**Nomination form to remove a threatened species currently listed under the NSW *Biodiversity Conservation Act 2016***

Background

The purpose of this form is to provide a nomination to the NSW Threatened Species Scientific Committee (NSW TSSC) for reassessment of a listed species to determine if that a listed threatened species should be removed from Schedule 1 of the NSW *Biodiversity Conservation Act 2016* (BC Act). Please refer to the NSW TSSC Nomination Background Information document and the NSW TSSC Guidelines for information on the BC Act and criteria in the *Biodiversity Conservation Regulation 2017* (BC Regulation).

For a species to be eligible for removal from Schedule 1 of the BC Act, evidence must be provided to demonstrate that the species no longer meets Clauses 4.3 or 4.4 of the BC Act (and Clauses 4.2-4.7 of the NSW *Biodiversity Conservation Regulation 2017*). Evidence must also be provided to demonstrate that the species would not become eligible for listing in the near future as a result of the removal of conservation management programs or regulatory protections that may currently operate for the species. Unless the original assessment of the threat status of the species is considered erroneous, the IUCN (2017) guidelines state that “a taxon may be moved from a category of higher threat to a category of lower threat if and when none of the criteria of the higher category has been met for five years or more.”

How to complete the nomination form

This nomination form consists of a series of questions to help you provide the information necessary to address the criteria in the BC Act and BC Regulation. Please refer to these in order to assist your nomination. Note, terms used in the nomination form and marked with asterisk (\*) are defined in section 5 of the NSW TSSC Nomination Background Information document.

The NSW TSSC recognises that completing a nomination form is demanding due to the volume and detail of information that is required to undertake an assessment to determine the eligibility for delisting. Nominators are encouraged to seek expert advice where appropriate to assist in the completion of the nomination form. Complete as much of the nomination form as you can. While the NSW TSSC will seek advice from other sources, any information not provided in the nomination may delay the assessment process.

Include references to published journal articles or other material that support the information you have provided. Unsupported or anecdotal information may not provide sufficient evidence to demonstrate the ecological community meets the criteria for listing.

If there is insufficient information to enable details to be provided because of a lack of scientific data or analysis please include any information that is available or provide a statement next to the relevant question identifying that the data or analysis is not available.

Do not quote or provide information you have obtained from other people (usually referenced as personal communications) unless you have obtained the agreement of those people to use those statements in the nomination.

Indicate if you are providing information you have obtained on a confidential basis or data under a data licence that prohibits its release to other parties and if you have obtained permission to publicly release the confidential information or data.

Ensure you know and agree to how the Committee will use and share your nomination and the information contained in the nomination and any attachments including your personal details by signing the declaration section. If you request confidentiality please ensure you have you have not included your personal information, or any information that can be used to identify you, in the nomination or attachments.

**DO NOT DELETE ANY SECTION OF THE NOMINATION FORM INCLUDING SECTIONS LEFT BLANK**

Lodgement of nomination

The original, signed hard copy of the nomination can be posted or scanned and a pdf emailed to:

The Chairperson,

NSW Threatened Species Scientific Committee

PO Box 1967

HURSTVILLE BC NSW 1481

[Scientific.committee@environment.nsw.gov.au](mailto:Scientific.committee@environment.nsw.gov.au)

In addition to the signed copy, completed nominations can also include supporting documentation in Word, Excel (may be used for data) or PDF formats.

**Nomination form to remove a species listed under the NSW *Biodiversity Conservation Act 2016***

**1. General information**

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| 1.1 Scientific name and author of the species or equivalent (e.g. phrase name) as currently listed under the NSW BC Act. | | | | | | | |
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| 1.2 Is the species endemic to NSW (ie. is the species only found in NSW)? | | | | | | | |
| Yes | | | | | No; provide other states or territories | | |
| 1.3 Has the species been recorded in the following areas? | | | | | | | |
| Lord Howe Island: | | | | Australian Capital Territory: | | | |
| 1.4 In which category is the species currently listed under the NSW BC Act? | | | | | | | |
| Critically Endangered | | Endangered | | | | Vulnerable | |
| 1.5 In which category is the species currently listed under the Commonwealth *Environment Protection Biodiversity Conservation Act 1999* (EPBC Act)? | | | | | | | |
| Critically Endangered  Endangered | Vulnerable  Conservation Dependent | | | | Extinct  Extinct in the wild | | Not Listed |
| 1.6 Is the species listed as threatened under legislation in other States or Territories in Australia?  If so, please list the jurisdiction and threat category. | | | | | | | |
| Jurisdiction: | | | Threat category: | | | | |
| Jurisdiction: | | | Threat category: | | | | |
| Jurisdiction: | | | Threat category: | | | | |
| Jurisdiction: | | | Threat category: | | | | |
| Jurisdiction: | | | Threat category: | | | | |

**2. Reason for delisting species**

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| 2.1 What is the reason for delisting this species? | |
| Taxonomic change (clarify) | Does not meet the criteria for listing (clarify) |
| 2.2 Describe the reasons for the species’ initial listing and if available, the criteria under which it was formerly considered eligible (refer to existing Final Determination). | |
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| 2.3 With regard to the listing criteria, summarise how circumstances have changed since the species was listed to now make it eligible for delisting.  If the nomination is due to a change in taxonomy, provide details and references. | |
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**3. Geographic Distribution**

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| 3.1 Describe the species’ current distribution in Australia and attach a map of the known distribution and sites. | | | |
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| 3.2 Detail the site, land tenure, survey date(s), and estimated number of individuals of the species (where applicable). | | | |
| Site (include latitude & longitude) | Land tenure | Date of most recent survey, or record and its source | Number of individuals at site (mature\*, juveniles) |
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| 3.3 Include any other relevant information for these sites. |
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| 3.4 What is the species’ total current estimated extent of occurrence\* (in km2)? |
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| 3.5 What is the species’ total current estimated area of occupancy\* (in km2; usually calculated using 2 x 2 km grid cells)? |
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| 3.6 How many locations\* do you consider the species occurs in and why? |
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| 3.7 Has the species been adequately surveyed? Provide details. |
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**4. Species ecology/biology**

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| 4.1 Describe the species’ habitat. |
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| 4.2 Provide a description of the life cycle of the species. If possible, provide details for the length of time from juveniles to mature individuals, longevity and the estimated generation length\*. |
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| * 1. 4.3 Provide any details, including level of knowledge, on:   Fauna: Key habitat requirements, breeding biology, diet, social biology, territoriality/home range.  Flora/fungi/algae: Environmental requirements, evidence for ongoing recruitment or otherwise (including any information on pollination biology, seed bank dynamics or dormant life stages). |
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| * 1. 4.4 What is the dispersal mechanism for the species and how far is it likely to disperse/be dispersed? |
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| 4.5 How does the species respond to disturbance? |
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| 4.6 Is there any other information regarding the species’ ecology or biology relevant to a conservation status assessment? |
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**5. Species Abundance**

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| 5.1 What is the current number of mature individuals\*? Indicate if the number is based on observation, or if it is estimated or inferred (give lower and upper bounds). Where possible, estimate for each population or site (use the table in 3.2). Evidence needs to be provided on how the bounds were estimated or inferred. |
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| 5.2 Describe the population structure at known sites. Is there evidence of ongoing successful recruitment of new individuals? |
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**6. Extreme Fluctuations**

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| 6.1 Describe any evidence of extreme fluctuations\* in:  i. the species’ abundance in Australia and NSW. |
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| ii. the species’ geographic distribution\* in Australia and NSW. |
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| iii. the number of locations\* in Australia and NSW. |
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| iv. the number of populations\* in Australia and NSW. |
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**7. Threats**

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| 7.1 Identify past, current and future threats indicating whether they are actual or potential. Where historical threats have eased or are no longer relevant outline the reason why these threats are no longer relevant.  For each threat describe:   1. the number of locations\* as defined by this threat. 2. the effect of the threat so far. 3. the expected effect of the threat in the future. 4. any relevant Key Threatening Processes as listed under the BC Act. | | | | |
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| 7.2 Where possible, provide information on threats for each occurrence/site (list all sites given in 2.2, indicating if information is unavailable for certain sites). | | | | |
| Occurrence/Site | Threat | Effect on the species and/or its habitat | Is it a past, current or future threat? | Current management activities |
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| 7.3 Identify any key management documents for the species e.g. recovery plans, conservation plans, threat abatement plans etc. | | | | |
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| 7.4 If the currently implemented management actions for this species were to cease or be reduced 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 near future? Please provide evidence and appropriate references to support your response. | | | | |
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**8. Fragmentation of the species population or habitat**

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| 8.1 Is there evidence of severe fragmentation\* of the species’ populations\*, geographic distribution\* or habitat\*? If so, specify the nature and degree of the isolation between populations, and species movement between populations or habitat patches. |
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| 8.2 Are there any processes (e.g. biological, abiotic, geographic, human induced) operating to reduce habitat patch size, increase habitat patch isolation or reduce species movement? |
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**9. Population Reduction and Continuing Decline**

For all estimates of reductions the time period over which they were observed, estimated, inferred or suspected to have occurred, or are projected to occur in the future, must be specified. The assessment needs to be over a time frame appropriate to the life cycle and habitat characteristics of the species (i.e. 3 generations or 10 years, whichever is the longer). If possible, estimate the status of each population (e.g. in a table) and pattern of decline (linear, exponential or accelerated). Provide details for any assumptions made in inferring generation length, or rates of decline.

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| 9.1 Describe the evidence for, and estimates of the magnitude of past, projected future, or a combination of past and projected future reductions based on any of the following:   1. the species’ abundance (number of mature individuals\*) in Australia and NSW. |
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| 1. the species’ geographic distribution (area of occupancy\*, extent of occurrence\*) in Australia and NSW. |
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| 1. the area, extent and/or quality of habitat in Australia and NSW. |
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| 1. actual or potential levels of exploitation of the species. |
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| 1. the effects of introduced taxa, hybridization, pathogens, pollutants, competitors or parasites. |
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| 9.2 Is there a quantitative analysis that allows estimation of the extinction risk of the species? If so, please provide details. |
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**10. Appendices and Information sources**

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| --- | --- |
| 10.1 If you have attached any information to his nomination please list or describe the information below. | |
| Appendix 1 |  |
| Appendix 2 |  |
| 10.2 Has this document been refereed? If so, indicate by whom. | |

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| --- | --- | --- | --- |
| Name | Postal Address | Telephone | Email |
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| 10.3 Document all written sources, published and unpublished. Where information is not freely available please include a copy. |
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| 10.4 List any other experts, researchers or organisations relevant to the assessment of this species. |
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**Privacy information**

The information you provide in this nomination form will be used by the NSW TSSC in the assessment to determine the conservation status and listing or delisting of threatened or extinct species and threatened or collapsed ecological communities.

The NSW TSSC may forward your nomination to other people, researchers and organisations to seek advice on the information provided and/or to obtain more information relevant to the assessment and management of the species.

The NSW Government has agreed with the Commonwealth and other state and territory governments to collaborate on national threatened species assessments using a common assessment method. Your nomination, including your details as nominator, may be provided to state and territory government agencies and scientific committees as part of this collaboration unless you have requested that your personal information be treated as confidential and you have not included your personal information in the nomination or attachments.

Individuals can access their personal information or request a correction of personal information held by the NSW TSSC by contacting the NSW TSSC’s Executive Officer.

The NSW TSSC has adopted the procedures set out in the DPE Cluster Privacy Management Plan (PMP). The PMP defines personal information and provides details about the privacy principles that the NSW TSSC follows when dealing with personal information.

**11. Nominator information**

**Declaration**

I declare that the information in this nomination and any attachments is true and correct to the best of my knowledge.

I permit the NSW Threatened Species Scientific Committee to provide a copy of the nomination and any attachments to other people or organisations for expert comment or advice.

I permit the NSW Threatened Species Scientific Committee to provide location details or data included in the nomination and any attachments to the Office of Environment and Heritage for inclusion in GIS databases managed by OEH, including publicly accessible databases.

I permit the NSW Threatened Species Scientific Committee to use, reproduce, publish, communicate and distribute information (see also 11.2) contained in the nomination and any attachments, in Committee publications including determinations, assessment reports, documents for public information and on the Committee’s website.

I permit the NSW Threatened Species Scientific Committee to provide a copy of the nomination and any attachments to Commonwealth, State and Territory government agencies and associated committees or other bodies undertaking threatened species and ecological community assessments for those agencies.

Signed: Date:

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| --- | --- |
| 11.1 Nominator’s details | |
| Name |  |
| Organisation |  |
| Postal address  (required information) |  |
| Email |  |
| Phone |  |
| 11.2 Do you wish the information provided in the Nominator’s details section to be regarded as confidential? | |
| **Yes / No**  **If you have requested confidentiality please ensure you have you have not included your personal information, or any information that can be used to identify you, in the nomination or attachments.** | |

**Please note**: The Committee is subject to the provisions of the Government Information (Public Access) Act 2009 and access to the nomination and any accompanying information may be sought in accordance with that Act.

**Reference**

IUCN (2017) IUCN Standards and Petitions Subcommittee. Guidelines for Using the IUCN Red List Categories and Criteria. Version 13. Prepared by the Standards and Petitions Subcommittee. <http://cmsdocs.s3.amazonaws.com/RedListGuidelines.pdf>

NSW Biodiversity Conservation Act 2016. <https://www.legislation.nsw.gov.au/~/view/act/2016/63>

NSW Biodiversity Regulation 2017. https://www.legislation.nsw.gov.au/~/view/regulation/2017/432

NSW TSSC (2018) Nomination Background Information document. http://www.environment.nsw.gov.au/committee/HowToNominateASpeciesAsThreatened.htm

NSW TSSC (2018) Guidelines. <http://www.environment.nsw.gov.au/committee/scientificcommitteepublications.htm>