <i>Todiramphus pyrrhopygius</i> (Red-backed Kingfisher)			
Hersiliidae				
126.	<i>Tamopsis depressa</i>			
Hirundinidae				
127.	47909 <i>Cheramoeca leucosterna</i> (White-backed Swallow)			
128.	24491 <i>Hirundo neoxena</i> (Welcome Swallow)			
129.	48060 <i>Petrochelidon ariel</i> (Fairy Martin)			
130.	48061 <i>Petrochelidon nigricans</i> (Tree Martin)			
Hylidae				
131.	25376 <i>Cyclorana platycephala</i> (Water-holding Frog)			
Idiopidae				
132.	<i>Anidiops villosus</i>			
133.	33917 <i>Idiosoma nigrum</i> (Shield-backed Trapdoor Spider)			T
Lamponidae				
134.	<i>Asadipus phaleratus</i>			
Leporidae				
135.	24085 <i>Oryctolagus cuniculus</i> (Rabbit)		Y	
Limnodynastidae				
136.	25425 <i>Neobatrachus kunapalari</i> (Kunapalari Frog)			
137.	25426 <i>Neobatrachus pelobatoides</i> (Humming Frog)			
138.	25427 <i>Neobatrachus sutor</i> (Shoemaker Frog)			
139.	25428 <i>Neobatrachus wilmorei</i> (Plonking Frog)			
Lycosidae				
140.	<i>Hoggicosa castanea</i>			
141.	<i>Hoggicosa storri</i>			
142.	<i>Lycosa australicola</i>			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
143.	<i>Venator yalkara</i>			
Macropodidae				
144.	24135 <i>Macropus robustus</i> subsp. <i>erubescens</i> (Euro, Biggada)			
145.	24136 <i>Macropus rufus</i> (Red Kangaroo, Marlu)			
Maluridae				
146.	24541 <i>Amytornis textilis</i> subsp. <i>textilis</i> (Western Grasswren, Thick-billed Grasswren (western))		P4	
147.	25651 <i>Malurus lamberti</i> (Variegated Fairy-wren)			
148.	24544 <i>Malurus lamberti</i> subsp. <i>assimilis</i> (Variegated Fairy-wren)			
149.	25652 <i>Malurus leucopterus</i> (White-winged Fairy-wren)			
150.	24549 <i>Malurus leucopterus</i> subsp. <i>leuconotus</i> (White-winged Fairy-wren)			
151.	25654 <i>Malurus splendens</i> (Splendid Fairy-wren)			
Megapodiidae				
152.	24557 <i>Leipoa ocellata</i> (Malleefowl)		T	
Meliphagidae				
153.	24559 <i>Acanthagenys rufogularis</i> (Spiny-cheeked Honeyeater)			
154.	24561 <i>Anthochaera carunculata</i> (Red Wattlebird)			
155.	24564 <i>Certhionyx variegatus</i> (Pied Honeyeater)			
156.	24567 <i>Epthianura albifrons</i> (White-fronted Chat)			
157.	24570 <i>Epthianura tricolor</i> (Crimson Chat)			
158.	42314 <i>Gavicalis virescens</i> (Singing Honeyeater)			
159.	24572 <i>Lacustroica whitei</i> (Grey Honeyeater)			
160.	25661 <i>Lichmera indistincta</i> (Brown Honeyeater)			
161.	24583 <i>Manorina flavigula</i> (Yellow-throated Miner)			
162.	42344 <i>Purnella albifrons</i> (White-fronted Honeyeater)			
Meropidae				
163.	24598 <i>Merops ornatus</i> (Rainbow Bee-eater)			
Muridae				
164.	24223 <i>Mus musculus</i> (House Mouse)	Y		
165.	24224 <i>Notomys alexis</i> (Spinifex Hopping-mouse)			
166.	24237 <i>Pseudomys hermannsburgensis</i> (Sandy Inland Mouse)			
Myobatrachidae				
167.	25433 <i>Pseudophryne guentheri</i> (Crawling Toadlet)			
168.	25434 <i>Pseudophryne occidentalis</i> (Western Toadlet)			
Nemesiidae				
169.	<i>Aname armigera</i>			
170.	<i>Aname mainae</i>			
Neosittidae				
171.	25673 <i>Daphoenositta chrysoptera</i> (Varied Sittella)			
172.	24606 <i>Daphoenositta chrysoptera</i> subsp. <i>pileata</i> (Varied Sittella, Black-capped Sittella)			
Nicodamidae				
173.	<i>Nicodamus mainae</i>			
Otididae				
174.	24610 <i>Ardeotis australis</i> (Australian Bustard)			
Pachycephalidae				
175.	25675 <i>Colluricincla harmonica</i> (Grey Shrike-thrush)			
176.	24613 <i>Colluricincla harmonica</i> subsp. <i>rufiventris</i> (Grey Shrike-thrush)			
177.	24618 <i>Oreoica gutturalis</i> (Crested Bellbird)			
178.	34011 <i>Oreoica gutturalis</i> subsp. <i>gutturalis</i> (Crested Bellbird (southern))			
179.	24619 <i>Pachycephala inornata</i> (Gilbert's Whistler)			
180.	25680 <i>Pachycephala rufiventris</i> (Rufous Whistler)			
181.	24624 <i>Pachycephala rufiventris</i> subsp. <i>rufiventris</i> (Rufous Whistler)			
Pardalotidae				
182.	25682 <i>Pardalotus striatus</i> (Striated Pardalote)			
183.	24630 <i>Pardalotus striatus</i> subsp. <i>westraliensis</i> (Striated Pardalote)			
Petroicidae				
184.	47997 <i>Melanodryas cucullata</i> (Hooded Robin)			
185.	25693 <i>Microeca fascinans</i> (Jacky Winter)			
186.	24659 <i>Petroica goodenovii</i> (Red-capped Robin)			
Phalacrocoracidae				
187.	24668 <i>Phalacrocorax varius</i> subsp. <i>hypoleucos</i> (Pied Cormorant)			
Phalangeridae				

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
188.	24158 <i>Trichosurus vulpecula</i> subsp. <i>vulpecula</i> (Common Brushtail Possum)			
Podargidae				
189.	25703 <i>Podargus strigoides</i> (Tawny Frogmouth)			
Podicipedidae				
190.	25704 <i>Podiceps cristatus</i> (Great Crested Grebe)			
191.	24681 <i>Poliiocephalus poliocephalus</i> (Hoary-headed Grebe)			
192.	25705 <i>Tachybaptus novaehollandiae</i> (Australasian Grebe, Black-throated Grebe)			
Pomatostomidae				
193.	24683 <i>Pomatostomus superciliosus</i> (White-browed Babbler)			
194.	25706 <i>Pomatostomus temporalis</i> (Grey-crowned Babbler)			
Psittacidae				
195.	<i>Barnardius zonarius</i>			
196.	24722 <i>Cacatua leadbeateri</i> (Major Mitchell's Cockatoo)			
197.	25716 <i>Cacatua sanguinea</i> (Little Corella)			
198.	25717 <i>Calyptorhynchus banksii</i> (Red-tailed Black-Cockatoo)			
199.	24732 <i>Calyptorhynchus banksii</i> subsp. <i>samueli</i> (Red-tailed Black-Cockatoo)			
200.	24736 <i>Melopsittacus undulatus</i> (Budgerigar)			
201.	<i>Neopsephotus bourkii</i>			
202.	24742 <i>Nymphicus hollandicus</i> (Cockatiel)			
203.	24748 <i>Platycercus varius</i> (Mulga Parrot)			
Ptilonorhynchidae				
204.	<i>Ptilonorhynchus guttatus</i>			
Pygopodidae				
205.	24995 <i>Delma australis</i>			
206.	25004 <i>Delma tincta</i>			
207.	25005 <i>Lialis burtonis</i>			
208.	25009 <i>Pygopus nigriceps</i>			
Rallidae				
209.	25727 <i>Fulica atra</i> (Eurasian Coot)			
210.	24769 <i>Porzana fluminea</i> (Australian Spotted Crane)			
211.	48141 <i>Tribonyx ventralis</i> (Black-tailed Native-hen)			
Recurvirostridae				
212.	24774 <i>Cladorhynchus leucocephalus</i> (Banded Stilt)			
213.	25734 <i>Himantopus himantopus</i> (Black-winged Stilt)			
214.	24776 <i>Recurvirostra novaehollandiae</i> (Red-necked Avocet)			
Scincidae				
215.	25052 <i>Ctenotus leonhardii</i>			
216.	25054 <i>Ctenotus mimetes</i>			
217.	25463 <i>Ctenotus pantherinus</i> (Leopard Ctenotus)			
218.	25074 <i>Ctenotus schomburgkii</i>			
219.	25075 <i>Ctenotus severus</i>			
220.	25080 <i>Ctenotus uber</i> subsp. <i>uber</i> (Spotted Ctenotus)			
221.	25092 <i>Egernia depressa</i> (Southern Pygmy Spiny-tailed Skink)			
222.	25094 <i>Egernia formosa</i>			
223.	25472 <i>Egernia stokesii</i> (Spiny-tailed Skink, Gidgee Skink)			
224.	25107 <i>Egernia stokesii</i> subsp. <i>badia</i> (Western Spiny-tailed Skink, Gidgee Skink)			T
225.	25109 <i>Eremiascincus richardsonii</i> (Broad-banded Sand Swimmer)			
226.	25137 <i>Lerista gerrardii</i>			
227.	<i>Lerista kingi</i>			
228.	25157 <i>Lerista nicholli</i>			
229.	42411 <i>Lerista timida</i>			
230.	41411 <i>Liopholis inornata</i> (Desert Skink)			
231.	25184 <i>Menetia greyii</i>			
232.	25190 <i>Morethia butleri</i>			
Scolopacidae				
233.	41323 <i>Actitis hypoleucos</i> (Common Sandpiper)		IA	
234.	24779 <i>Calidris acuminata</i> (Sharp-tailed Sandpiper)		IA	
235.	24808 <i>Tringa nebularia</i> (Common Greenshank, greenshank)		IA	
Scolopendridae				
236.	<i>Cormocephalus bungalbinensis</i>			
237.	<i>Cormocephalus turneri</i>			
238.	<i>Ethmostigmus rubripes</i>			
239.	<i>Scolopendra laeta</i>			
240.	<i>Scolopendra morsitans</i>			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
Scutigeridae				
241.	<i>Thereuopoda lesueurii</i>			
Sparassidae				
242.	<i>Holconia nigrigularis</i>			
243.	<i>Isopedella maculosa</i>			
244.	<i>Isopedella saundersi</i>			
Sylviidae				
245.	25755 <i>Acrocephalus australis</i> (Australian Reed Warbler)			
Threskiornithidae				
246.	24841 <i>Platalea flavipes</i> (Yellow-billed Spoonbill)			
247.	24845 <i>Threskiornis spinicollis</i> (Straw-necked Ibis)			
Turnicidae				
248.	24851 <i>Turnix velox</i> (Little Button-quail)			
Tytonidae				
249.	24852 <i>Tyto alba</i> subsp. <i>delicatula</i> (Barn Owl)			
Urodacidae				
250.	<i>Urodacus hoplurus</i>			
251.	<i>Urodacus novaehollandiae</i>			
252.	<i>Urodacus yaschenkoi</i>			
Varanidae				
253.	25211 <i>Varanus caudolineatus</i>			
254.	25216 <i>Varanus giganteus</i> (Perentie)			
255.	25218 <i>Varanus gouldii</i> (Bungarra or Sand Monitor)			
256.	25524 <i>Varanus panoptes</i> (Yellow-spotted Monitor)			
257.	25223 <i>Varanus panoptes</i> subsp. <i>rubidus</i>			
Vespertilionidae				
258.	24186 <i>Chalinolobus gouldii</i> (Gould's Wattled Bat)			
259.	24187 <i>Chalinolobus morio</i> (Chocolate Wattled Bat)			
260.	24205 <i>Vespadelus finlaysoni</i> (Finlayson's Cave Bat)			
261.	<i>Vespadelus</i> sp.			
Zodariidae				
262.	<i>Masasteron complector</i>			
Zosteropidae				
263.	25765 <i>Zosterops lateralis</i> (Grey-breasted White-eye, Silveryeye)			

Conservation Codes
T - Rare or likely to become extinct
X - Presumed extinct
IA - Protected under international agreement
S - Other specially protected fauna
1 - Priority 1
2 - Priority 2
3 - Priority 3
4 - Priority 4
5 - Priority 5

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

Yogi Pipeline_Fauna

Created By Guest user on 21/01/2019

Kingdom Animalia
Current Names Only Yes
Core Datasets Only Yes
Method 'By Circle'
Centre 116° 04' 04" E, 28° 27' 21" S
Buffer 40km
Group By Family

Family	Species	Records
Acanthizidae	11	171
Accipitridae	3	23
Actinopodidae	2	3
Aegothelidae	1	7
Aeshnidae	1	1
Agamidae	7	14
Anatidae	8	19
Araneidae	1	3
Ardeidae	3	12
Artamidae	3	25
Brachionidae	3	3
Branchipodidae	1	1
Burhinidae	1	2
Buthidae	1	1
Cacatuidae	2	30
Campephagidae	3	36
Caprimulgidae	1	6
Casuariidae	1	22
Centropagidae	2	3
Ceratopogonidae	3	4
Charadriidae	4	24
Chironomidae	11	16
Chydoridae	2	2
Cinclosomatidae	2	6
Coenagrionidae	1	1
Columbidae	3	57
Corduliidae	1	2
Corixidae	4	6
Corvidae	3	51
Cracticidae	4	90
Cuculidae	3	7
Culicidae	1	1
Cyclopidae	7	8
Cypridae	3	5
Cypridopsidae	1	1
Cyzicidae	1	1
Daphniidae	1	2
Dasyuridae	3	9
Dicaeidae	1	4
Dicruridae	3	88
Diplodactylidae	7	58
Dolichopodidae	2	3
Dytiscidae	10	16
Elapidae	10	31
Emballonuridae	1	16
Enchytraeidae	1	2
Ephydriidae	1	1
Estrilidae	1	30
Euchlanidae	1	1
Eylidae	1	1
Falconidae	2	45
Gekkonidae	3	56
Halcyonidae	1	5
Halipidae	1	1
Hexarthridae	2	3
Hirundinidae	4	55
Hydrachnidae	1	1
Hydrophilidae	3	4
Hylidae	1	1
Idiopidae	1	1
Lecanidae	4	4
Lepadellidae	1	1
Leporidae	1	5
Leptoceridae	2	4
Lestidae	2	2
Limnadiidae	1	2
Limnichidae	1	1
Limnodynastidae	3	29
Lycosidae	6	8
Lyncaeiidae	1	2
Macropodidae	2	17
Macrotrichidae	1	1
Maluridae	4	61
Megapodiidae	1	28
Meliphagidae	10	136

Meropidae	1	3
Monoscutidae	1	1
Motacillidae	1	4
Muridae	3	13
Myobatrachidae	2	7
Nematoda	1	1
Nemesiidae	2	3
Neosittidae	1	2
Neotrichidae	1	1
Notommatidae	1	1
Notonectidae	3	4
Otididae	1	7
Pachycephalidae	6	98
Pardalotidae	2	8
Petroicidae	2	44
Podargidae	1	4
Podicipedidae	3	7
Pomatostomidae	2	39
Psittacidae	9	68
Ptilonorhynchidae	1	13
Pygopodidae	1	1
Rallidae	1	3
Recurvirostridae	2	2
Scincidae	11	62
Scirtidae	1	1
Scolopacidae	2	2
Scolopendridae	5	16
Sparassidae	2	2
Staphylinidae	1	2
Synchaetidae	1	2
Thamnocephalidae	1	2
Threskiornithidae	2	7
Trichocercidae	3	3
Turbellaria	1	1
Turnicidae	1	1
Tytonidae	1	1
Urodacidae	3	71
Varanidae	1	3
Zodariidae	1	1
Zosteropidae	1	1
TOTAL	297	1911

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
Acanthizidae				
1.	24260 <i>Acanthiza apicalis</i> (Broad-tailed Thornbill, Inland Thornbill)			
2.	24261 <i>Acanthiza chrysorrhoa</i> (Yellow-rumped Thornbill)			
3.	24263 <i>Acanthiza iredalei</i> subsp. <i>iredalei</i> (Sapphire Thornbill, Slender-billed Thornbill)			
4.	24264 <i>Acanthiza robustirostris</i> (Slaty-backed Thornbill)			
5.	24265 <i>Acanthiza uropygialis</i> (Chestnut-rumped Thornbill)			
6.	25528 <i>Aphelocephala leucopsis</i> (Southern Whiteface)			
7.	24269 <i>Calamanthus campestris</i> (Rufous Fieldwren)			
8.	25530 <i>Gerygone fusca</i> (Western Gerygone)			
9.	24278 <i>Pyrrholaemus brunneus</i> (Redthroat)			
10.	25534 <i>Sericornis frontalis</i> (White-browed Scrubwren)			
11.	30948 <i>Smicromis brevirostris</i> (Weebill)			
Accipitridae				
12.	25536 <i>Accipiter fasciatus</i> (Brown Goshawk)			
13.	24285 <i>Aquila audax</i> (Wedge-tailed Eagle)			
14.	<i>Elanus axillaris</i>			
Actinopodidae				
15.	<i>Missulena granulosa</i>			
16.	<i>Missulena occatoria</i>			
Aegothelidae				
17.	25544 <i>Aegotheles cristatus</i> (Australian Owlet-nightjar)			
Aeshnidae				
18.	<i>Anax papuensis</i>			
Agamidae				
19.	25460 <i>Ctenophorus maculatus</i> (Spotted Military Dragon)			
20.	24883 <i>Ctenophorus ornatus</i> (Ornate Crevice-Dragon)			
21.	24886 <i>Ctenophorus reticulatus</i> (Western Netted Dragon)			
22.	24889 <i>Ctenophorus scutulatus</i> (Lozenge-marked Dragon)			
23.	24904 <i>Moloch horridus</i> (Thorny Devil)			
24.	25510 <i>Pogona minor</i> (Dwarf Bearded Dragon)			
25.	24907 <i>Pogona minor</i> subsp. <i>minor</i> (Dwarf Bearded Dragon)			
Anatidae				
26.	24312 <i>Anas gracilis</i> (Grey Teal)			
27.	24315 <i>Anas rhynchotis</i> (Australasian Shoveler)			
28.	24316 <i>Anas superciliosa</i> (Pacific Black Duck)			
29.	24318 <i>Aythya australis</i> (Hardhead)			
30.	24322 <i>Cygnus atratus</i> (Black Swan)			
31.	24326 <i>Malacorhynchus membranaceus</i> (Pink-eared Duck)			
32.	24328 <i>Oxyura australis</i> (Blue-billed Duck)		P4	
33.	24331 <i>Tadorna tadornoides</i> (Australian Shelduck, Mountain Duck)			
Araneidae				
34.	<i>Austracantha minax</i>			
Ardeidae				
35.	41324 <i>Ardea modesta</i> (great egret, white egret)			
36.	24341 <i>Ardea pacifica</i> (White-necked Heron)			
37.	<i>Egretta novaehollandiae</i>			
Artamidae				
38.	25566 <i>Artamus cinereus</i> (Black-faced Woodswallow)			
39.	24352 <i>Artamus cinereus</i> subsp. <i>melanops</i> (Black-faced Woodswallow)			
40.	24356 <i>Artamus personatus</i> (Masked Woodswallow)			
Brachionidae				
41.	<i>Brachionus plicatilis</i> s.l.			
42.	<i>Brachionus quadridentatus</i>			
43.	<i>Keratella</i> sp. nov. (aff. <i>australis</i> grp) (CB)			
Branchipodidae				
44.	<i>Parartemia longicaudata</i>			
Burhinidae				
45.	24359 <i>Burhinus grallarius</i> (Bush Stone-curlew)			
Buthidae				
46.	<i>Isometroides vescus</i>			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
Cacatuidae				
47.	<i>Eolophus roseicapillus</i>			
48.	<i>Lophochroa leadbeateri</i>			
Campephagidae				
49.	24361 <i>Coracina maxima</i> (Ground Cuckoo-shrike)			
50.	25568 <i>Coracina novaehollandiae</i> (Black-faced Cuckoo-shrike)			
51.	24367 <i>Lalage tricolor</i> (White-winged Triller)			
Caprimulgidae				
52.	24368 <i>Eurostopodus argus</i> (Spotted Nightjar)			
Casuariidae				
53.	24470 <i>Dromaius novaehollandiae</i> (Emu)			
Centropagidae				
54.	<i>Boeckella triarticulata</i>			
55.	<i>Calamoecia</i> sp. 342 (ampulla variant) (CB)			
Ceratopogonidae				
56.	<i>Bezzia</i> sp. 2 (SAP)			
57.	<i>Culicoides</i> sp.			
58.	<i>Monohelea</i> sp. 4 (SAP)			
Charadriidae				
59.	24377 <i>Charadrius ruficapillus</i> (Red-capped Plover)			
60.	47937 <i>Elsayornis melanops</i> (Black-fronted Dotterel)			
61.	24379 <i>Erythronyx cinctus</i> (Red-kneed Dotterel)			
62.	24386 <i>Vanellus tricolor</i> (Banded Lapwing)			
Chironomidae				
63.	<i>Chironomus</i> aff. <i>alternans</i> (V24) (CB)			
64.	<i>Chironomus tepperi</i>			
65.	<i>Cryptochironomus griseidorsum</i>			
66.	<i>Dicrotendipes jobetus</i>			
67.	<i>Harrisius</i> sp. A (SAP)			
68.	<i>Orthoclaadiinae</i> sp. C = V44 <i>Gymnometriocnemus</i> (SAP)			
69.	<i>Orthoclaadiinae</i> sp. Q (SAP)			
70.	<i>Parakiefferiella variegatus</i>			
71.	<i>Procladius paludicola</i>			
72.	<i>Procladius villosimanus</i>			
73.	<i>Tanytarsus fuscithorax/semibarbitarsus</i>			
Chydoridae				
74.	<i>Alona rigidicaudis</i>			
75.	<i>Armatalona macrocopa</i>			
Cinclosomatidae				
76.	25580 <i>Cinclosoma castaneothorax</i> (Chestnut-breasted Quail-thrush)			
77.	24390 <i>Psophodes occidentalis</i> (Western Wedgebill, Chiming Wedgebill)			
Coenagrionidae				
78.	<i>Ischnura aurora aurora</i>			
Columbidae				
79.	24401 <i>Geopelia cuneata</i> (Diamond Dove)			
80.	24407 <i>Ocyphaps lophotes</i> (Crested Pigeon)			
81.	24409 <i>Phaps chalcoptera</i> (Common Bronzewing)			
Corduliidae				
82.	<i>Hemicordulia tau</i>			
Corixidae				
83.	<i>Agraptocorixa eurynome</i>			
84.	<i>Agraptocorixa parvipunctata</i>			
85.	<i>Micronecta gracilis</i>			
86.	<i>Micronecta robusta</i>			
Corvidae				
87.	24416 <i>Corvus bennetti</i> (Little Crow)			
88.	25592 <i>Corvus coronoides</i> (Australian Raven)			
89.	25593 <i>Corvus orru</i> (Torresian Crow)			
Cracticidae				
90.	24420 <i>Cracticus nigrogularis</i> (Pied Butcherbird)			
91.	25595 <i>Cracticus tibicen</i> (Australian Magpie)			
92.	25596 <i>Cracticus torquatus</i> (Grey Butcherbird)			
93.	25597 <i>Strepera versicolor</i> (Grey Currawong)			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
Cuculidae				
94.	42307	<i>Cacomantis pallidus</i> (Pallid Cuckoo)		
95.	24431	<i>Chrysococcyx basalis</i> (Horsfield's Bronze Cuckoo)		
96.	24434	<i>Chrysococcyx osculans</i> (Black-eared Cuckoo)		
Culicidae				
97.		<i>Culex</i> (<i>Culex</i>) <i>australicus</i>		
Cyclopidae				
98.		<i>Apocyclops dengizicus</i>		
99.		<i>Australocyclops australis</i>		
100.		<i>Australocyclops similis</i>		
101.		<i>Meridiocyclops</i> sp. 3 (nr <i>platypus</i> in Morton) (SAP)		
102.		<i>Mesocyclops brooksi</i>		
103.		<i>Microcyclops varicans</i>		
104.		<i>Pesceocyclops</i> sp. 434 (Stuart's original <i>arnaudi</i> sensu Sars)		
Cyprididae				
105.		<i>Bennelongia barangaroo</i> lineage		
106.		<i>Cypretta baylyi</i>		
107.		<i>Ilyodromus amplicolis</i>		
Cypridopsidae				
108.		<i>Sarscypridopsis aculeata</i>		
Cyzicidae				
109.		<i>Ozestheria</i> sp. nov. a (nr. <i>lutraria</i>) (SAP) (formerly <i>Caenestheria</i>)		
Daphniidae				
110.		<i>Daphnia carinata</i>		
Dasyuridae				
111.	24087	<i>Antechinomys laniger</i> (Kultarr)		
112.	24108	<i>Sminthopsis crassicaudata</i> (Fat-tailed Dunnart)		
113.	24109	<i>Sminthopsis dolichura</i> (Little long-tailed Dunnart)		
Dicaeidae				
114.	25607	<i>Dicaeum hirundinaceum</i> (Mistletoebird)		
Dicruridae				
115.	24443	<i>Grallina cyanoleuca</i> (Magpie-lark)		
116.	48096	<i>Rhipidura albiscapa</i> (Grey Fantail)		
117.	25614	<i>Rhipidura leucophrys</i> (Willie Wagtail)		
Diplodactylidae				
118.	24940	<i>Diplodactylus pulcher</i>		
119.	42414	<i>Lucasium alboguttatum</i>		
120.	42415	<i>Lucasium squarrosus</i>		
121.	24976	<i>Oedura marmorata</i> (Marbled Velvet Gecko)		
122.	24982	<i>Rhynchoedura ornata</i> (Western Beaked Gecko)		
123.	25518	<i>Strophurus spinigerus</i>		
124.	24946	<i>Strophurus strophurus</i>		
Dolichopodidae				
125.		<i>Dolichopodidae</i> sp.		
126.		<i>Dolichopodidae</i> sp. A (SAP)		
Dytiscidae				
127.		<i>Allodessus bistrigatus</i>		
128.		<i>Antiporus gilberti</i>		
129.		<i>Antiporus</i> sp.		
130.		<i>Lancetes lanceolatus</i>		
131.		<i>Megaporus howittii</i>		
132.		<i>Necterosoma penicillatus</i>		
133.		<i>Necterosoma</i> sp.		
134.		<i>Paroster</i> sp.		
135.		<i>Rhantus suturalis</i>		
136.		<i>Sternopriscus multimaculatus</i>		
Elapidae				
137.	25243	<i>Acanthophis pyrrhus</i> (Desert Death Adder)		
138.	42380	<i>Brachyuropis fasciolatus</i> subsp. <i>fasciolatus</i> (Narrow-banded Shovel-nosed Snake)		
139.	25296	<i>Demansia psammophis</i> subsp. <i>reticulata</i> (Yellow-faced Whipsnake)		
140.	25301	<i>Furina ornata</i> (Moon Snake)		
141.	25254	<i>Parasuta monachus</i>		
142.	25261	<i>Pseudechis australis</i> (Mulga Snake)		

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
143.	25262 <i>Pseudechis butleri</i> (Spotted Mulga Snake)			
144.	42416 <i>Pseudonaja mengdeni</i> (Western Brown Snake)			
145.	25263 <i>Pseudonaja modesta</i> (Ringed Brown Snake)			
146.	25269 <i>Suta fasciata</i> (Rosen's Snake)			
Emballonuridae				
147.	24176 <i>Taphozous hillii</i> (Hill's Sheath-tail-bat)			
Enchytraeidae				
148.	<i>Enchytraeidae</i> sp.			
Ephydriidae				
149.	<i>Ephydriidae</i> sp. 3 (SAP)			
Estrilidae				
150.	30870 <i>Taeniopygia guttata</i> (Zebra Finch)			
Euchlanidae				
151.	<i>Euchlanis dilatata</i>			
Eylaidae				
152.	<i>Eylais</i> sp.			
Falconidae				
153.	25621 <i>Falco berigora</i> (Brown Falcon)			
154.	25622 <i>Falco cenchroides</i> (Australian Kestrel, Nankeen Kestrel)			
Gekkonidae				
155.	24958 <i>Gehyra punctata</i>			
156.	24959 <i>Gehyra variegata</i>			
157.	24961 <i>Heteronotia binoei</i> (Bynoe's Gecko)			
Halcyonidae				
158.	42351 <i>Todiramphus pyrrhopygius</i> (Red-backed Kingfisher)			
Haliplidae				
159.	<i>Halipus gibbus</i>			
Hexarthridae				
160.	<i>Hexarthra mira</i>			
161.	<i>Hexarthra</i> n. sp.a (cf. <i>fennica</i> with 7/7 unci teeth) (SAP)			
Hirundinidae				
162.	47909 <i>Cheramoeca leucosterna</i> (White-backed Swallow)			
163.	24491 <i>Hirundo neoxena</i> (Welcome Swallow)			
164.	48060 <i>Petrochelidon ariel</i> (Fairy Martin)			
165.	48061 <i>Petrochelidon nigricans</i> (Tree Martin)			
Hydrachnidae				
166.	<i>Hydrachna</i> nr. <i>approximata</i> (SAP)			
Hydrophilidae				
167.	<i>Berosus approximans</i>			
168.	<i>Berosus nutans</i>			
169.	<i>Paracymus pygmaeus</i>			
Hylidae				
170.	25376 <i>Cyclorana platycephala</i> (Water-holding Frog)			
Idiopidae				
171.	33917 <i>Idiosoma nigrum</i> (Shield-backed Trapdoor Spider)		T	
Lecanidae				
172.	<i>Lecane abanica</i>			Y
173.	<i>Lecane bulla</i>			
174.	<i>Lecane</i> cf. <i>signifera</i> (SAP)			
175.	<i>Lecane latissima</i>			
Lepadellidae				
176.	<i>Lepadella amphitropis</i>			
Leporidae				
177.	24085 <i>Oryctolagus cuniculus</i> (Rabbit)	Y		
Leptoceridae				
178.	<i>Oecetis</i> sp.			
179.	<i>Tripletides australis</i>			
Lestidae				
180.	<i>Austrolestes analis</i>			
181.	<i>Austrolestes aridus</i>			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
Limnadiidae				
182.	<i>Limnadopsis occidentalis</i>			
Limnichidae				
183.	<i>Limnichidae sp.</i>			
Limnodynastidae				
184.	25425 <i>Neobatrachus kunapalari</i> (Kunapalari Frog)			
185.	25427 <i>Neobatrachus sutor</i> (Shoemaker Frog)			
186.	25428 <i>Neobatrachus wilmorei</i> (Plonking Frog)			
Lycosidae				
187.	<i>Hoggicosa castanea</i>			
188.	<i>Hoggicosa storri</i>			
189.	<i>Hogna crispipes</i>			
190.	<i>Lycosa australicola</i>			
191.	<i>Mainosa longipes</i>			
192.	<i>Venator yalkara</i>			
Lyncaeiidae				
193.	<i>Lynceus sp.</i>			
Macropodidae				
194.	24135 <i>Macropus robustus subsp. erubescens</i> (Euro, Biggada)			
195.	24136 <i>Macropus rufus</i> (Red Kangaroo, Marlu)			
Macrotrichidae				
196.	<i>Macrotrix breviseta</i>			
Maluridae				
197.	25651 <i>Malurus lamberti</i> (Variegated Fairy-wren)			
198.	24544 <i>Malurus lamberti subsp. assimilis</i> (Variegated Fairy-wren)			
199.	25652 <i>Malurus leucopterus</i> (White-winged Fairy-wren)			
200.	25654 <i>Malurus splendens</i> (Splendid Fairy-wren)			
Megapodiidae				
201.	24557 <i>Leipoa ocellata</i> (Malleefowl)		T	
Meliphagidae				
202.	24559 <i>Acanthagenys rufogularis</i> (Spiny-cheeked Honeyeater)			
203.	24561 <i>Anthochaera carunculata</i> (Red Wattlebird)			
204.	24564 <i>Certhionyx variegatus</i> (Pied Honeyeater)			
205.	24567 <i>Epthianura albifrons</i> (White-fronted Chat)			
206.	24570 <i>Epthianura tricolor</i> (Crimson Chat)			
207.	42314 <i>Gavicalis virescens</i> (Singing Honeyeater)			
208.	47962 <i>Glyciphila melanops</i> (Tawny-crowned Honeyeater)			
209.	25661 <i>Lichmera indistincta</i> (Brown Honeyeater)			
210.	24583 <i>Manorina flavigula</i> (Yellow-throated Miner)			
211.	42344 <i>Purnella albifrons</i> (White-fronted Honeyeater)			
Meropidae				
212.	24598 <i>Merops ornatus</i> (Rainbow Bee-eater)			
Monoscutidae				
213.	<i>Megalopsalis leptekes</i>			
Motacillidae				
214.	24599 <i>Anthus australis subsp. australis</i> (Australian Pipit)			
Muridae				
215.	24223 <i>Mus musculus</i> (House Mouse)	Y		
216.	24224 <i>Notomys alexis</i> (Spinifex Hopping-mouse)			
217.	24229 <i>Notomys mitchellii</i> (Mitchell's Hopping-mouse)			
Myobatrachidae				
218.	25433 <i>Pseudophryne guentheri</i> (Crawling Toadlet)			
219.	25434 <i>Pseudophryne occidentalis</i> (Western Toadlet)			
Nematoda				
220.	<i>Nematoda sp.</i>			
Nemesiidae				
221.	<i>Aname armigera</i>			
222.	<i>Aname mainae</i>			
Neosittidae				
223.	24606 <i>Daphoenositta chrysoptera subsp. pileata</i> (Varied Sittella, Black-capped Sittella)			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
Neotrichidae				
224.	<i>Neotrix armata</i>			
Notommatidae				
225.	<i>Cephalodella gibba</i>			
Notonectidae				
226.	<i>Anisops gratus</i>			
227.	<i>Anisops hackeri</i>			
228.	<i>Anisops thienemanni</i>			
Otididae				
229.	24610 <i>Ardeotis australis</i> (Australian Bustard)			
Pachycephalidae				
230.	25675 <i>Colluricincla harmonica</i> (Grey Shrike-thrush)			
231.	24613 <i>Colluricincla harmonica</i> subsp. <i>rufiventris</i> (Grey Shrike-thrush)			
232.	24618 <i>Oreoica gutturalis</i> (Crested Bellbird)			
233.	34011 <i>Oreoica gutturalis</i> subsp. <i>gutturalis</i> (Crested Bellbird (southern))			
234.	25680 <i>Pachycephala rufiventris</i> (Rufous Whistler)			
235.	24624 <i>Pachycephala rufiventris</i> subsp. <i>rufiventris</i> (Rufous Whistler)			
Pardalotidae				
236.	25682 <i>Pardalotus striatus</i> (Striated Pardalote)			
237.	24630 <i>Pardalotus striatus</i> subsp. <i>westraliensis</i> (Striated Pardalote)			
Petroicidae				
238.	25693 <i>Microeca fascinans</i> (Jacky Winter)			
239.	24659 <i>Petroica goodenovii</i> (Red-capped Robin)			
Podargidae				
240.	25703 <i>Podargus strigoides</i> (Tawny Frogmouth)			
Podicipedidae				
241.	24681 <i>Poliiocephalus poliocephalus</i> (Hoary-headed Grebe)			
242.	25705 <i>Tachybaptus novaehollandiae</i> (Australasian Grebe, Black-throated Grebe)			
243.	24682 <i>Tachybaptus novaehollandiae</i> subsp. <i>novaehollandiae</i> (Australasian Grebe, Black-throated Grebe)			
Pomatostomidae				
244.	24683 <i>Pomatostomus superciliosus</i> (White-browed Babbler)			
245.	25706 <i>Pomatostomus temporalis</i> (Grey-crowned Babbler)			
Psittacidae				
246.	<i>Barnardius zonarius</i>			
247.	24722 <i>Cacatua leadbeateri</i> (Major Mitchell's Cockatoo)			
248.	24725 <i>Cacatua roseicapilla</i> subsp. <i>assimilis</i> (Galah)			
249.	25716 <i>Cacatua sanguinea</i> (Little Corella)			
250.	25717 <i>Calyptorhynchus banksii</i> (Red-tailed Black-Cockatoo)			
251.	24736 <i>Melopsittacus undulatus</i> (Budgerigar)			
252.	<i>Neopsephotus bourkii</i>			
253.	24742 <i>Nymphicus hollandicus</i> (Cockatiel)			
254.	24748 <i>Platycercus varius</i> (Mulga Parrot)			
Ptilonorhynchidae				
255.	<i>Ptilonorhynchus guttatus</i>			
Pygopodidae				
256.	25005 <i>Lialis burtonis</i>			
Rallidae				
257.	48141 <i>Tribonyx ventralis</i> (Black-tailed Native-hen)			
Recurvirostridae				
258.	25734 <i>Himantopus himantopus</i> (Black-winged Stilt)			
259.	24776 <i>Recurvirostra novaehollandiae</i> (Red-necked Avocet)			
Scincidae				
260.	25463 <i>Ctenotus pantherinus</i> (Leopard Ctenotus)			
261.	25074 <i>Ctenotus schomburgkii</i>			
262.	25075 <i>Ctenotus severus</i>			
263.	25092 <i>Egernia depressa</i> (Southern Pygmy Spiny-tailed Skink)			
264.	25109 <i>Eremiascincus richardsonii</i> (Broad-banded Sand Swimmer)			
265.	25137 <i>Lerista gerrardii</i>			
266.	<i>Lerista kingi</i>			
267.	25157 <i>Lerista nichollsi</i>			
268.	41411 <i>Liopholis inornata</i> (Desert Skink)			
269.	25184 <i>Menetia greyii</i>			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
270.	25190 <i>Morethia butleri</i>			
Scirtidae				
271.	<i>Scirtidae sp.</i>			
Scolopacidae				
272.	41323 <i>Actitis hypoleucos</i> (Common Sandpiper)		IA	
273.	24808 <i>Tringa nebularia</i> (Common Greenshank, greenshank)		IA	
Scolopendridae				
274.	<i>Cormocephalus bungalbinensis</i>			
275.	<i>Cormocephalus turneri</i>			
276.	<i>Ethmostigmus rubripes</i>			
277.	<i>Scolopendra laeta</i>			
278.	<i>Scolopendra morsitans</i>			
Sparassidae				
279.	<i>Holconia nigrigularis</i>			
280.	<i>Isopedella saundersi</i>			
Staphylinidae				
281.	<i>Staphylinidae sp.</i>			
Synchaetidae				
282.	<i>Polyarthra dolichoptera</i>			
Thamnocephalidae				
283.	<i>Branchinella affinis</i>			
Threskiornithidae				
284.	24841 <i>Platalea flavipes</i> (Yellow-billed Spoonbill)			
285.	24845 <i>Threskiornis spinicollis</i> (Straw-necked Ibis)			
Trichocercidae				
286.	<i>Trichocerca rattus carinata</i>			
287.	<i>Trichocerca similis</i>			
288.	<i>Trichocerca wannara</i>			
Turbellaria				
289.	<i>Turbellaria sp.</i>			
Turnicidae				
290.	24851 <i>Turnix velox</i> (Little Button-quail)			
Tytonidae				
291.	24852 <i>Tyto alba subsp. delicatula</i> (Barn Owl)			
Urodacidae				
292.	<i>Urodacus hoplurus</i>			
293.	<i>Urodacus novaehollandiae</i>			
294.	<i>Urodacus yaschenkoi</i>			
Varanidae				
295.	25211 <i>Varanus caudolineatus</i>			
Zodariidae				
296.	<i>Masasteron complector</i>			
Zosteropidae				
297.	25765 <i>Zosterops lateralis</i> (Grey-breasted White-eye, Silveryeye)			

Conservation Codes
T - Rare or likely to become extinct
X - Presumed extinct
IA - Protected under international agreement
S - Other specially protected fauna
1 - Priority 1
2 - Priority 2
3 - Priority 3
4 - Priority 4
5 - Priority 5

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

Appendix D – Flora Data

Relevé data

Flora species list

Flora likelihood of occurrence assessment

Flora likelihood of occurrence assessment guidelines

Likelihood of occurrence	Guideline
Known	Species recorded within study area from field survey results.
Likely	Species previously recorded within 10 km and large areas of suitable habitat occur in the study area.
Possible	Species previously recorded within 20 km and areas of suitable habitat occur/may occur in the study area.
Unlikely	Species previously recorded within 40 km, but suitable habitat does not occur in the study area.
Highly unlikely	Species not previously recorded within 40 km, suitable habitat does not occur in the study area and/or the study area is outside the natural distribution of the species.
Other considerations	Intensity of survey, availability of access, growth form type, recorded flowering times, cryptic nature of species

Flora likelihood of occurrence assessment for conservation significant flora

Family	Taxon	Status		Description (WA Herbarium 1998–, DEE 2018)	Likelihood of Occurrence	Source
		EPBC Act	BC Act/ DBCA			
Euphorbiaceae	<i>Ricinocarpus brevis</i>	E	T	Shrub to 1.8 m high. White flowers from June to July. Grows on rocky hillslopes and rock outcrops.	320 km south-east. Highly unlikely as the survey area is outside the natural distribution of the species.	EPBC
Scrophulariaceae	<i>Eremophila viscida</i>	E	T	Shrub, 1.2-4 m high. Green-yellow-white flowers in September to November. Grown in granitic soils and sandy loam in stony gullies and sandplains.	0.5 km south-west. Possible given close proximity of record and some possible habitat in the survey area, however, the species is a conspicuous shrub and the survey did not record the species	WA Herb
Myrtaceae	<i>Eucalyptus synandra</i>		T	(Mallee), 3.5-10 m high, bark smooth. Fl. cream & pink, Aug or Dec or Jan to Mar. Sandy & lateritic soils.	52 km south-west. Highly unlikely given the species is a conspicuous mallee and the survey did not record the species	WA Herb
Fabaceae	<i>Acacia lineolata</i> subsp. <i>multilineata</i>		P1	Dense, rounded shrub, 0.5-2 m high, phyllodes oblong-oblong-elliptic to oblong-elliptic. Fl. yellow, Jun to Aug. Yellow sand, rocky clay. Sandplains.	37 km west. Unlikely, suitable habitat may not occur in the survey area	WA Herb

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Family	Taxon	Status		Description (WA Herbarium 1998–, DEE 2018)	Likelihood of Occurrence	Source
		EPBC Act	BC Act/ DBCA			
Frankeniaceae	<i>Frankenia bracteata</i>		P1	Small, spreading shrub, lack of information	48 km west. Highly unlikely, suitable habitat may not occur in the survey area	WA Herb
Lamiaceae	<i>Prostanthera pedicellata</i>		P1	Shrub, 0.1-1 m high. Fl. pink-red, Aug to Nov. Loam & ironstone gravel. Plains.	33 km west. Unlikely, suitable habitat may not occur in the survey area	WA Herb
Myrtaceae	<i>Enekbatus dualis</i>		P1	Shrub, to 0.75 m high. Pink flowers in September. Grows in orange-brown silty sand, brown clayey sand and granite on low hills, gentle mid to upper slopes and rock outcrops.	13 km west. Possible, suitable habitat may occur in the survey area	WA Herb, NM
Myrtaceae	<i>Chamelaucium</i> sp. Yalgoo (Y. Chadwich 1816)		P1	Bushy, low shrub. Granite outcrops.	1 km south. Likely – there is suitable habitat within the survey area.	WA Herb
Stylidiaceae	<i>Stylidium pendulum</i>		P1	Caespitose perennial, herb, 0.09-0.35 m high, Leaves tufted, broadly linear to narrowly oblanceolate, 3-14 cm long, 0.5-2 mm wide, apex mucronate, margin minutely toothed, glabrous. Scape glandular throughout. Inflorescence racemose. Fl. yellow-orange, Sep to Oct. Clayey sand or sandy loam, granite. Upper slopes, often near rock outcrops. Shrubland or open mallee woodland.	10 km west. Unlikely – there is no suitable habitat for this species.	WA Herb
Proteaceae	<i>Grevillea rosieri</i>		P2	Shrub, red flowers in July or September. Grown in sandy soils.	60 km south. Highly unlikely, suitable habitat may not occur in the survey area	NM
Aizoaceae	<i>Gunniopsis divisa</i>		P3	Annual, herb, 0.05 to 0.1 m high. White flowers in	64 km east. Highly unlikely, suitable habitat may not occur in the survey area	WA Herb, NM

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Family	Taxon	Status		Description (WA Herbarium 1998–, DEE 2018)	Likelihood of Occurrence	Source
		EPBC Act	BC Act/ DBCA			
				August. Grows in loam and quartz. Found along roadsides.		
Asteraceae	<i>Calotis</i> sp. Perrinvale Station (R.J. Cranfield 7096)		P3	No description available.	65 km east. Highly unlikely, suitable habitat may not occur in the survey area	NM
Asteraceae	<i>Rhodanthe collina</i>		P3	Erect, bushy annual herb, 0.1-0.25 m high. White & yellow flowers from August to October. Grows on rocky hills.	30 km east. Highly unlikely, suitable habitat may not occur in the survey area	WA Herb, NM
Asteraceae	<i>Roebuckiella halophila</i>		P3	No information	31 km west. Highly unlikely, suitable habitat may not occur in the survey area	WA Herb
Asteraceae	<i>Gnephosis cassiniana</i>		P3	Erect annual, herb, 0.01-0.06 m high. Fl. yellow, Sep to Oct. Sand, clay loam. Saline depressions, low wet areas.	44 km west. Highly unlikely, suitable habitat may not occur in the survey area	WA Herb
Asteraceae	<i>Angianthus micropodioides</i>		P3	Erect or decumbent annual, herb, 0.03-0.15 m high. Fl. yellow-white, Nov to Dec or Jan to Feb. Saline sandy soils. River edges, saline depressions, claypans.	37 km west. Unlikely, however, suitable habitat may occur in the survey area	WA Herb
Chenopodiaceae	<i>Tecticornia fimbriata</i>		P3	Erect shrub, 0.25-1 m high. Grows in clay and loam in margins of salt & gypsum lakes.	86 km south-east. Highly unlikely, suitable habitat does not occur in the survey area	-
Fabaceae	<i>Acacia subsessilis</i>		P3	Rounded, straggly, pungent shrub, 1-2 m high. Yellow flowers from July to August. Grown on red sand or stony gravel over ironstone, and on rocky hills.	28 km east. Highly unlikely, suitable habitat does not occur in the survey area	WA Herb, NM

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Family	Taxon	Status		Description (WA Herbarium 1998–, DEE 2018)	Likelihood of Occurrence	Source
		EPBC Act	BC Act/ DBCA			
Juncaginaceae	<i>Triglochin protuberans</i>		P3	Annual herb, 0.03-0.13 m high. Grows in red loam and grey mud over clay on winter-wet sites, claypans, near salt lakes and margins of pools.	48 km east. Highly unlikely, suitable habitat does not occur in the survey area	WA Herb, NM
Lamiaceae	<i>Dicrastylis linearifolia</i>		P3	Much-branched shrub, 1-3 m high, inflorescence with scale-like indumentum; upper surface of leaves hairy; stamens usually 5. Fl. white, Nov to Dec. Red sand. Sandplain.	11 km west - CONFIRMED present within study area during survey	WA Herb, Field survey
Myrtaceae	<i>Euryomyrtus recurva</i>		P3	Shrub to 0.7 m high. Pink flowers from June to September. Grown in red loam and red sand over laterite.	97 km east. Highly unlikely, suitable habitat does not occur in the survey area	M.E. Trudgen 2001, NM
Myrtaceae	<i>Darwinia</i> sp. Morawa (C.A. Gardner 2662)		P3	Shrub, to 0.3 m high, to 2 m wide. Fl. red-purple, Oct. Clay over granite, yellow/brown clayey sand. Flat, small hill.	20 km west. Highly unlikely, suitable habitat does not occur in the survey area	WA Herb
Myrtaceae	<i>Verticordia chrysostachys</i> var. <i>pallida</i>		P3	Erect to spreading shrub, 0.6-2 m high. Fl. yellow/cream, Sep to Dec or Jan. Yellow sand. Sandplains, sand dunes.	33 km west. Unlikely, however, suitable habitat may occur in the survey area	WA Herb
Proteaceae	<i>Persoonia pentasticha</i>		P3	Erect, spreading shrub, 0.4-1.8 m high. Fl. yellow, Aug to Nov. Sand, loam. Base of granite outcrops.	4 km west. Highly unlikely, suitable habitat does not occur in the survey area	WA Herb
Proteaceae	<i>Grevillea granulosa</i>		P3	Compact shrub, 0.4-1.5(-4) m high. Fl. red, Jul to Oct.	37 km north-west. Highly unlikely, suitable habitat may not occur in the survey area	WA Herb

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Family	Taxon	Status		Description (WA Herbarium 1998–, DEE 2018)	Likelihood of Occurrence	Source
		EPBC Act	BC Act/ DBCA			
				Gravelly sand, loam, clay. Sandplains.		
Proteaceae	<i>Petrophile pauciflora</i>		P3	Shrub, ca 1 m high. Fl. yellow, Sep. Decaying & dissected granite breakaways.	8 km north-west. Highly unlikely, suitable habitat does not occur in the survey area	WA Herb
Rhamnaceae	<i>Cryptandra nola</i>		P3	Erect or spreading, spinescent shrub, 0.3-1 m high. Fl. white, Jun to Aug. Sandy soils over granite, laterite. Along drainage lines, breakaways, hillsides.	53 km west. Highly unlikely, suitable habitat may not occur in the survey area	WA Herb
Fabaceae	<i>Acacia speckii</i>		P4	Bushy, rounded shrub or tree, 1.5-3 m high. Grows in soils over granite, basalt or dolerite on rocky hills or rises.	7 km east – CONFIRMED present within study area during survey	WA Herb, NM, Field survey
Frankeniaceae	<i>Frankenia confusa</i>		P4	Low, diffuse shrub to 0.75 m high. Pink flowers in September. Grown in wet pale brown sand, brown clay	76 km north-east. Highly unlikely, suitable habitat may not occur in the survey area	NM
Goodeniaceae	<i>Goodenia berringbinensis</i>		P4	Ascending annual herb, 0.1-0.3 m high. Yellow flowers in October. Grows on red sandy loam. Along watercourses.	53 km north-east. Highly unlikely, suitable habitat may not occur in the survey area	NM
Goodeniaceae	<i>Goodenia neogoodenia</i>		P4	Prostrate annual herb, flowers minute. Brown/brown & yellow flowers from August to September. Grown on red loam or clay, near water.	37 km east. Highly unlikely, suitable habitat may not occur in the survey area	WA Herb, NM
Myrtaceae	<i>Verticordia penicillaris</i>		P4	Low spreading shrub, 0.15-0.3 m high. Cream-yellow flowers from September to	50 km north-east. Highly unlikely, suitable habitat does not occur in the survey area	WA Herb, NM




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Family	Taxon	Status		Description (WA Herbarium 1998–, DEE 2018)	Likelihood of Occurrence	Source
		EPBC Act	BC Act/ DBCA			
				October. Grows in shallow, gritty soils. Granite outcrops.		
Sapindaceae	<i>Dodonaea amplisemina</i>		P4	Dioecious, multi-stemmed shrub, 0.3-1 m high. Grows on red-brown sandy clay on basalt and gabbro and banded ironstone or on dolerite and quartzite and on rocky hills.	38 km east. Highly unlikely, suitable habitat does not occur in the survey area	WA Herb, NM
Rutaceae	<i>Philothea nutans</i>		P1	Upright shrub, 0.3-0.9 m high. Flowers green-cream-yellow/red-pink in April or June to July or September. Grows on sandy soils in low plains, undulating rises, edges of salt lakes.	CONFIRMED present within study area during survey	Field survey

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Appendix E – Fauna Data

Malleefowl Mounds recorded

Mound ID	Location	Photo and comments
MF1	116.0879 -28.4295	 <p data-bbox="715 808 1358 842">Very old, long unused mound (extinct) .Profile score 6</p>
MF2	116.0547 -28.4349	 <p data-bbox="715 1375 1358 1408">Very old, long unused mound (extinct). Profile score 6</p>
MF3	116.0371 -28.4374	 <p data-bbox="715 1942 1358 1971">Very old, long unused mound (extinct). Profile score 6</p>

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Fauna observed within the survey area

Family	Genus	Species	Common Name	Status	Drainage line	Mallee over mixed shrubland	Mixed Shrubland on Sandplain	Acacia shrubland on Clayey Soils	Chenopod Claypan	Stony Plain	Low Granite Outcrop
Birds											
Acanthizidae	<i>Acanthiza</i>	<i>apicalis</i>	Inland Thornbill	N		x	x	x			
Acanthizidae	<i>Acanthiza</i>	<i>chrysorrhoa</i>	Yellow-rumped Thornbill	N		x					
Acanthizidae	<i>Acanthiza</i>	<i>robustirostris</i>	Slaty-backed Thornbill	N				x			
Acanthizidae	<i>Acanthiza</i>	<i>uropygalis</i>	Chestnut-rumped Thornbill	N	x				x	x	x
Acanthizidae	<i>Pyrrholaemus</i>	<i>brunneus</i>	Redthroat	N				x			
Acanthizidae	<i>Aphelocephala</i>	<i>leucopsis</i>	Southern Whiteface	N					x		
Acanthizidae	<i>Calamanthus</i>	<i>campestris</i>	Rufous Fieldwren	N					x		
Acanthizidae	<i>Calamanthus</i>	<i>cautus</i>	Shy Heathwren	N							x
Acanthizidae	<i>Smicrornis</i>	<i>brevirostris</i>	Weebill	N		x					
Accipitridae	<i>Hallastur</i>	<i>sphenurus</i>	Whistling Kite	N		x		x	x		x
Accipitridae	<i>Aquila</i>	<i>audax</i>	Wedge-tailed Eagle	N	x						
Artamidae	<i>Artamus</i>	<i>cyanopterus</i>	Dusky Woodswallow	N	x	x	x	x	x	x	x
Artamidae	<i>Artamus</i>	<i>cinereus</i>	Black-faced Woodswallow	N				x			
Cacatuidae	<i>Cacatua</i>	<i>roseicapilla</i>	Galah	N			x	x			
Campephagidae	<i>Coracina</i>	<i>novaehollandiae</i>	Black-faced Cuckoo-shrike	N		x					
Casuariidae	<i>Dromaius</i>	<i>novaehollandiae</i>	Emu	N		x		x	x		
Columbidae	<i>Geopelia</i>	<i>striata placida</i>	Peaceful Dove	N	x						
Columbidae	<i>Ocyphaps</i>	<i>lophotes</i>	Crested Pigeon	N				x			
Columbidae	<i>Phaps</i>	<i>chalcoptera</i>	Common Bronzewing	N	x						
Corvidae	<i>Corvus</i>	<i>bennetti</i>	Little Crow	N				x	x	x	

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Family	Genus	Species	Common Name	Status	Drainage line	Mallee over mixed shrubland	Mixed Shrubland on Sandplain	Acacia shrubland on Clayey Soils	Chenopod Claypan	Stony Plain	Low Granite Outcrop
Corvidae	<i>Corvus</i>	<i>orru</i>	Torresian crow	N							x
Cracticidae	<i>Cracticus</i>	<i>nigrogularis</i>	Pied Butcherbird	N	x	x					
Cracticidae	<i>Cracticus</i>	<i>torquatus</i>	Grey Butcherbird	N			x	x			
Cuculidae	<i>Cacomantis</i>	<i>pallidus</i>	Pallid Cuckoo	N		x					
Dicaeidae	<i>Dicaeum</i>	<i>hirundinaceum</i>	Mistletoebird	N			x			x	x
Estrildidae	<i>Taeniopygia</i>	<i>guttata</i>	Zebra finch	N	x	x		x	x		
Eupetidae	<i>Cinclosoma</i>	<i>castaneothorax</i>	Chestnut-breasted Quail-thrush	N		x					
Falconidae	<i>Falco</i>	<i>cenchroides</i>	Australian Kestrel	N	x						
Hirundinidae	<i>Petrochelidon</i>	<i>nigricans</i>	Tree Martin	N	x	x		x			
Maluridae	<i>Malurus</i>	<i>splendens</i>	Splendid Fairy-wren	N				x	x		
Meliphagidae	<i>Acanthagenys</i>	<i>rufogularis</i>	Spiny-cheeked Honeyeater	N					x		
Meliphagidae	<i>Epthianura</i>	<i>tricolor</i>	Crimson Chat	N	x			x	x		
Meliphagidae	<i>Gavicalis</i>	<i>virescens</i>	Singing Honeyeater	N	x			x	x	x	x
Meliphagidae	<i>Manorina</i>	<i>flavigula</i>	Yellow-throated Miner	N		x			x	x	
Meliphagidae	<i>Ptilotula</i>	<i>penicillata</i>	White-plumed Honeyeater	N					x		
Meliphagidae	<i>Sugomel</i>	<i>nigrum</i>	Black honeyeater	N					x		
Meropidae	<i>Merops</i>	<i>ornatus</i>	Rainbow bee-eater	N	x			x			
Monarchidae	<i>Grallina</i>	<i>cyanoleuca</i>	Magpie-lark	N						x	
Motacillidae	<i>Anthus</i>	<i>australis</i>	Australian Pipit	N	x	x		x			
Oreoicidae	<i>Oreoica</i>	<i>gutturalis</i>	Crested bellbird	N			x	x	x		
Pachycephalidae	<i>Colluricincla</i>	<i>harmonica rufiventris</i>	Grey Shrike-thrush	N		x					
Pachycephalidae	<i>Pachycephala</i>	<i>rufiventris</i>	Rufous Whistler	N	x			x			
Pardalotidae	<i>Pardalotus</i>	<i>rubricatus</i>	Red-browed Pardalote	N				x			

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Family	Genus	Species	Common Name	Status	Drainage line	Mallee over mixed shrubland	Mixed Shrubland on Sandplain	Acacia shrubland on Clayey Soils	Chenopod Claypan	Stony Plain	Low Granite Outcrop
Petroicidae	<i>Eopsaltria</i>	<i>australis</i>	Yellow Robin	N				x			
Petroicidae	<i>Melanodryas</i>	<i>cucullata</i>	Hooded Robin	N		x	x				
Petroicidae	<i>Petroica</i>	<i>goodenovii</i>	Red-capped Robin	N				x			
Podargidae	<i>Podargus</i>	<i>strigoides</i>	Tawny Frogmouth	N		x					
Pomatostomidae	<i>Pomatostomus</i>	<i>superciliosus</i>	White-browed Babbler	N		x		x			
Psittacidae	<i>Platycercus</i>	<i>zonarius semitorquatus</i>	Twenty-eight Parrot	N	x	x					
Psittacidae	<i>Neopsephotus</i>	<i>bourkii</i>	Bourke's Parrot	N		x					
Psittacidae	<i>Psephotus</i>	<i>varius</i>	Mulga Parrot	N			x				
Psophodidae	<i>Cinclosoma</i>	<i>castanotus</i>	Chestnut Rumped Quail-thrush	N				x			
Rhipiduridae	<i>Dicrurus</i>	<i>bracteatus</i>	Willie Wagtail	N					x		
Mammals											
Bovidae	<i>Bos</i>	<i>taurus</i>	Cattle	Int				x			
Bovidae	<i>Capra</i>	<i>aegagrus</i>	Goat	Int		x		x			
Bovidae	<i>Ovis</i>	<i>Aries</i>	Sheep	Int				x			
Felidae	<i>Felis</i>	<i>catus</i>	Cat	Int				x			
Leporidae	<i>Oryctolagus</i>	<i>cuniculus</i>	European Rabbit	Int	x	x		x		x	
Macropodidae	<i>Notamacropus</i>	<i>robustus</i>	Euro	N	x	x			x	x	x
Macropodidae	<i>Macropus</i>	<i>rufus</i>	Red Kangaroo	N				x			
Muridae	<i>Notomys</i>	<i>alexis</i>	Spinifex Hopping Mouse	N				x			
Trachyglossidae	<i>Trachyglossus</i>	<i>aculeatus</i>	Echidna	N				x			
Reptiles											
Agamidae	<i>Ctenophorus</i>	<i>reticulatus</i>	Western netted dragon	N				x			
Agamidae	<i>Ctenophorus</i>	<i>scutulatus</i>	Lozenge-marked Dragon	N				x			

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Family	Genus	Species	Common Name	Status	Drainage line	Mallee over mixed shrubland	Mixed Shrubland on Sandplain	Acacia shrubland on Clayey Soils	Chenopod Claypan	Stony Plain	Low Granite Outcrop
Agamidae	<i>Moloch</i>	<i>horridus</i>	Thorny Devil	N			x				
Gekkonidae	<i>Gehyra</i>	<i>variegata</i>	Tree dtella	N					x		
Scincidae	<i>Egernia</i>	<i>depressa</i>	Pygmy Spiny-tailed Skink	N				x			
Varanidae	<i>Varanus</i>	<i>gouldii</i>	Gould's Goanna	N	x	x			x	x	x

N= native fauna protected under BC Act.
Int=introduced fauna

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Parameters of fauna likelihood of occurrence assessment

Assessment outcome	Description
Likely	Species are likely to occur in the survey area where there is suitable habitat within the survey area and there are recent records of occurrence of the species in close proximity to the survey area. OR Species known distribution overlaps with the survey area and there is suitable habitat within the survey area.
Unlikely	Species assessed as unlikely include those species previously recorded within 5 km of the survey area however: <ul style="list-style-type: none"> • There is limited (i.e. the type, quality and quantity of the habitat is generally poor or restricted) habitat in the survey area. • The suitable habitat within the survey area is isolated from other areas of suitable habitat and the species has no capacity to migrate into the survey area. OR Those species that have a known distribution overlapping with the survey area however: <ul style="list-style-type: none"> • There is limited habitat in the survey area (i.e. the type, quality and quantity of the habitat is generally poor or restricted). • The suitable habitat within the survey area is isolated from other areas of suitable habitat and the species has no capacity to migrate into the survey area.
Highly unlikely	Species that are considered highly unlikely to occur in the survey area include: <ul style="list-style-type: none"> • Those species that have no suitable habitat within the survey area. • Those species that have become locally extinct, or are not known to have ever been present in the region of the survey area.

Source information - desktop searches

PMST – DEE PMST to identify fauna listed under the EPBC Act potentially occurring within the survey area

DBCA – DBCA 2018. WA Government, Department of Parks and Wildlife Threatened and Priority fauna rankings

NM – DBCA NatureMap (accessed October 2018)

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Taxonomy	Common Name	Status		Likelihood of Occurrence	Assessment	Source
		EPBC Act	BC Act/DBCA			
Birds						
<i>Actitis hypoleucos</i>	Common Sandpiper	Mi	IA	Habitat for the Common Sandpiper is varied: coastal and interior wetlands – narrow muddy edges of billabongs, river pools, mangroves, among rocks and snags, reefs or rocky beaches. Avoids wide open mudflats. This species is widespread and scattered, common on the north and west coasts and uncommon in the south-east and interior (Morcombe 2004).	Unlikely – there is no suitable habitat for this species within the survey area. The nearest record is 19 km south of the survey area.	EPBC
<i>Amytornis textilis subsp. textilis</i>	Western Grasswren		P4	The western subspecies of the Thick-billed Grasswren occurs in four types of semi-arid shrubland: (1) Acacia shrublands on coastal dunes, coastal plains and red sandplains, dominated by <i>Acacia ligulata</i> , <i>A. tetragonophylla</i> , <i>A. ramulosa</i> and <i>A. sclerosperma</i> , with chenopods such as <i>Rhagodia</i> spp. and <i>Threlkeldia diffusa</i> , other species of shrubs 1-3 m tall with a recumbent growth form that support twining species, and an extensive ground-cover of low shrubs, grasses and herbs. (2) Fire-affected shrublands dominated by <i>Ptilotus obovatus</i> and <i>Solanum orbiculatum</i> , which have replaced burnt-out Horse Mulga shrublands for at least 40 years following uncontrolled fires. (3) Low (< 1.5 m high) shrublands on calcareous sandplains, (4) Dense thickets of riparian vegetation growing in drainage lines (DotE 2016). The species is currently known only from the Shark Bay region (TSSC 2006)	Unlikely – there is a historical record north of the survey area (y. 1908) (DBCA 2018). However, this species is currently only known from the Shark Bay region.	EPBC
<i>Apus pacificus</i>	Fork-tailed Swift	Mi	IA	The fork-tailed Swift is a migratory species that follows large storm fronts and are almost exclusively areal species. In Western Australia, there are sparsely scattered records of the Fork-tailed Swift along the south coast, ranging from near the Eyre Bird Observatory and west to Denmark, in coastal and subcoastal areas between Augusta and Carnarvon, including some on nearshore and	Unlikely – The species is exclusively areal species and may fly over the site. There is a record 1.5 km north of	DBCA, EPBC NM

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Taxonomy	Common Name	Status		Likelihood of Occurrence	Assessment	Source
		EPBC Act	BC Act/DBCA			
				offshore islands. Scattered records are present in the Midwest region. Records are scattered throughout WA including the Pilbara, Kimberley, Wheatbelt, Gascoyne and deserts (Higgins 1999).	the survey area (DBCA 2018).	
<i>Calidris acuminata</i>	Sharp-tailed Sandpiper	Mi		In Australasia, the Sharp-tailed Sandpiper prefers muddy edges of shallow fresh or brackish wetlands, with inundated or emergent sedges, grass, saltmarsh or other low vegetation. This includes lagoons, swamps, lakes and pools near the coast, and dams, waterholes, soaks, bore drains and bore swamps, saltpans and hypersaline saltlakes inland. They also occur in saltworks and sewage farms. They use flooded paddocks, sedgeland and other ephemeral wetlands, but leave when they dry. They use intertidal mudflats in sheltered bays, inlets, estuaries or seashores, and also swamps and creeks lined with mangroves. Sometimes they occur on rocky shores. They are widespread from Cape Arid to Carnarvon, around coastal and subcoastal plains of Pilbara Region to south-west and east Kimberley Division. Inland records indicate the species is widespread and scattered from Newman, east to Lake Cohen, south to Boulder and west to Meekatharra (DotE 2016).	Unlikely – There is limited habitat for this species within the survey area, associated with the claypan habitat. The nearest record is 32 km south of the survey area.	
<i>Calidris ferruginea</i>	Curlew Sandpiper	CR, Mi	VU	Curlew Sandpipers mainly occur in areas with soft mud conditions, including intertidal mudflats in sheltered coastal areas, such as estuaries, bays, inlets and lagoons, and also around non-tidal swamps, lakes and lagoons near the coast, and ponds in saltworks and sewage farms. They are found inland less often, including around ephemeral and permanent lakes, dams, waterholes and bore drains, usually with bare edges of mud or sand. They occur in both fresh and brackish waters. In WA, they are widespread around coastal and subcoastal plains from Cape Arid to south-west	Highly unlikely – The species was not recorded from the survey area. The nearest record is 125 km south-west and it unlikely to occur in the survey area.	EPBC, NM

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Taxonomy	Common Name	Status		Likelihood of Occurrence	Assessment	Source
		EPBC Act	BC Act/DBCA			
				Kimberley Division, but are more sparsely distributed between Carnarvon and Dampier Archipelago (DEE 2018). They are common on the Swan Coastal Plain, particularly near large drying lakes like Thompson and Forrestdale, and Peel Inlet. They are less common along the southern coast to Esperance (Nevill 2013).		
<i>Falco peregrinus</i>	Peregrine Falcon		OS	The Peregrine Falcon is seen occasionally anywhere in the south-west of WA. It is found everywhere from woodlands to open grasslands and coastal cliffs - though less frequently in desert regions. The species nests primarily on ledges of cliffs, shallow tree hollows, and ledges of building in cities. (Morcombe, 2004).	Likely – there is suitable foraging habitat with the survey area and the nearest is 1 km north (DBCA 2018)	DBCA, NM
<i>Leipoa ocellata</i>	Malleefowl	Vu	Vu	The Malleefowl generally occurs in semi-arid areas of Western Australia, from Carnarvon to south east of the Eyre Bird Observatory (south-east Western Australia). The Malleefowl is associated with long unburnt thick vegetation and occupies shrublands and low woodlands that are dominated by mallee vegetation, native pine Callitris woodlands, Acacia shrublands, Broombush vegetation or coastal heathlands. The breeding habitat is characterised by light soil and an abundant leaf litter, which is used in the construction of nesting mounds (Frith 1959; Marchant & Higgins 1993 in DotE 2015). The nest is a conspicuous large mound of sand or soil and organic matter (Jones and Goth 2008 in DotE 2015, Morcombe 2004).	Likely – there are number of previous recent records (y 1999) within the survey area (DBCA 2018). There is suitable habitat with the survey area associated with the Mallee woodlands and shrublands sandplains habitat type. The only Malleefowl mounds recorded within or in proximity to the survey area were assessed as long unused, with highly eroded and low profile. These mounds have not	DBCA, EPBC

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Taxonomy	Common Name	Status		Likelihood of Occurrence	Assessment	Source
		EPBC Act	BC Act/DBCA			
					been active for many decades	
<i>Motacilla cinerea</i>	Grey Wagtail	Mi	IA	The Grey Wagtail is an opportunistic migrant to Australia. The species typically migrates to Indonesia occasionally landing in Australia. Most records for the species are from Northern Australia and South Australia (Morcombe 2004). The non-breeding habitat only of the Grey Wagtail has a strong association with water, particularly rocky substrates along water courses but also lakes and marshes (DotE 2016). It can be found mainly in banks and rocks in fast-running freshwater habitats: rivers, creeks, streams, and around waterfalls, both in forest and open country; but occurs almost anywhere during migration (Johnstone & Storr 2004).	Highly unlikely – The species was not recorded from the survey area and there is no suitable habitat in the survey area. The nearest record is 700 km south-west of the survey area (DBCA 2007-).	EPBC
<i>Oxyura australis</i>	Blue-billed Duck		P4	The Blue-billed Duck is almost wholly aquatic, and is seldom seen on land. Non-breeding flocks, often with several hundred individuals, congregate on large, deep open freshwater dams and lakes in autumn. The daylight hours are spent alone in small concealed bays within vegetation or communally in large exposed rafts far from the shore.	Highly unlikely – There is no suitable habitat within the survey area. The Nearest record is 5 km north (DBCA 2018).	DBCA
<i>Pezoporus occidentalis</i>	Night Parrot	Cr	En	The Night Parrot inhabits arid and semi-arid areas that are characterized by having dense, low vegetation. Based on accepted and recent records, the habitat of the Night Parrot consists of Triodia grasslands in stony or sandy environments and of samphire and chenopod shrublands, on floodplains and claypans, and on the margins of salt lakes, creeks or other sources of water. The distribution of the Night Parrot is very poorly understood however recent observations have recorded the species near to Lorna Glen (East of Wiluna), Pilbara and southern Kimberley.	Unlikely - The species is not known to persist in the region. Chenopod habitat is present in the survey area. The nearest record is 112 km south-east of the survey area (DBCA 2007-).	DBCA

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Taxonomy	Common Name	Status		Likelihood of Occurrence	Assessment	Source
		EPBC Act	BC Act/DBCA			
<i>Tringa nebularia</i>	Common Greenshank	Mi	S5	The Common Greenshank is found in a wide variety of inland wetlands and sheltered coastal habitats of varying salinity. It occurs in sheltered coastal habitats, typically with large mudflats and saltmarsh, mangroves or seagrass. Habitats include embayments, harbours, river estuaries, deltas and lagoons and are recorded less often in round tidal pools, rock-flats and rock platforms. The species uses both permanent and ephemeral terrestrial wetlands, including swamps, lakes, dams, rivers, creeks, billabongs, waterholes and inundated floodplains, claypans and saltflats. It will also use artificial wetlands, including sewage farms and saltworks dams, inundated rice crops and bores. The edges of the wetlands used are generally of mud or clay, occasionally of sand, and may be bare or with emergent or fringing vegetation, including short sedges and saltmarsh, mangroves, thickets of rushes, and dead or live trees. It was once recorded with Black-winged Stilts (<i>Himantopus himantopus</i>) in pasture, but are generally not found in dry grassland (Higgins & Davies 1996).	Unlikely – This species may opportunistically use the survey area, however its preferred habitat is generally restricted. The nearest record is 15 km south of the survey area.	DBCA
<i>Tyto novaehollandiae</i> subsp. <i>novaehollandiae</i>	Masked Owl (SW ssp)		P4	There is very little published information available for the subspecies, most of which is limited to the distribution of the species within the south-west of WA. Johnstone and Storr (2004) provide the following distribution and habitat description for the subspecies The Masked Owl in south-west WA, is distributed from north to Yanchep and east to Yealering, Gnowangerup and Albany; rarely further north including Carnarvon, Yandil, Geraldton. Probably breeds in forested, deep south-west with some autumn winter wandering northwards and north-eastwards; locally common in deep south-west but generally uncommon. Nests in tree hollows.	Unlikely – There is suitable habitat within the western portion of the survey, however, many of the trees lack hollows. The nearest record is 45 km south of the survey area.	NM

Reptiles

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Taxonomy	Common Name	Status		Likelihood of Occurrence	Assessment	Source
		EPBC Act	BC Act/DBCA			
<i>Cyclodomorphus branchialis</i>	Gilled Slender Blue-tongue		Vu	The Gilled Slender Bluetongue is found in the lower west coastal regions on WA, between the Murchison and Irwin Rivers. It is a ground-dwelling lizard of largely crepuscular and nocturnal habits. The species has little information available but is thought to sheltering by day in porcupine grass, leaf-litter, and under fallen timber (Cogger 2014). However the author has recorded the species under rocks and in loamy spoil heaps.	Likely - The species is known from the region with records present east, west and south of the survey area. However the nearest known record is 60 km west of the survey area (DBCA 2007-).	NM
<i>Egernia stokesii subsp. badia</i>	Western Spiny-tailed Skink	En	Vu	The Western Spiny-tailed Skink (black form) was originally known from a limited number of sites on Austin Downs Station, east of Cue (e.g. Walga, Wurrah and Woolgerong Rocks). They were restricted to massive granite exposures ('whalebacks') with a variable cover of loose boulders and pockets of soil and low shrubland vegetation. These outcrops are separated by open low woodland and shrubland. The skinks live in narrow crevices and boulders and are observed most readily when they bask close to their refugia (DotE 2016). Surveys between 2006 and 2009 identified over 70 new locations in the Murchison region (Ecologia Environment 2010).	Likely - This species was recorded in an adjacent north survey area. There is limited area of suitable low granite outcrop habitat in the central portion of the survey. The nearest recorded is 43 km east (DBCA 2007-).	DBCA, EPBC, NM
Mammals						
<i>Dasyurus geoffroii</i>	Chuditch, Western Quoll	Vu	Vu	The Chuditch inhabits eucalypt forest (especially Jarrah), dry woodland and mallee shrublands of semi arid environs. In the mid west only one population persist and is within the Kalbarri National Park. This population is a translocated and monitored population that primarily persists within the rocky gorges of the Murchison River. Although this species can travel large distances and has a large home range it is highly unlikely to be present in the Yalgoo region.	High unlikely – This species is locally extinct. There is a record 160 km north-west of the survey area.	EPBC

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Taxonomy	Common Name	Status		Likelihood of Occurrence	Assessment	Source
		EPBC Act	BC Act/DBCA			
<i>Notamacropus irma</i>	Western Brush Wallaby		P4	The Western Brush Wallaby is found primarily in open forest or woodland, particularly favouring open, seasonally-wet flats with low grasses and open scrubby thickets. It is also found in some areas of mallee and heathland, and is uncommon in karri forest (Van Dyck and Strahan 2008).	Unlikely - Although this species is wide spread, populations are patchily disbursed. There is suitable habitat associated with the Mallee over mixed shrubland habitat type. The nearest record is 64 km south-east of the survey area.	DBCA
<i>Sminthopsis longicauda</i>	Long-tailed dunnart		P4	The Long-tailed Dunnart occurs throughout the Gibson Desert, Murchison, southern Canarvon Basin and the Pilbara. Its habitat includes rugged, rocky areas with hummock grasses, shrubs and tall open shrublands and woodlands (Van Dyck & Strahan 2008).	Likely - The species is known from the region with records present east, west and north of the survey area. The nearest record is 15 km north of the survey area (GHD 2020).	DBCA
Arachnid						
<i>Idiosoma clypeatum</i>	Northern Shield-backed Trapdoor Spider		P3	The Northern Shield-backed Trapdoor Spider has a widespread distribution in Western Australia's inland arid zone, principally throughout the Yalgoo and Murchison bioregions where it is the only known species in the nigrum-group. It extends from near Paynes Find, the Blue Hill Range, Kadji Kadji Nature Reserve, and Karara in the south, north and north-east to at least Coolcalalaya Homestead, Jack Hills, Albion Downs, Yakabindie, and Yeelirrie. This distribution seems to be strongly correlated with annual rainfall	Unlikely – There is fragmented populations within both the Murchison and Yalgoo Regions. The nearest recorded is 14 km south-east (DBCA 2007-).	NM

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Taxonomy	Common Name	Status		Likelihood of Occurrence	Assessment	Source
		EPBC Act	BC Act/DBCA			
				of less than 250 mm. It has a known extent of occurrence of over 120,000 km ² [and while it therefore cannot be considered threatened, a 'priority 3' recommendation was made due to the widespread occurrence of this species in areas prospective for mining and mineral resources (Rix et. al. 2018).		

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