

# **Clearing Permit Decision Report**

# 1. Application details and outcomes

# 1.1. Permit application details

Permit number:	8797/2
Permit type:	Area Permit
Applicant name:	Evolution Mining (Mungari) Pty Ltd
Application received:	21 January 2025
Application area:	210.3 hectares
Purpose of clearing:	Mineral production and associated activities
Method of clearing:	Mechanical Removal
Tenure:	Mining Lease 15/829
Location (LGA area):	Shire of Coolgardie
Colloquial name:	Mungari Tailings Storage Facility 3 and 4 Expansion

# 1.2. Description of clearing activities

Evolution Mining (Mungari) Pty Ltd proposes to clear up to 210.3 hectares of native vegetation within a boundary of approximately 210.3 hectares, for the purpose of expanding the existing Tailings Storage Facility (TSF). The project is located approximately 20 kilometres west of Kalgoorlie-Boulder, within the Shire of Coolgardie (GIS Database).

Clearing permit CPS 8797/1 was granted by the Department of Mines, Industry Regulation and Safety (now the Department of Energy, Mines, Industry Regulation and Safety) on 16 April 2020 and is valid from 9 May 2020 to 8 May 2025. The permit authorised the clearing of up to 210.3 hectares of native vegetation within a boundary of approximately 210.3 hectares, for the purpose of expanding the existing TSF.

On 21 January 2025, the Permit Holder applied to amend CPS 8797/1 to extend the permit duration by five years. According to the latest annual clearing report, a total of 153.22 hectares has been cleared.

# 1.3. Decision on application and key considerations

Decision:	Grant
Decision date:	3 April 2025
Decision area:	210.3 hectares of native vegetation

# 1.4. Reasons for decision

This clearing permit amendment application was submitted, accepted, assessed, and determined in accordance with sections 51KA(1) and 51O of the *Environmental Protection Act 1986* (EP Act). The Department of Energy, Mines, Industry Regulation and Safety (DEMIRS) advertised the application for a public comment for a period of 7 days, and no submissions were received.

In making this decision, the Delegated Officer had regard for the site characteristics (**Error! Reference source not found.**), relevant datasets (Appendix C), supporting information provided by the applicant including the results of flora and vegetation surveys, the clearing principles set out in Schedule 5 of the EP Act (Appendix A), proposed avoidance and minimisation measures (Section 3.1), relevant planning instruments and any other matters considered relevant to the assessment (Section 3.3).

The assessment has not changed since the assessment for CPS 8797/1. The Delegated Officer determined that the proposed extension of duration is not likely to lead to an unacceptable risk to environmental values. The Delegated Officer decided to grant the clearing permit amendment with the existing conditions, adding a directional clearing condition to manage potential fauna fatality and updating the Malleefowl management condition.

# 2. Legislative context

The clearing of native vegetation in Western Australia is regulated under the EP Act and the Environmental Protection (Clearing of Native Vegetation) Regulations 2004 (Clearing Regulations).

In addition to the matters considered in accordance with section 510 of the EP Act (Section 1.4), the Delegated Officer has also had regard to the objects and principles under section 4A of the EP Act, particularly:

- the precautionary principle
- the principle of intergenerational equity
- the principle of the conservation of biological diversity and ecological integrity.

Other legislation of relevance for this assessment include:

- Biodiversity Conservation Act 2016 (WA) (BC Act)
- Conservation and Land Management Act 1984 (WA) (CALM Act)
- Environment Protection and Biodiversity Conservation Act 1999 (Cth) (EPBC Act)
- Mining Act 1978 (WA)

The key guidance documents which inform this assessment are:

- A guide to the assessment of applications to clear native vegetation (DER, December 2014)
- Procedure: Native vegetation clearing permits (DWER, October 2021)
- Technical guidance Flora and Vegetation Surveys for Environmental Impact Assessment (EPA, 2016b)
- Technical guidance Terrestrial Fauna Surveys for Environmental Impact Assessment (EPA, 2016a)

# 3. Detailed assessment of application

### 3.1. Avoidance and mitigation measures

Evolution Mining (Mungari) Pty Ltd (Talis, 2020) have outlined they maintain the following avoidance and mitigation measures:

- to avoid the introduction of weeds, all vehicles and machinery will be inspected prior to access to the site. In the event where any seeds or weeds are identified, they will be removed, contained and disposed of in an appropriate manner;
- surface water channels will be installed at appropriate locations;
- hydrocarbon storage, handling, disposal, and spillage response will be managed in accordance with Evolution's existing hydrocarbon management procedures. Hydrocarbon spill kits will be available to manage any spills from machinery; and
- dust will be managed through the application of dust suppressing techniques including the application of saline water via the use of water carts.

The Delegated Officer was satisfied that the applicant has made a reasonable effort to avoid and minimise potential impacts of the proposed clearing on environmental values.

# 3.2. Assessment of impacts on environmental values

A review of current environmental information (**Error! Reference source not found**.) reveals that the assessment against the clearing principles has not changed from Clearing Permit Decision Report CPS 8796/1. Given approximately 70 percent of the approved area has been cleared, the remaining vegetation, now disturbed, is not likely to provide significant habitat for conservation significant species. The amendment to extend the permit duration is not considered to accelerate the potential impacts to riparian vegetation and land degradation and does not change the assessment against the 10 clearing principles.

# 3.3. Relevant planning instruments and other matters

The clearing permit amendment application was advertised on 18 February 2025 by the Department of Energy, Mines, Industry Regulation and Safety inviting submissions from the public. No submissions were received in relation to this application.

There is one native title claim (Marlinyu Ghoorlie - WAD647/2017) over the area under application (DPLH, 2025). This claim has been determined by the Federal Court on behalf of the claimant group. However, the mining tenure has been granted in accordance with the future act regime of the *Native Title Act 1993* and the nature of the act (i.e. the proposed clearing activity) has been provided for in that process, therefore, the granting of a clearing permit is not a future act under the *Native Title Act 1993*.

There are no registered Aboriginal Sites of Significance within the application area (DPLH, 2025). It is the proponent's responsibility to comply with the *Aboriginal Heritage Act 1972* and ensure that no Aboriginal Sites of Significance are damaged through the clearing process.

Other relevant authorisations required for the proposed land use include:

• A Mining Proposal / Mine Closure Plan approved under the Mining Act 1978.

It is the proponent's responsibility to liaise with the Department of Water and Environmental Regulation and the Department of Biodiversity, Conservation and Attractions, to determine whether a Works Approval, Water Licence, Bed and Banks Permit, or any other licences or approvals are required for the proposed works.

End

Assessment against the clearing principles	Variance level	Is further consideration required?
Environmental value: biological values		
Principle (a): "Native vegetation should not be cleared if it comprises a high level of biodiversity."	May be at variance	No
Assessment:	(as per CPS	
The broader assessment recorded a total of 113 taxa from 28 families and 49 genera, including one invasive species <i>Erodium cicutarium</i> (Spectrum Ecology; 2019b). Of the five vegetation types recorded within the application area, three are considered to be locally significant due to their association with salt lake systems (Talis, 2020).	8797/1)	
Principle (b): "Native vegetation should not be cleared if it comprises the whole or a part of, or is necessary for the maintenance of, a significant habitat for fauna."	May be at variance	No
Assessment:	(as per CPS	
The fauna habitat types within the application area are commonly recorded in the region and are not restricted to the application area (Spectrum Ecology, 2019b). However, the application area may represent significant habitat if malleefowl are nesting in the vicinity. Potential impacts to Malleefowl as a result of the proposed clearing may be minimised by the continued implementation and update of the Malleefowl fauna management condition.	(as per CF3 8797/1)	
Further impacts to fauna may be managed through the implementation of a condition on the permit, ensuring the clearing occurs slowly in one direction towards native vegetation to allow for fauna to move into the surrounding environment.		
The application area contained potentially suitable habitat for the Critically Endangered Arid Bronze Azure Butterfly ( <i>Ogyris petrina</i> ) and the Priority 1 Inland Hairstreak ( <i>Jalmenus aridus</i> ) (Spectrum Ecology, 2019b). Given the extent of the clearing that has occurred (approximately 70 percent of the approved area has been cleared), the likelihood of these species occurring has reduced and the clearing of the remaining vegetation, facilitated through the extension of the clearing permit, is not likely to be considered to significant impact these species at a local level.		
Principle (c): "Native vegetation should not be cleared if it includes, or is necessary for the continued existence of, threatened flora."	Not likely to be at variance	No
Assessment:	(as per CPS	
There are no known records of Threatened flora within the application area (GIS Database). Flora surveys of the application area did not record any species of Threatened flora (Spectrum Ecology, 2019b; Talis, 2020; GIS Database). The vegetation associations within the application area are common and widespread within the region (Spectrum Ecology, 2019b; Talis, 2020; GIS Database), and the vegetation proposed to be cleared is unlikely to be necessary for the continued existence of any species of Threatened flora.	8797/1)	
Principle (d): "Native vegetation should not be cleared if it comprises the whole or a part of, or is necessary for the maintenance of, a threatened ecological community."	Not likely to be at variance	No
Assessment:	(as per CPS 8797/1)	
There are no known Threatened Ecological Communities (TECs) located within the application area and the flora and vegetation survey did not identify any TECs Spectrum Ecology, 2019b; Talis, 2020; GIS Database).	0191/1)	
Environmental value: significant remnant vegetation and conservation areas		
Principle (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."	Not at variance	No
Assessment:	(as per CPS	
The extent of the native vegetation in the local area is consistent with the national objectives and targets for biodiversity conservation in Australia (Commonwealth of Australia, 2001).	8797/1)	

Assessment against the clearing principles	Variance level	Is further consideration required?
<u>Principle (h):</u> "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."	Not likely to be at variance	No
Assessment:	(as per CPS 8797/1)	
Given the distance to the nearest conservation area, the proposed clearing is not likely to have an impact on the environmental values of nearby conservation areas.		
Environmental value: land and water resources		
<u>Principle (f):</u> "Native vegetation should not be cleared if it is growing in, or in association with, an environment associated with a watercourse or wetland."	May be at variance	No
Assessment:	(as per CPS	
There are no permanent watercourses or wetlands within the area proposed to clear (Talis, 2020; GIS Database). The application area intersects with an area prone to inundation in the northwest and an ephemeral lake in the southeast, which typically only become briefly inundated following periods of significant rainfall (Talis, 2020). Vegetation types ii and xi are present in these two areas respectively, and fall outside Evolution's proposed clearing footprint (Talis, 2020). Vegetation type iii does not occur within any ephemeral watercourse despite growing in association with salt lakes (GIS Database).	8797/1)	
Principle (g): "Native vegetation should not be cleared if the clearing of the vegetation is likely to cause appreciable land degradation."	May be at variance	No
Assessment: The proposed clearing may cause localised wind and surface water erosion to occur (Talis, 2020). The clearing will be undertaken progressively, with appropriate measures such as installing drainage channels to divert surface water and applying dust suppressing techniques to minimise any potential land degradation (Talis, 2020). Potential land degradation impacts as a result of the proposed clearing may be minimised through the continued implementation of a staged clearing condition.	(as per CPS 8797/1)	
<u>Principle (i):</u> "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."	Not likely to be at variance	No
Assessment:	(as per CPS	
Regional groundwater recharge primarily occurs from underlying aquifers with minimal direct infiltration due to the regions high evaporation rate (Talis, 2020). The proposed clearing is unlikely to cause deterioration in the quality of underground water.	8797/1)	
<u>Principle (j):</u> "Native vegetation should not be cleared if the clearing of the vegetation is likely to cause, or exacerbate, the incidence or intensity of flooding."	Not likely to be at variance	No
Assessment: There are no permanent water courses or waterbodies within the application area (GIS Database). The application area intersects small claypan areas subject to inundation in the northwest and southeast (Spectrum Ecology, 2019b; Talis, 2020). Temporary ponding and subsequent surface water runoff is typical in the region following significant rainfall events, flowing into the surrounding catchment systems (RPS, 2017). While seasonal drainage lines are common in the region and temporary localised flooding may occur briefly following heavy rainfall events, the proposed clearing is unlikely to increase the incidence or intensity of natural flooding events.	(as per CPS 8797/1)	

# Appendix B. Vegetation condition rating scale

Vegetation condition is a rating given to a defined area of vegetation to categorise and rank disturbance related to human activities. The rating refers to the degree of change in the vegetation structure, density and species present in relation to undisturbed vegetation of the same type. The degree of disturbance impacts upon the vegetation's ability to regenerate. Disturbance at a site can be a cumulative effect from a number of interacting disturbance types.

Considering its location, the scale below was used to measure the condition of the vegetation proposed to be cleared. This scale has been extracted from Trudgen, M.E. (1991) *Vegetation condition scale* in National Trust (WA) 1993 Urban Bushland Policy. National Trust of Australia (WA), Wildflower Society of WA (Inc.), and the Tree Society (Inc.), Perth.

# Measuring vegetation condition for the Eremaean and Northern Botanical Provinces (Trudgen, 1991)

Condition	Description
Excellent	Pristine or nearly so, no obvious signs of damage caused by human activities since European settlement.
Very good	Some relatively slight signs of damage caused by human activities since European settlement. For example, some signs of damage to tree trunks caused by repeated fire, the presence of some relatively non-aggressive weeds, or occasional vehicle tracks.
Good	More obvious signs of damage caused by human activity since European settlement, including some obvious impact on the vegetation structure such as that caused by low levels of grazing or slightly aggressive weeds.
Poor	Still retains basic vegetation structure or ability to regenerate it after very obvious impacts of human activities since European settlement, such as grazing, partial clearing, frequent fires or aggressive weeds.
Very poor	Severely impacted by grazing, very frequent fires, clearing or a combination of these activities. Scope for some regeneration but not to a state approaching good condition without intensive management. Usually with a number of weed species present including very aggressive species.
Completely degraded	Areas that are completely or almost completely without native species in the structure of their vegetation; i.e. areas that are cleared or 'parkland cleared' with their flora comprising weed or crop species with isolated native trees or shrubs.

# Appendix C. Sources of information

# C.1. GIS databases

Publicly available GIS Databases used (sourced from www.data.wa.gov.au):

- Aboriginal Heritage Places (DPLH-001)
- Cadastre (LGATE-218)
- Clearing Regulations Environmentally Sensitive Areas (DWER-046)
- Clearing Regulations Schedule One Areas (DWER-057)
- DBCA Lands of Interest (DBCA-012)
- DBCA Legislated Lands and Waters (DBCA-011)
- DBCA Fire History (DBCA-060)
- Groundwater Salinity Statewide (DWER-026)
- Hydrographic Catchments Catchments (DWER-028)
- Hydrography Inland Waters Waterlines
- Hydrography, Linear (DWER-031)
- IBRA Vegetation Statistics
- Native Title (ILUA) (LGATE-067)
- Native Vegetation Extent (DPIRD-005)
- Pre-European Vegetation (DPIRD-006)
- RIWI Act, Groundwater Areas (DWER-034)
- RIWI Act, Surface Water Areas and Irrigation Districts (DWER-037)
- Soil Landscape Mapping Best Available (DPIRD-027)
- Soil Landscape Mapping Rangelands (DPIRD-064)
- WA Now Aerial Imagery

Restricted GIS Databases used:

- Threatened and Priority Flora (TPFL)
- Threatened and Priority Flora (WAHerb)
- Threatened and Priority Fauna
- Threatened and Priority Ecological Communities
- Threatened and Priority Ecological Communities (Buffers)

# C.2. References

Commonwealth of Australia (2001) National Objectives and Targets for Biodiversity Conservation 2001-2005, Canberra. Department of Environment Regulation (DER) (2014) A guide to the assessment of applications to clear native vegetation.

- Perth. <u>https://www.der.wa.gov.au/images/documents/your-environment/native-</u> vegetation/Guidelines/Guide2\_assessment\_native\_veg.pdf
- Department of Planning, Lands and Heritage (DPLH) (2025) Aboriginal Cultural Heritage Inquiry System. Department of Planning, Lands and Heritage. <u>https://espatial.dplh.wa.gov.au/ACHIS/index.html?viewer=ACHIS</u> (Accessed 21
  - February 2025).
- Department of Water and Environmental Regulation (DWER) (2021) Procedure: Native vegetation clearing permits. Joondalup. <u>https://www.wa.gov.au/system/files/2023-06/procedure-native-vegetation-clearing-permits.pdf</u>

Environmental Protection Authority (EPA) (2016a) Technical Guidance - Flora and Vegetation Surveys for Environmental Impact Assessment.

http://www.epa.wa.gov.au/sites/default/files/Policies\_and\_Guidance/EPA%20Technical%20Guidance%20-%20Flora%20and%20Vegetation%20survey\_Dec13.pdf

Environmental Protection Authority (EPA) (2016b) Technical Guidance – Terrestrial Fauna Surveys. <u>https://www.epa.wa.gov.au/sites/default/files/Policies and Guidance/Tech%20guidance-</u> <u>%20Terrestrial%20Fauna%20Surveys-Dec-2016.pdf</u>

Evolution Mining (Mungari) Pty Ltd (2025) Clearing permit application form, CPS 8797/2, received 21 January 2025.

RPS (2017) Mungari TSF Expansion: Surface Water Assessment. Report prepared for Evolution Mining (Mungari) Pty Ltd, by RPS, April 2017.

Spectrum Ecology (2019b) Rayjax & Castle Hill Reconnaissance Flora & Level 1 Fauna Survey. Report prepared for Evolution Mining (Mungari) Pty Ltd, by Spectrum Ecology Pty Ltd, September 2019.

Talis (2020) Mungari TSF 3 & 4 NVCP Application – Supporting Document. Report prepared for Evolution Mining (Mungari) Pty Ltd, by Talis Consultants Pty Ltd, January 2020.

Trudgen, M.E. (1991) Vegetation condition scale in National Trust (WA) 1993 Urban Bushland Policy. National Trust of Australia (WA), Wildflower Society of WA (Inc.), and the Tree Society (Inc.), Perth.

### 4. Glossary

# Acronyms:

BC Act BoM DAA DAFWA DCCEEW DBCA DER DMIRS DER DMIRS DMP DOEE DOW DPAW DPIRD DPLH DPIRD DPLH DRF DWER EP Act EPA EPBC Act GIS ha IBRA IUCN	Biodiversity Conservation Act 2016, Western Australia Bureau of Meteorology, Australian Government Department of Aboriginal Affairs, Western Australia (now DPLH) Department of Agriculture and Food, Western Australia (now DPIRD) Department of Climate Change, Energy, the Environment and Water, Australian Government Department of Biodiversity, Conservation and Attractions, Western Australia Department of Energy, Mines, Industry Regulation and Safety Department of Energy, Mines, Industry Regulation and Safety Department of Mines, Industry Regulation and Safety, Western Australia (now DWER) Department of Mines, Industry Regulation and Safety, Western Australia (now DEMIRS) Department of Mines and Petroleum, Western Australia (now DEMIRS) Department of the Environment and Energy (now DCCEEW) Department of the Environment and Energy (now DCCEEW) Department of Parks and Wildlife, Western Australia (now DBCA) Department of Primary Industries and Regional Development, Western Australia Department of Primary Industries and Heritage, Western Australia Declared Rare Flora (now known as Threatened Flora) Department of Water and Environmental Regulation, Western Australia <i>Environmental Protection Act 1986</i> , Western Australia Environmental Protection Act 1986, Western Australia Environmental Protec
PEC RIWI Act TEC	•

#### **Definitions:**

{DBCA (2023) Conservation Codes for Western Australian Flora and Fauna. Department of Biodiversity, Conservation and Attractions, Western Australia}:

#### T <u>Threatened species:</u>

Listed by order of the Minister as Threatened in the category of critically endangered, endangered or vulnerable under section 19(1), or is a rediscovered species to be regarded as threatened species under section 26(2) of the Biodiversity Conservation Act 2016 (BC Act).

*Threatened fauna* is the species of fauna that are listed as critically endangered, endangered or vulnerable threatened species.

*Threatened flora* is the species of flora that are listed as critically endangered, endangered or vulnerable threatened species.

The assessment of the conservation status of threatened species is in accordance with the BC Act listing criteria and the requirements of <u>Ministerial Guideline Number 1</u> and <u>Ministerial Guideline</u> <u>Number 2</u> that adopts the use of the International Union for Conservation of Nature (IUCN) <u>Red List</u> of <u>Threatened Species Categories and Criteria</u>, and is based on the national distribution of the species.

# CR Critically endangered species

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

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

#### EN Endangered species

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

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

## VU Vulnerable species

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

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

#### Extinct Species:

#### EX Extinct species

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

#### EW Extinct in the wild species

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

Currently there are no threatened fauna or threatened flora species listed as extinct in the wild.

## Specially protected species:

Listed by order of the Minister as specially protected under section 13(1) of the BC Act. Meeting one or more of the following categories: species of special conservation interest; migratory species; cetaceans; species subject to international agreement; or species otherwise in need of special protection.

Species that are listed as threatened species (critically endangered, endangered or vulnerable) or extinct species under the BC Act cannot also be listed as Specially Protected species.

#### MI Migratory species

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

Migratory species include birds that are subject to an agreement between the government of Australia and the governments of Japan (JAMBA), China (CAMBA) or 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.

#### CD Species of special conservation interest (conservation dependent fauna)

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

Currently only fauna are listed as species of special conservation interest.

#### OS Other specially protected species

Species 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).

Currently only fauna are listed as species otherwise in need of special protection.

# P <u>Priority species:</u>

Priority is not a listing category under the BC Act. The Priority Flora and Fauna lists are maintained by the department and are published on the department's website.

All fauna and flora are protected in WA following the provisions in Part 10 of the BC Act. The protection applies even when a species is not listed as threatened or specially protected, and regardless of land tenure (State managed land (Crown land), private land, or Commonwealth land).

Species that may possibly be threatened species that do not meet the criteria for listing under the BC Act because of insufficient survey 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 prioritisation for survey and evaluation of conservation status so that consideration can be given to potential listing as threatened.

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

Assessment of priority status 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.

P1 Priority One - Poorly-known species – known from few locations, none on conservation lands 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, for example, 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 for threatened listing and appear to be under immediate threat from known threatening processes. These species are in urgent need of further survey.

#### P2 Priority Two - Poorly-known species – known from few locations, some on conservation lands 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, for example, 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 for threatened listing and appear to be under threat from known threatening processes. These species are in urgent need of further survey.

#### P3 Priority Three - Poorly-known species – known from several locations

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. These species need further survey.

# P4 Priority Four - Rare, Near Threatened and other species in need of monitoring

(a) Rare. Species that are considered to have been adequately surveyed, or for which sufficient knowledge is available, and that are considered not currently threatened or in need of special protection but could be if present circumstances change. These species are usually represented on conservation lands.

(b) Near Threatened. Species that are considered to have been adequately surveyed and that are close to qualifying for vulnerable but are not listed as a conservation dependent specially protected species.

(c) Species that have been removed from the list of threatened species or lists of conservation dependent or other specially protected species, during the past five years for reasons other than taxonomy.

(d) Other species in need of monitoring.

# Principles for clearing native vegetation:

- (a) Native vegetation should not be cleared if it comprises a high level of biological diversity.
- (b) Native vegetation should not be cleared if it comprises the whole or a part of, or is necessary for the maintenance of, a significant habitat for fauna.
- (c) Native vegetation should not be cleared if it includes, or is necessary for the continued existence of, threatened flora.
- (d) Native vegetation should not be cleared if it comprises the whole or a part of, or is necessary for the maintenance of a threatened ecological community.
- (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 cause appreciable land degradation.
- (h) 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.
- (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 the clearing of the vegetation is likely to cause, or exacerbate, the incidence or intensity of flooding.