

I certify that this is a copy of the authorised version of this Statutory Rule as at 24 December 2024, and that it incorporates all amendments, if any, made before and in force as at that date and any reprint changes made under any Act, in force before the commencement of the *Legislation Publication Act 1996*, authorising the reprint of Acts and statutory rules or permitted under the *Legislation Publication Act 1996* and made before 24 December 2024.

K Woodward  
Chief Parliamentary Counsel  
Dated 2 January 2025

## TASMANIA

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# **THREATENED SPECIES PROTECTION REGULATIONS 2016**

## **STATUTORY RULES 2016, No. 65**

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### **CONTENTS**

1. Short title
  2. Commencement
  3. Interpretation
  4. Permits for dealing with listed taxon
  5. General effect of listed taxon permit
  6. Import and export of listed taxon
  7. Taken listed taxon to be marked and tagged
  8. Keeping of record of dealing with listed taxon
  9. Provision of record of dealing with listed taxon
  10. False or misleading statements
  11. Nomination for addition or omission of taxon
- Schedule 1 – Nomination Form for Addition or Omission of Taxon



## **THREATENED SPECIES PROTECTION REGULATIONS 2016**

I, the Governor in and over the State of Tasmania and its Dependencies in the Commonwealth of Australia, acting with the advice of the Executive Council, make the following regulations under the *Threatened Species Protection Act 1995*.

Dated 8 August 2016.

C. WARNER  
Governor

By Her Excellency's Command,

MATTHEW GROOM  
Minister for Environment, Parks and Heritage

### **1. Short title**

These regulations may be cited as the  
*Threatened Species Protection Regulations  
2016*.

### **2. Commencement**

These regulations take effect on  
11 October 2016.

*Threatened Species Protection Regulations 2016*  
*Statutory Rules 2016, No. 65*

r. 3

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### 3. Interpretation

In these regulations –

*Act* means the *Threatened Species Protection Act 1995*;

*deal with*, in respect of a listed taxon, means take, acquire for any consideration, sell, keep, disturb, process, relocate, release, export or import;

*export* means export from the State;

*import* means import into the State;

*listed taxon permit* means a permit issued by the Secretary under regulation 4;

*notice*, in relation to a listed taxon permit, means a notice in writing served on the holder of the listed taxon permit;

*sell* means sell by wholesale or retail, and includes –

- (a) offer, display or expose for sale; and
- (b) keep or have in possession for sale; and
- (c) barter or exchange; and
- (d) deal in or agree to sell; and
- (e) supply, send, forward or deliver for sale or for, or in expectation

of receiving, any payment or other consideration; and

- (f) authorise, cause, encourage, attempt or allow any act referred to in paragraph (a), (b), (c), (d) or (e).

#### **4. Permits for dealing with listed taxon**

- (1) A person may apply to the Secretary for a listed taxon permit to deal with a listed taxon, or group of listed taxa.
- (2) The application for a listed taxon permit is to –
  - (a) be in writing; and
  - (b) specify –
    - (i) the name and address of the applicant; and
    - (ii) the name and address of each person, other than the applicant, who it is intended will act under the authority of the permit; and
    - (iii) the listed taxon, or group of listed taxa, proposed to be dealt with under the authority of the permit; and
    - (iv) the proposed dealing to be performed with the listed taxon, or group of listed taxa, under the authority of the permit; and

*Threatened Species Protection Regulations 2016*  
*Statutory Rules 2016, No. 65*

**r. 4**

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- (v) the proposed time at which or period within which the permit is to be used; and
    - (vi) the location where the proposed dealing to be performed with the listed taxon, or group of listed taxa, is to occur under the authority of the permit; and
  - (c) be supported by such information or evidence as the Secretary may require.
- (3) On receipt of the application, the Secretary is to –
  - (a) issue the listed taxon permit; or
  - (b) request the applicant to provide further information or evidence in relation to the application; or
  - (c) refuse to issue the listed taxon permit.
- (4) In determining whether or not to issue a listed taxon permit, the Secretary is to have regard to –
  - (a) the kind of listed taxon, or group of listed taxa proposed to be dealt with under the permit; and
  - (b) the proposed dealing with the listed taxon, or group of listed taxa, to be authorised under the permit; and
  - (c) the applicant's conduct in relation to any previous listed taxon permit; and

*Threatened Species Protection Regulations 2016*  
*Statutory Rules 2016, No. 65*

r. 4

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(d) any other matter the Secretary considers relevant.

(5) A listed taxon permit is to –

(a) be in writing; and

(b) specify –

(i) the listed taxon, or group of listed taxa, that may be dealt with under the permit; and

(ii) the dealing authorised by the permit; and

(iii) the name of the listed taxon permit holder; and

(iv) the name of each person, or class of persons, other than the listed taxon permit holder, who is permitted to act under the authority of the permit; and

(v) the period for which the permit remains in force; and

(vi) the location at which the dealing authorised under the permit is to be performed; and

(vii) any other terms and conditions of the permit; and

(c) contain such other information as the Secretary determines.

**5. General effect of listed taxon permit**

- (1) A listed taxon permit authorises the dealing with the listed taxon, or group of listed taxa, specified in the permit by –
  - (a) a person named in the listed taxon permit; and
  - (b) unless the listed taxon permit provides to the contrary, an employee or subcontractor of a person named in the listed taxon permit acting on that person's behalf with his or her written authority.
- (2) The Secretary may amend or revoke a listed taxon permit after giving notice to the listed taxon permit holder of the Secretary's intention to do so.
- (3) The holder of a listed taxon permit must not contravene, or cause or allow another person to contravene, a term or condition of the listed taxon permit.

Penalty: Fine not exceeding 100 penalty units and, in the case of a continuing offence, a further fine not exceeding 20 penalty units for each day during which the offence continues.

**6. Import and export of listed taxon**

Except as may be authorised by a listed taxon permit, a person must not knowingly import or



export a listed taxon, or knowingly cause or allow the import or export of a listed taxon.

Penalty: Fine not exceeding 100 penalty units and, in the case of a continuing offence, a further fine not exceeding 20 penalty units for each day during which the offence continues.

**7. Taken listed taxon to be marked and tagged**

- (1) This regulation applies to a listed taxon permit that authorises the taking of a listed taxon or group of listed taxa.
- (2) The Secretary, by notice, may require the holder of a listed taxon permit to affix a tag or mark, in the manner specified in the notice, to a listed taxon taken pursuant to the listed taxon permit.
- (3) The Secretary may issue the holder of the listed taxon permit with the tag or mark or may specify in the notice the kind of tag or mark to be affixed.
- (4) The holder of the listed taxon permit must comply with a notice served under subregulation (2).

Penalty: Fine not exceeding 100 penalty units and, in the case of a continuing offence, a further fine not exceeding 20 penalty units for each day during which the offence continues.

*Threatened Species Protection Regulations 2016*  
*Statutory Rules 2016, No. 65*

r. 8

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- (5) Except as may be authorised by the Secretary, a person must not remove a tag or mark affixed to a listed taxon in accordance with this regulation.

Penalty: Fine not exceeding 100 penalty units.

- (6) A person must not damage or interfere with a tag or mark affixed to a listed taxon in accordance with this regulation.

Penalty: Fine not exceeding 100 penalty units.

**8. Keeping of record of dealing with listed taxon**

- (1) In this regulation –

*listed taxon record* means a record, of a dealing with a listed taxon, that includes –

- (a) the name of the listed taxon; and
- (b) the number of specimens of the listed taxon or, if applicable, the number of eggs or other part of the listed taxon, dealt with; and
- (c) if applicable, the name and address of each person –
  - (i) to whom the listed taxon, or part of the listed taxon, is sold; and
  - (ii) from whom the listed taxon, or part of the listed taxon, is bought; and

- (d) if applicable, the name of each place or institution to which the listed taxon, or part of the listed taxon, is sent or at which it is left.
- (2) The Secretary, by notice, may require the holder of a listed taxon permit to keep a listed taxon record in relation to a listed taxon dealt with in accordance with the permit.
- (3) The holder of the listed taxon permit must comply with the notice served under subregulation (2).

Penalty: Fine not exceeding 100 penalty units and, in the case of a continuing offence, a further fine not exceeding 20 penalty units for each day during which the offence continues.

## **9. Provision of record of dealing with listed taxon**

- (1) The Secretary, by notice, may require the holder of a listed taxon permit to give the Secretary, within such period as is specified in the notice, a copy of the listed taxon record kept under regulation 8 that relates to a day or period specified in the notice.
- (2) The holder of the listed taxon permit must comply with the notice served under subregulation (1).

Penalty: Fine not exceeding 100 penalty units and, in the case of a continuing offence, a further fine not exceeding

*Threatened Species Protection Regulations 2016*  
*Statutory Rules 2016, No. 65*

**r. 10**

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20 penalty units for each day during  
which the offence continues.

**10. False or misleading statements**

A person must not, in keeping or giving any information required under these regulations –

- (a) make a statement knowing it to be false or misleading; or
- (b) omit any matter from a statement knowing that without that matter the statement is false or misleading; or
- (c) provide a document that the person knows to be false or misleading without informing the person to whom the document is provided of that knowledge and the basis for that knowledge.

Penalty: Fine not exceeding 100 penalty units.

**11. Nomination for addition or omission of taxon**

For the purposes of section 16(2) of the Act, the form set out in Schedule 1 is the prescribed form.

*Threatened Species Protection Regulations 2016*  
*Statutory Rules 2016, No. 65*

sch. 1

**SCHEDULE 1 – NOMINATION FORM FOR ADDITION  
OR OMISSION OF TAXON**

Regulation 11

**Threatened Species Nomination under the *Threatened Species Protection Act 1995***

**SECTION 1: DETAILS OF THE NOMINATED SPECIES**

**NAME OF SPECIES OR SUBSPECIES**

Scientific name:

\_\_\_\_\_

Common name:

\_\_\_\_\_

**TAXONOMY**

Provide any relevant detail on the species' taxonomy (e.g. authors of taxon or naming authority, year of reference, synonyms, Family and Order)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**CONVENTIONALLY ACCEPTED**

Is the species' taxonomy conventionally accepted?

☐ Yes

☐ No

If the species is not conventionally accepted, please provide the following information:

- A taxonomic description of the species in a form suitable for publication in conventional scientific literature;  
OR
- Evidence that a scientific institution has a specimen of the species, and a written statement signed by a person who is a taxonomist and has relevant expertise (has worked with or is a published author on the class of species nominated), that the species is considered to be a new species.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**DESCRIPTION (not applicable for delisting)**

Provide a description of the species including where relevant, distinguishing features. How distinct is this species in its appearance from other species? How likely is it to be misidentified? Please include similar or confusing species.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

# *Threatened Species Protection Regulations 2016*

## *Statutory Rules 2016, No. 65*

**sch. 1**

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### **TASMANIAN ABORIGINAL CULTURAL SIGNIFICANCE**

Is the species known to have cultural significance for Tasmanian Aboriginal groups? If so, which groups? Provide information on the nature of this significance if publicly available.

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### **DISTRIBUTION**

Provide a succinct overview of the species' known or estimated current and past distribution in Tasmania. Indicate relevant features of the species distribution in Tasmania, e.g. subpopulations, fragmentation, abundance, local extinctions. Please indicate if the species is endemic, or where else it occurs for context. Provide a map if possible to aid the rigour and reliability of spatial data. The provision of a map and related data will help facilitate decision making. The points/records should be provided in a .csv or .xlsx format. Please include records of the species from the Natural Values Atlas, and indicate the source of any other data. The data must include grid references in GDA94, accuracy in metres, date of observation accurate to the day, observer name, estimates of the number of mature individuals and area occupied, and notes on disturbance and potential threats.

Please also indicate the Area of Occupancy (AOO), Extent of Occurrence (EOO) and population size. For definitions of AOO, EOO, subpopulations, fragmentation and fluctuations please refer to the [\*Guidelines for Using the IUCN Red List Categories and Criteria\*](#).

Please include reservation status (i.e. is the species protected within the reserve system: national parks, Indigenous Protected Areas, or other conservation estates, private land covenants etc). Which reserves are actively managed for the species? Give details. Figures, tables, data and maps can be included at the end of the form or provided as separate electronic files or hardcopy documents, referenced as appendices or attachments in your nomination.

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### **SURVEYS**

Provide an overview of the survey effort for the species to date, and the likelihood of the species' current known distribution and/or population size being its actual distribution and/or population size. Where available, include references that document survey results and methodology. Provide latitude, longitude, map datum, location name, land tenure, number of individuals and date of survey where available. The data must include grid references in GDA94, and accuracy in meters. Please include other relevant comments regarding the species' location.

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# *Threatened Species Protection Regulations 2016*

## *Statutory Rules 2016, No. 65*

sch. 1

### POPULATION SUMMARY

Please complete the population summary table below, if possible, and add rows if necessary. Please make sure to note if a population has been translocated, and the year of translocation.

	Site Name	Tenure	IBRA Region (Interim Biogeographic Regionalisation for Australia)	1:25 000 mapsheet or Grid Reference (GDA94)	Year last (first) seen	Number of mature individuals
1						
2						
3						
4						

### BIOLOGY/ECOLOGY

Provide a summary of biological and ecological information.

Include information on:

- Life cycle including age at sexual maturity, life expectancy, natural mortality rates, generation length, natural fluctuations in numbers

\*for the definition of generation length, please refer to the [Guidelines for Using the IUCN Red List Categories and Criteria](#).

- Specific biological characteristics
- Habitat requirements for the species
- For fauna: feeding behaviour and food preference and daily/seasonal movement patterns
- For flora: pollination and seed dispersal patterns

### SECTION 2 –THREATS

#### IDENTIFICATION OF KNOWN THREATS AND IMPACT OF THE THREATS

Identify in the tables below any known threats to the species, under provided headings indicate if the threat is **past**, **current** or **future**.

Use the table below to determine what are the most serious plausible threats and which subpopulations do these threaten. This will help determine the number of locations for the assessment below.

\* for the definition of location and how the number of locations is determined, please refer to the [Guidelines for Using the IUCN Red List Categories and Criteria](#).

Please avoid broad threats such as 'climate change' or 'altered fire regimes'. Be as specific as possible. What aspect(s) of climate change are most relevant to the species? To what degree do changes to fire regimes impact the species in question?

# Threatened Species Protection Regulations 2016

## Statutory Rules 2016, No. 65

### sch. 1

\*for guidance on how to define threats, and to determine scope and severity of the threat, please refer to the [IUCN – CMP Unified Classification of Direct Threats](#)

\*please also refer to the Australian Governments website for information of key threatening processes: [Key threatening processes under the EPBC Act - DCCEEW](#), but please take care to interpret these from a Tasmanian perspective.

**NB – FIRE AS A THREAT.** Changes to fire regimes may be a serious plausible threat. However, be as specific as possible in describing this change. For guidance, please refer to the Australian Government Listing Advice and Information Sheet: [DAWE \(2022\) Fire regimes that cause declines in biodiversity](#). Department of Agriculture, Water and the Environment, Canberra, April. CC BY 4.0

**NB – CLIMATE CHANGE AS A THREAT.** If climate change is an important threat to the nominated species, it is important that you provide referenced information on exactly how climate change might significantly increase the nominated species' vulnerability to extinction. For guidance, refer to the [Guidelines for Using the IUCN Red List Categories and Criteria](#) for assessing climate change as a threat to native species.

Threat	Status and Severity Include if possible: <ul style="list-style-type: none"> <li>• Timing</li> <li>• Confidence</li> <li>• Likelihood</li> <li>• Consequence</li> <li>• Trend</li> <li>• Extent</li> </ul>	Evidence

Timing—identifies the temporal nature of the threat (i.e. past, present, future)

Confidence—identifies the nature of the evidence about the impact of the threat on the species

Likelihood—identifies the likelihood of the threat impacting on the whole population or extent of the species:

Almost certain – expected to occur every year

Likely – expected to occur at least once every five years

Possible – might occur at some time

Unlikely –known to have occurred only a few times

Unknown – currently unknown how often the threat will occur

Consequence—identifies the severity of the threat:

Not significant – no long-term effect on individuals or populations

Minor – individuals are adversely affected but no effect at population level

Moderate – population recovery stable or declining

Major – population decline is ongoing

Catastrophic – population trajectory close to extinction

Trend—identifies the extent to which it will continue to operate on the species

Extent—identifies its spatial context in terms of the range of the species



# Threatened Species Protection Regulations 2016 Statutory Rules 2016, No. 65

sch. 1

## LIKELIHOOD VERSUS CONSEQUENCES OF KNOWN THREATS

Please fill out the risk matrix below based on the likelihood of the threat occurring, and the consequence if and when the threat may occur. This risk matrix may guide prioritisation of conservation efforts.

Likelihood	Consequences				
	Not significant	Minor	Moderate	Major	Catastrophic
Almost certain					
Likely					
Possible					
Unlikely					
Unknown					

Risk Matrix legend/Risk rating:

Low Risk	Moderate Risk	High Risk	Very High Risk
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Priority actions may be developed to manage the threat particularly where the risk is deemed to be 'very high' or 'high'. For those threats with an unknown or low risk outcome it may be more appropriate to identify further research or maintain a watching brief.

## THREAT ABATEMENT

Give an overview of recovery and threat abatement/mitigation actions that are underway and/or proposed.

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## SECTION 3 – LISTING CATEGORY

### CURRENT LISTING CATEGORY

What category is the species currently listed under the TSP Act?

- ☐ not listed
 ☐ endangered – presumed extinct
 ☐ endangered – extant
 ☐ vulnerable
 ☐ rare

### NOMINATED LISTING CATEGORY

Note: after answering the questions below relating to the eligibility against the criteria sufficient evidence should be available to determine the category for listing. Refer to the indicative threshold criteria in the *Guidelines for Eligibility for Listing Under the Threatened Species Protection Act 1995* (<https://nre.tas.gov.au/Documents/Threatspeciesguidelines.pdf>).

- ☐ delist
 ☐ endangered – presumed extinct
 ☐ endangered – extant
 ☐ vulnerable
 ☐ rare

*Threatened Species Protection Regulations 2016*  
*Statutory Rules 2016, No. 65*

**sch. 1**

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**SECTION 4 – TRANSFERRING A SPECIES TO ANOTHER CATEGORY IN THE LIST, OR DELISTING A SPECIES**

Note: if the nomination is to transfer a species in the threatened species list, or to delist, please complete this section. If the nomination is for a new listing, please skip this section and proceed to the Eligibility section below.

**REASON FOR THE NOMINATION TO TRANSFER TO ANOTHER CATEGORY OR TO DELIST**

Please mark the boxes that apply:

☐ genuine change of status   ☐ new knowledge   ☐ error

☐ other (please specify) \_\_\_\_\_

Taxonomic change:

☐ 'split'   ☐ newly described   ☐ 'lumped'   ☐ no longer valid

☐ other (please specify) \_\_\_\_\_

**INITIAL LISTING**

Describe the reasons for the species' initial listing and if available, the criteria under which it was formerly considered eligible.

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**CHANGES IN SITUATION**

With regard to the listing criteria, how have circumstances changed since the species was listed that now makes it eligible for listing in another category or to delist?

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**SECTION 5 – LISTING ASSESSMENT**

**ASSESSMENT PARAMETERS**

Metric	Estimate used in the assessment	Minimum plausible value	Maximum plausible value	Justification [Provide clear and succinct justification for the estimate chosen, minimum and maximum plausible values, citing sources]
Number of mature individuals				

*Threatened Species Protection Regulations 2016*  
*Statutory Rules 2016, No. 65*

sch. 1

Metric	Estimate used in the assessment	Minimum plausible value	Maximum plausible value	Justification [Provide clear and succinct justification for the estimate chosen, minimum and maximum plausible values, citing sources]
Trend	[Insert trend here. Example text:] declining/stable/increasing observed/inferred/projected include relevant time frame / period			
Generation length (years)				<p><i>Definition: Generation length is defined as the average age of parents of the current cohort (i.e., newborn individuals in the population), and reflects the turnover rate of breeding individuals in a population.<sup>1</sup></i></p> <p><i>Generation Length = (longevity + age at maturity) / 2</i></p>
Extent of occurrence				
<p><i>EOO is defined as "the area contained within the shortest continuous imaginary boundary which can be drawn to encompass all the known, inferred or projected sites of present occurrence of a taxon, excluding cases of "vagranity" (IUCN 2001, 2012b). EOO can often be measured by a minimum convex polygon in which no internal angle exceeds 180 degrees and which contains all sites of occurrence."<sup>1</sup></i></p>				
Trend	[Insert trend here. Example text:] contracting/stable/increasing			
Area of Occupancy				
<p><i>AOO is a standardised spatial measure of the risk of extinction, that represents the area of suitable habitat known, inferred or projected to be currently occupied by the taxon. It is estimated using a 2 x 2 km grid to enable comparison with the criteria thresholds. The resolution (grid size) that maximizes the correlation between AOO and extinction risk is determined more by the spatial scale of threats than by the spatial scale at which AOO is estimated or shape of the taxon's distribution. It is not a fine-scale estimate of the actual area occupied. In some cases, AOO is the smallest area essential at any stage to the survival of existing populations of a taxon (e.g. breeding sites for migratory species).<sup>1</sup></i></p>				
Trend	[Insert trend here. Example text:] contracting/stable/increasing Contracting due to conversion of native grasslands for agriculture			
Number of subpopulations				<p><i>Definition: Subpopulations are defined as geographically or otherwise distinct groups in the population between which there is little demographic or genetic exchange (typically one successful migrant individual or gamete per year or less)<sup>1</sup>.</i></p>
Trend	[Insert trend here. Example text:] declining/stable/increasing			
Basis of assessment of subpopulation number	[Insert basis here] State how the number of subpopulations was calculated.			

*Threatened Species Protection Regulations 2016*  
*Statutory Rules 2016, No. 65*

sch. 1

Metric	Estimate used in the assessment	Minimum plausible value	Maximum plausible value	Justification [Provide clear and succinct justification for the estimate chosen, minimum and maximum plausible values, citing sources]
Number of locations				<p>[For clarity of interpretation and to support future reassessments, briefly explain which threat(s) is the most serious plausible threat and the rationale for interpreting this in the context of estimating the number of locations]</p> <p>[To determine number of locations, list the most serious plausible threat and which subpopulations are likely to be covered by the same threatening event.]</p> <p><i>Definition:</i></p> <p><i>"Location" refers to a threat-based area, and is different from the general notions of location and locality. Justification for the number of locations used in the assessment should consider all areas whether they are under threat or not, and, for areas that are under threat, should include reference to the most serious plausible threat(s) <sup>1</sup>.</i></p> <p><i>"Where a taxon is affected by more than one threatening event, location should be defined by considering the most serious plausible threat." <sup>1</sup></i></p>
Trend	[Insert trend here. Example text:] declining/stable/increasing			
Basis of assessment of location number	[Insert basis here]			

*Threatened Species Protection Regulations 2016*  
*Statutory Rules 2016, No. 65*

sch. 1

Metric	Estimate used in the assessment	Minimum plausible value	Maximum plausible value	Justification [Provide clear and succinct justification for the estimate chosen, minimum and maximum plausible values, citing sources]
Fragmentation	[Insert basis here]  Does >50% of the population occur in habitat patches that are 1) too small to support a viable population and; 2) separated from other habitat patches by a large distance relative to dispersal?  <i>Definition: "A taxon can be considered to be severely fragmented if most (&gt;50%) of its total area of occupancy is in habitat patches that are (1) smaller than would be required to support a viable population, and (2) separated from other habitat patches by a large distance relative to dispersal kernel of the species" <sup>1</sup></i>			
Fluctuations	[Insert basis here]  <i>"Extreme fluctuations can be said to occur in a number of taxa where population size or distribution area varies widely, rapidly and frequently, typically with a variation greater than one order of magnitude (i.e., a tenfold increase or decrease)." (IUCN 2001, 2012b)<sup>1</sup></i>			

<sup>1</sup> Definitions as per version 15 of the [Guidelines for Using the IUCN Red List Categories and Criteria](#)

## ASSESSMENT

Must assess against all criteria. If there is not enough evidence or data to make an assessment of a given criteria, please also state: e.g. Data Deficient.

Please note that the *Threatened Species Protection Act 1995* does not currently have a Critically Endangered category. Please assess as per the criteria below, but note that any species assessed as Critically Endangered will be listed in Schedule 3, Part 1: endangered – extant.

# Threatened Species Protection Regulations 2016

## Statutory Rules 2016, No. 65

sch. 1

### CRITERION A:

Population size reduction (reduction in total numbers)			
Population reduction (measured over the longer of 10 years or 3 generations) based on any of A1 to A4			
	Critically Endangered Very severe reduction	Endangered Severe reduction	Vulnerable Substantial reduction
<b>A1</b>	≥ 90%	≥ 70%	≥ 50%
<b>A2, A3, A4</b>	≥ 80%	≥ 50%	≥ 30%
<p><b>A1</b> Population reduction observed, estimated, inferred or suspected in the past and the causes of the reduction are clearly reversible AND understood AND ceased.</p> <p><b>A2</b> Population reduction observed, estimated, inferred or suspected in the past where the causes of the reduction may not have ceased OR may not be understood OR may not be reversible.</p> <p><b>A3</b> Population reduction, projected or suspected to be met in the future (up to a maximum of 100 years) [(a) cannot be used for A3]</p> <p><b>A4</b> An observed, estimated, inferred, projected or suspected population reduction where the time period must include both the past and the future (up to a max. of 100 years in future), and where the causes of reduction may not have ceased OR may not be understood OR may not be reversible.</p> <p style="text-align: center;">based on any of the following</p> <p>(a) direct observation [except A3]</p> <p>(b) an index of abundance appropriate to the taxon</p> <p>(c) a decline in area of occupancy, extent of occurrence and/or quality of habitat</p> <p>(d) actual or potential levels of exploitation</p> <p>(e) the effects of introduced taxa, hybridization, pathogens, pollutants, competitors or parasites</p>			

Please identify whether the species meets A1, A, A3, or A4. Include an explanation, supported by data and information, on how the species meets the criterion (A1–A4).

**You must provide a response.** If there is no evidence to demonstrate a population size reduction this **must be** stated.

### Assessment result

### Justification

*Threatened Species Protection Regulations 2016*  
*Statutory Rules 2016, No. 65*

sch. 1

**CRITERION B:**

Geographic distribution is precarious for either extent of occurrence AND/OR area of occupancy			
	Critically Endangered Very restricted	Endangered Restricted	Vulnerable Limited
B1. Extent of occurrence (EOO)	< 100 km <sup>2</sup>	< 5,000 km <sup>2</sup>	< 20,000 km <sup>2</sup>
B2. Area of occupancy (AOO)	< 10 km <sup>2</sup>	< 500 km <sup>2</sup>	< 2,000 km <sup>2</sup>
AND at least 2 of the following 3 conditions:			
(a) Severely fragmented OR Number of locations	= 1	≤ 5	≤ 10
(b) Continuing decline observed, estimated, inferred or projected in any of: (i) extent of occurrence; (ii) area of occupancy; (iii) area, extent and/or quality of habitat; (iv) number of locations or subpopulations; (v) number of mature individuals			
(c) Extreme fluctuations in any of: (i) extent of occurrence; (ii) area of occupancy; (iii) number of locations or subpopulations; (number of mature individuals			

Please refer to the *Guidelines for Using the IUCN Red List Categories and Criteria* and the *Guidelines for eligibility for listing under the Threatened Species Protection Act 1995* for assistance with interpreting the criterion particularly in relation to calculating area of occupancy and extent of occurrence and understanding the definition and use of location.

Please identify whether the species meets B1 or B2. Include an explanation, supported by data and information on how the species meets at least 2 of (a) (b) or (c).

Please note that locations must be defined by a threat. A location is a geographically or ecological distinct area in which a single threatening event can rapidly affect all individuals of the species present.

**You must provide a response.** If there is no evidence to demonstrate that the geographic distribution is precarious for either extent of occurrence AND/OR area of occupancy this **must** be stated.

**Assessment result**

**Justification**

*Threatened Species Protection Regulations 2016*  
*Statutory Rules 2016, No. 65*

sch. 1

**CRITERION C:**

Small population size and decline			
	Critically Endangered Very low	Endangered Low	Vulnerable Limited
Estimated number of mature individuals	< 250	< 2,500	< 10,000
AND either (C1) or (C2) is true			
C1 An observed, estimated or projected continuing decline of at least (up to a max. of 100 years in future	Very high rate 25% in 3 years or 1 generation (whichever is longer)	High rate 20% in 5 years or 2 generation (whichever is longer)	Substantial rate 10% in 10 years or 3 generations (whichever is longer)
C2 An observed, estimated, projected or inferred continuing decline AND its geographic distribution is precarious for its survival based on at least 1 of the following 3 conditions:			
(i) Number of mature individuals in each subpopulation	≤ 50	≤ 250	≤ 1,000
(a) (ii) % of mature individuals in one subpopulation =	90 – 100%	95 – 100%	100%
(b) Extreme fluctuations in the number of mature individuals			

Please identify the estimated total number of mature individuals and either an answer to C1 or C2. Include an explanation, supported by data and information, on how the species meets the criteria. Note: if the estimated total number of mature individuals is unknown but presumed to be likely to be >10,000 you are not required to provide evidence in support of C1 or C2, just state that the number is likely to be >10,000.

**You must provide a response.** If there is no evidence to demonstrate small population size this **must be** stated.

**Assessment result**

**Justification**



*Threatened Species Protection Regulations 2016*  
*Statutory Rules 2016, No. 65*

sch. 1

**CRITERION D:**

Very small population			
	Critically Endangered Extremely low	Endangered Very Low	Vulnerable Low
D1 Number of mature individuals	< 50	< 250	< 1,000
D2 only applies to the Vulnerable category  Restricted area of occupancy or number of locations with a plausible future threat that could drive the species to critically endangered or Extinct in a very short time			D2. Typically: area of occupancy < 20 km <sup>2</sup> or number of locations ≤ 5

Please identify the estimated total number of mature individuals and evidence on how the figure was derived.

**You must provide a response.** If there is no evidence to demonstrate very small population size and decline this **must be** stated.

**Assessment result**

**Justification**

**CRITERION E:**

Quantitative Analysis			
	Critically Endangered Immediate future	Endangered Near future	Vulnerable Medium-term future
Indicating the probability of extinction in the wild to be:	≥ 50% in 10 years or 3 generations, whichever is longer (100 years max.)	≥ 20% in 20 years or 5 generations, whichever is longer (100 years max.)	≥ 10% in 100 years

Please identify the probability of extinction and evidence as to how the analysis was undertaken.

**You must provide a response.** If there has been no quantitative analysis, this **must be** stated.

**Assessment result**

*Threatened Species Protection Regulations 2016*  
*Statutory Rules 2016, No. 65*

**sch. 1**

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**Justification**

**RARE** - Please refer to CRITERION (4) – RARE in the *Guidelines for eligibility for listing under the Threatened Species Protection Act 1995* for the assessment criteria for the rare category.

Only assess the rare category if the species does not meet the criteria for endangered (including critically endangered) or vulnerable. If the species is currently listed as rare and is being nominated for delisting then a justification against the rare criteria should also be provided below.

**Assessment result**

[List the criteria that the species meets (e.g. Rare A1)]

**Justification**

[example text: The species has an EOO of <2000 km<sup>2</sup> and is threatened by existing ongoing processes therefore qualifies under Criterion A1]

**SUMMARY OF CRITERIA UNDER WHICH THE SPECIES IS ELIGIBLE FOR LISTING**

Please mark the criteria and sub-criteria that apply

- ☐ Criterion A ☐ A1 (specify at least one of the following) ☐ a) ☐ b) ☐ c) ☐ d) ☐ e) AND/OR  
☐ A2 (specify at least one of the following) ☐ a) ☐ b) ☐ c) ☐ d) ☐ e) AND/OR  
☐ A3 (specify at least one of the following) ☐ a) ☐ b) ☐ c) ☐ d) ☐ e) AND/OR  
☐ A4 (specify at least one of the following) ☐ a) ☐ b) ☐ c) ☐ d) ☐ e)
- ☐ Criterion B ☐ B1 (specify at least two of the following) ☐ a) ☐ b) ☐ c) AND/OR  
☐ B2 (specify at least two of the following) ☐ a) ☐ b) ☐ c) AND/OR
- ☐ Criterion C ☐ estimated number of mature individuals AND  
Either C1 or C2, either a or b  
☐ C1 OR 2 of C2 a(i), a(ii) or b  
☐ C2 ☐ a (i) ☐ a (ii)  
☐ C2 ☐ (b)
- ☐ Criterion D ☐ D1  
☐ D2
- ☐ Criterion E
- ☐ Rare

*Threatened Species Protection Regulations 2016*  
*Statutory Rules 2016, No. 65*

sch. 1

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**SECTION 6 - CONSERVATION MANAGEMENT ACTIONS**

**CONSERVATION MANAGEMENT ACTIONS**

Provide details of current conservation management actions for the species. Include details of recovery plans, threat abatement actions, state government programs, work being undertaken by conservation groups, protected areas for the species, rebuilding or restocking programs etc...

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**MANAGEMENT PLANS LEGISLATIVE BASIS**

Is the plan of management (or some component/s of it) in force under Commonwealth or State/Territory Law? If so, provide details.

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**REDUCTION OR CESSATION OF CONSERVATION MANAGEMENT ACTIONS –  
FOR DELIST NOMINATIONS ONLY**

If the management actions referred to above were to be reduced or cease as a result of the species being removed from the list, would this result in the decline of the species at such a rate that it would again become eligible for listing in the foreseeable future? Please ensure that you provide evidence and appropriate references to support your response.

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**SECTION 7 – OTHER CONSIDERATIONS**

**EXISTING RESEARCH AND FURTHER STUDIES**

Identify relevant studies or management documentation that might relate to the species (e.g. research projects, national park management plans, recovery plans, conservation plans, threat abatement plans, etc.).

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**ADDITIONAL COMMENTS/INFORMATION**

Please include any additional comments or information on the species such as survey or monitoring information, maps that would assist with the consideration of the nomination.

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*Threatened Species Protection Regulations 2016*  
*Statutory Rules 2016, No. 65*

**sch. 1**

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**IMAGES OF THE SPECIES**

Please include or attach images of the species if available.

**IMAGE CONSENT STATEMENT**

The Department of Natural Resources and Environment Tasmania (NRE Tas) is seeking permission to use the image(s) provided with the nomination. NRE Tas may choose to use the image in a variety of ways including (but not limited to) printed and online content, social media and press releases. The owner of the image will be attributed if the image is used.

If you own the copyright to the image(s) please select the appropriate box to state your preference. For images sourced from others, include the copyright owner's details. If the source of the image is unknown, please indicate this as well.

- ☐ I own the copyright and give permission for NRE Tas to use the image(s)
- ☐ I own the copyright and do not give permission for NRE Tas to use the image(s)
- ☐ I do not own the copyright. Permission should be sought from

**SECTION 8 – REVIEWERS AND REFERENCES**

**REVIEWERS**

Has the information been peer-reviewed? Have relevant experts been consulted on this nomination? If so, please include their names, current professional positions and contact details.

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**REFERENCE LIST**

Please list key references/documentation you have referred to in your nomination.

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**NOMINATORS DETAILS**

Note: your nomination will be treated as a public document unless you indicate that all or any part of your information is confidential. Information from the nomination may be disseminated to state and territory governments and scientific committees which have agreed to collaborate with the Commonwealth on national threatened species assessments using a common assessment method.

Your nomination may be published in full or included in a published summary report. Personal information will be managed in accordance with the *Personal Information Protection Act 2004*. Information provided to the Government may be provided to an applicant under the provisions of the *Right to information Act 2009*. Such requests, including

*Threatened Species Protection Regulations 2016*  
*Statutory Rules 2016, No. 65*

**sch. 1**

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determining whether information is exempt from release, will be handled in accordance with the provisions of the Act.

If there are multiple nominators, please include details below for all the nominators.

TITLE (Mr/Mrs/Dr/Prof/etc.)

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FULL NAME

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ORGANISATION OR COMPANY NAME (IF APPLICABLE)

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CONTACT DETAILS

Email:

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Phone:

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Postal Address:

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**DECLARATION**

I declare that, to the best of my knowledge, the information in this nomination and its attachments are true and correct.

Signed:

*\*\* If submitting by email please attach an electronic signature*

Date:

**LODGING YOUR NOMINATION**

Completed nominations may be lodged either:

1. By email to [ThreatenedSpecies.Enquiries@nre.tas.gov.au](mailto:ThreatenedSpecies.Enquiries@nre.tas.gov.au)
2. By Mail to: Threatened Species Coordinator  
Threatened Species and Conservation Programs Branch  
GPO Box 44  
Hobart, Tasmania, 7001

*Threatened Species Protection Regulations 2016*  
*Statutory Rules 2016, No. 65*

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Printed and numbered in accordance with the *Rules Publication Act 1953*.

Notified in the *Gazette* on 17 August 2016.

**NOTES**

The foregoing text of the *Threatened Species Protection Regulations 2016* comprises those instruments as indicated in the following table. Any reprint changes made under any Act, in force before the commencement of the *Legislation Publication Act 1996*, authorising the reprint of Acts and statutory rules or permitted under the *Legislation Publication Act 1996* and made before 24 December 2024 are not specifically referred to in the following table of amendments.

Citation	Serial Number	Date of commencement
<i>Threatened Species Protection Regulations 2016</i>	S.R. 2016, No. 65	11.10.2016
<i>Threatened Species Protection Amendment Regulations 2024</i>	S.R. 2024, No. 96	24.12.2024

**TABLE OF AMENDMENTS**

Provision affected	How affected
Regulation 3	Amended by S.R. 2024, No. 96
Schedule 1	Substituted by S.R. 2024, No. 96