



ACT
Government

ACT Scientific Committee

Annual Report 2020-21

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Director-General, Environment, Planning and Sustainable Development
Directorate, ACT Government, GPO Box 158, Canberra ACT 2601.

Telephone: 02 6207 1923

Website: www.planning.act.gov.au

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Spotted-tailed Quoll. Credit Toni and Robert McLeish, [Canberra Nature Map](#)

1. Background



This report outlines the activities of the ACT Scientific Committee (the Committee) for the period 1 July 2020 to 30 June 2021.

The Committee was established under the [Nature Conservation Act 2014](#) (the Act), which commenced on 11 June 2015. The Minister for the Environment (the Minister) appoints the Committee members for a three-year term. The current three-year term finished at the conclusion of this reporting period, 30 June 2021.

The Committee convened four times during the reporting period. A schedule of meeting dates and member attendance is at Attachment A.

1.1. Functions

The Minister must make lists for the special protection of relevant native species under the Act. The Committee has specific statutory responsibilities to assess and make listing recommendations to the Minister on nominated items for the:

- [Threatened Native Species List](#)
- [Threatened Ecological Communities](#)
- [Key Threatening Processes List](#)
- [Protected Native Species List](#).

The Committee provides advice to the Minister about assessments and listings relevant to the ACT made by other jurisdictions under the Common Assessment Method (CAM).¹ The Committee also provides independent, expert scientific advice to the Minister and the Conservator of Flora and Fauna (the Conservator) on matters relating to nature conservation under the Act in the ACT.

1.1.1. Assessment Criteria

Assessment criteria for listing species in the ACT are developed by the Committee in consultation with the Minister, including the:

- [Threatened Native Species Eligibility Criteria](#)
- [Threatened Ecological Communities Eligibility Criteria](#)
- [Key Threatening Processes Eligibility Criteria](#)
- [Protected Native Species Criteria and Processes.](#)

The Committee or the Conservator may review the criteria if the criteria do not adequately identify items eligible to be listed, or there are changes to the international or national standards (ss 66, 72, 79, 114).

No revisions to assessment criteria were carried out during the reporting period.

1.1.2. Nominations and Listing Assessment

The Committee may receive, make or reject a nomination for an item to be included, transferred or omitted from a list and must carry out a listing assessment against the criteria above.

The Minister must consult with the Committee before including or transferring a relevant item in a list. An ACT nomination is not required for the Committee to assess and recommend a relevant nationally threatened item (an existing Commonwealth or state listed item—s. 90A) to be included, transferred or omitted from a list.

Nominations and assessments considered during the reporting period are provided in section 2.1.

1.1.3. Conservation Advice

The Committee must prepare a conservation advice for a nominated threatened item proposed for listing (s. 90C). The conservation advice must be consistent with any conservation advice guidelines prepared by the Minister (s. 90B). The conservation advice must include the outcome of the listing assessment and the criteria met and must be given to the Minister within 15 months of the commencement of the assessment process (s. 90D). The conservation advice informs the threatened species and ecological communities listing decisions made by the Minister.

The Committee may review a conservation advice on its own initiative or at the Conservator's request and may make recommendations to the Conservator about the advice (s. 90F).

Conservation advice made during the reporting period is provided in section 2.3.

1.1.4. Plans, Strategies and Reports

The Minister must seek advice from the Committee in deciding whether an action plan needs to be prepared for a relevant species (s. 100A), including those listed as critically endangered, endangered, vulnerable, regionally threatened or regionally conservation dependent.

1. The [Common Assessment Method](#) (CAM) is a consistent approach to the assessment and listing of nationally threatened species across the Australian jurisdictions. It is based on the best practice standard developed by the International Union for Conservation of Nature (IUCN), as used to create the Red List of Threatened Species, with some amendments to suit the Australian context.

The Conservator must consult with the Committee on the preparation of:

- draft Nature Conservation Strategy (s. 50)
- draft action plans (s. 102)
- draft native species conservation plans (s. 118)
- Biodiversity Research and Monitoring Program (BRAMP) (s. 25(2))
- Conservator guidelines (s. 23(2)).

The Committee must review action plans (s. 108(5)) every ten years after the plan commences or at any other time at the Conservator's request. The Committee may make recommendations to the Conservator, including that a plan is no longer needed for a species (s. 108 (7)). The Committee may also be asked to review native species conservation plans and make recommendations (s. 125) to the Conservator.

The Committee must, each financial year, give the Minister an annual report about the activities of the Committee during the year and make this report publicly accessible (s. 33).

1.2. Membership

The Act specifies that the Minister must appoint seven members to the Committee with expertise in ecology and biological diversity, conservation science or conservation management. A range of disciplines are represented so that collectively the Committee can address a variety of issues with a high degree of competence. Members are appointed by the Minister on a part-time basis.

In July 2018, seven members were appointed by the Minister ([DI2018–212](#)) for the three-year term 1 July 2018–30 June 2021:

- Distinguished Professor Arthur Georges (Chair)
- Honorary Professor Penny Olsen (Deputy Chair)
- Dr Kenneth Hodgkinson
- Associate Professor Mark Lintermans
- Assistant Professor Jasmyn Lynch
- Dr Barry Richardson
- Dr Chloe Sato.

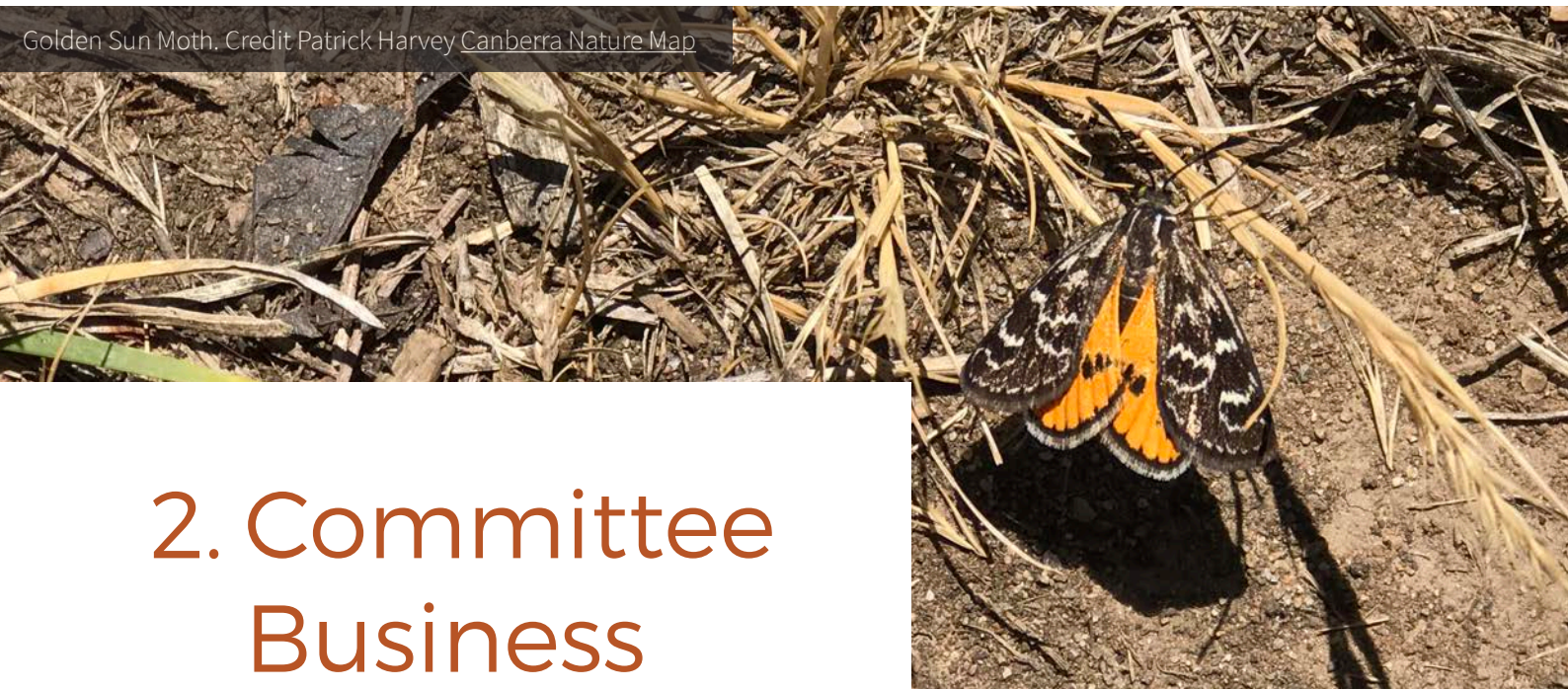
Member profiles are provided in Attachment B.

Dr Jasmyn Lynch resigned her membership of the Committee when she became Senior Director of the Conservation Planning and Policy Branch of the ACT Environment, Planning and Sustainable Development Directorate (EPSDD) in March 2020.

1.3. Secretary and Secretariat

Dr Jasmyn Lynch, Senior Director, Conservation Planning and Policy, was acting Secretary for this reporting period, assisted by Clare McInnes, Director, Biodiversity Planning and Policy, with Ministerial delegation for various functions under the Act relevant to the work of the Scientific Committee.

The Biodiversity Planning and Policy team within EPSDD provides secretariat support to the Committee. Ms Laura Parsons and Ms Hannah Zurcher, policy officers, with assistance from Ms Linden Chalmers, Assistant Director, provided administrative support for the Committee during this reporting period.



2. Committee Business

2.1. Assessment of Nominations

No nominations were assessed by the Committee during this reporting period. However, it was agreed by the Commonwealth Threatened Species Scientific Committee and the NSW Scientific Committee that the ACT Scientific Committee should lead the national assessment of the newly recognised species, *Tympanocryptis lineata* – Canberra Grassland Earless Dragon, currently listed as endangered under the EPBC Act and on the ACT Threatened Native Species List as *Tympanocryptis pinguicollis*. This assessment is expected to be progressed in the next reporting period.

It was agreed by the Commonwealth Threatened Species Scientific Committee and the Victorian Scientific Advisory Committee that the ACT Scientific Committee should lead the national assessment of the *Bossiaea grayi* – Murrumbidgee Bossiaea that was thought to be endemic to the ACT but confirmed to have a population(s) in Victoria. This assessment has been delayed due to COVID-19 restrictions in Victoria.

2.2. Threatened Listings

Under the Common Assessment Method (CAM), the Minister agreed to align threatened native species and ecological communities with other jurisdictions, including the Commonwealth. The impacts of the 2020 bushfires have resulted in a significant increase in the requirement of species (re)assessments at the Commonwealth level and no listings relevant to the ACT were finalised in this period. However, several native species in the ACT were impacted by the bushfires and are being reassessed at the national level by the Commonwealth Threatened Species Scientific Committee. While no listing recommendations were progressed to the Minister in this reporting period, several recommendations will be made by the Committee to the Minister for either new listings or transfer of status category in the ACT in the next reporting period.

The Committee has agreed that the relevant ACT species added to the Commonwealth 2020 Finalised Priority Assessment List ([FPAL](#)) due for listing (re)assessment completion in the next year include:

- *Pseudophryne dendyi* – Dendy’s Toadlet
- *Phascolarctos cinereus* – Koala (QLD/NSW/ACT population)
- *Perameles nasuta* – Long-nosed Bandicoot
- *Petauroides volans* – Greater Glider
- *Petaurus australis* – Yellow-bellied Glider
- *Liopholis montana* – Mountain Skink
- *Calyptorhynchus lathami lathami* – South-eastern Glossy Black-cockatoo
- *Callocephalon fimbriatum* – Gang-gang Cockatoo
- *Pycnoptilus floccosus* – Pilotbird
- *Keyacris scurra* – Key’s Matchstick Grasshopper.

The current ACT lists of threatened native species, threatened ecological communities and key threatening processes are at Attachment C.

2.3. Conservation Advice

The Committee prepared Conservation Advice in this reporting period for the threatened native species in Table 1.

Table 1: Conservation Advice notified on the ACT Legislation Register in the 2020–2021 reporting period.

| Scientific name | Common name | Instrument and Link Number |
|-------------------------------------|---------------------------|----------------------------|
| <i>Synemon plana</i> | Golden Sun Moth | NI2020–566 |
| <i>Perunga ochracea</i> | Perunga Grasshopper | NI2020–567 |
| <i>Aprasia parapulchella</i> | Pink-tailed Worm-lizard | NI2020–568 |
| <i>Delma impar</i> | Striped Legless Lizard | NI2020–569 |
| <i>Petrogale penicillata</i> | Brush-tailed Rock-wallaby | NI2020–786 |
| <i>Pseudomys fumeus</i> | Smoky Mouse | NI2020–787 |
| <i>Dasyurus maculatus maculatus</i> | Spotted-tailed Quoll | NI2020–788 |

2.4. Action Plans

The Minister decides if an action plan is required when a threatened native species, ecological community or key threatening process is listed. The Conservator is then responsible for preparing the action plan, detailing conservation issues and proposed conservation measures for the species/community/process. The Committee provides advice to the Conservator on whether the proposed action plan adequately addresses the conservation requirements of the species/community concerned. The Conservator consults the Committee on draft action plans prior to their mandatory release for public comment and briefs the Committee on the progress of the action plans. The Committee reviews action plans every ten years and may make recommendations to the Conservator, including that a plan may no longer be needed for a species.

There were no new draft action plans presented to the Committee for advice in this reporting period. Action plans that currently are being developed for which the Committee was updated in this period include:

- Loss of Mature Native Trees Key Threatening Process Draft Action Plan
- ACT High Country Bogs and Associated Fens Ecological Community Draft Action Plan.

2.5. Advice on Action Plan Implementation

The Committee is advised on the progress of action plan implementation every five years as reported by the Conservator to the Minister. This provides the Committee with a good opportunity to be updated on the progress of an action plan and to assist their determination as to whether reassessment of a species may be required prior to their ten-year review of the action plan.

In the previous reporting period, the Committee was presented with species action plan progress reports that were finalised by the Conservator in this reporting period for:

- [Brindabella Midge Orchid Action Plan – Implementation Progress Report 2020](#)
- [Brush-tailed Rock-wallaby Action Plan – Implementation Progress Report 2020](#)

2.6. Liaison with NSW, the Commonwealth and other organisations on regional issues

The Committee reviews national listings under the EPBC Act. During the reporting period, no threatened species and ecological communities were added to, or transferred within, the ACT Threatened Native Species List and the ACT Threatened Ecological Communities List to align with the Commonwealth listing status. Species relevant to the ACT for which the Commonwealth is expected to finalise listing reassessments requiring potential listing variations/inclusions in the ACT list during the next reporting period include:

- *Synemon plana* – Golden Sun Moth
- *Bidyanus bidyanus* – Silver Perch
- *Leucochrysum albicans tricolor* – Hoary Sunray.

The Committee exchanges information with the NSW Scientific Committee and the NSW Fisheries Scientific Committee on a regular basis. Amongst other things, the ACT provides information on ACT listings and copies of ACT action plans. NSW in turn provides information on determinations made under the [Biodiversity Conservation Act 2016](#) (NSW) and the [Fisheries Management Act 1994](#) (NSW). The Committee routinely assesses the determinations made in NSW with the view to identifying any species, communities and threatening processes that warrant consideration from an ACT and region perspective and, if relevant, provides advice to the NSW Scientific Committee and the NSW Fisheries Scientific Committee on their proposed recommendations.

In this period, NSW listed *Keyacris scurra* – Key's Matchstick Grasshopper as endangered under the [Biodiversity Conservation Act 2016](#) (NSW), with input from the ACT. The Committee is working towards an equivalent listing recommendation and conservation advice for this species in the ACT, which will be progressed in the next reporting period.

2.7. Advice to ACT Government agencies during development and review of policy, strategies and legislation

With part of the Committee's charter being to provide advice on nature conservation issues in general, the Committee provided comment and advice on ACT Government documents and other matters referred to it by EPSDD and other ACT Government agencies.

The Committee provided advice to the ACT Government and agencies on:

- proposed changes to the Protected Native Species List
- Biodiversity Research and Monitoring Program
- revised Science Plan, Environment Division
- bushfire recovery in general
- bushfire recovery in bogs and fens
- fire management
- Urban Forest Strategy
- Lawson Development
- environmental offsets
- Grassland Earless Dragon Project
- Smoky Mouse Project
- weeds and invasive species.

2.8. Scientific Committee Strategic Plan

The Committee undertook activities in line with the 2018–2021 Strategic Plan.



Brush-tailed Rock-wallaby. Credit Jennie Widdowson [Canberra Nature Map](#)

Attachment A – Schedule of Meetings and Attendance

Table 2: Member attendance at meetings during the reporting period.

| Member | Meeting 21 2 September 2020 | Meeting 22 2 December 2020 | Meeting 23 3 March 2021 | Meeting 24 2 June 2021 |
|--------------------|--------------------------------|-------------------------------|----------------------------|---------------------------|
| Arthur Georges | ■ | ■ | ■ | ■ |
| Penny Olsen | ■ | | ■ | |
| Jasmyn Lynch | ■ | ■ | | ■ |
| Mark Lintermans | ■ | | ■ | ■ |
| Barry Richardson | | ■ | ■ | ■ |
| Kenneth Hodgkinson | ■ | ■ | ■ | ■ |
| Chloe Sato | ■ | ■ | ■ | |



Out-of-session Consultations

While there were no out-of-session meetings in 2020–21, the Committee provided significant out-of-session guidance throughout the year in relation to the Committee business outlined in Section 2, including advice to or representation at:

- EPSDD Science Planning Days
- Commonwealth listing nomination workshop for the Platypus
- Commonwealth candidate cross-jurisdiction species for bushfire recovery prioritisation
- Common Assessment Method provisional prioritisation of listing assessments of other cross-jurisdictional species
- the ACT Commissioner for Sustainability and the Environment.

Attachment B – Member Profiles



Chair – Distinguished Professor Arthur Georges

Expertise: Conservation biology of native Australian species, the ecology, evolution and systematics of Australian reptiles and amphibians, temperature-dependent sex determination.

Position: Professor in Applied Ecology, Institute for Applied Ecology, University of Canberra

Professor Georges is committed to sound fundamental science with a keen interest in its application in natural resource management. He has a strong commitment to bringing about realistic win-win situations where development and conservation come into conflict. Professor Georges has extensive experience and knowledge of the biology and conservation of Australia's reptile and amphibian species. In addition to his work as the Chair of the Scientific Committee, Professor Georges has contributed his expertise to the Australian Biodiversity Information Facility Committee, ARC Environmental Futures Network (Steering Committee), ACT Natural Resource Management Advisory Committee and the IUCN/SSC Committee on Tortoises and Freshwater Turtles (Steering Committee).

Deputy Chair – Honorary Professor Penny Olsen

Expertise: Birds, conservation biology

Position: Honorary Professor, Division of Ecology and Evolution, Australian National University

Dr Olsen is a research scientist with a particular expertise in raptors. Her experience and interests are broad, ranging from wildlife management to behavioural ecology. She has prepared national and state recovery plans, is a long-time consultant to the Australian Government Department of the Environment and Heritage's Environment Australia's Norfolk Island owl recovery program and works as an occasional consultant on other matters of national

and local environmental interest. Dr Olsen is a member of Birdlife Australia's Threatened Species Committee, tasked with the preparation of The Action Plan for Australian Birds, which informs the Australian Government and feeds directly into the IUCN Red List. Dr Olsen has published research papers, books and popular articles on a diversity of subjects including conservation, threatened species and pest management.

Other Members

Dr Barry Richardson

Expertise: Endangerment theory, conservation genetics, conservation policy, mammals and invertebrates.

Position: Honorary Research Fellow (CSIRO, National Research Collections Australia)

Dr Richardson is a researcher with a broad background including research in endangerment theory, conservation genetics and conservation policy. He has experience in environmental research/taxonomic revisions in mammal, pest mammals, freshwater fish, pelagic and benthic chordates, terrestrial gastropods, insect communities, waste-water management, spiders and Red Listing procedures. He is currently an Honorary Research Fellow (CSIRO, National Research Collections Australia). Dr Richardson is the author and co-author of more than 100 publications and has supervised more than 30 Honours, Masters and PhD students.

Associate Professor Mark Lintermans

Expertise: Ecology and management of aquatic systems, fish, waterbirds and wetlands

Position: Associate Professor of Freshwater Fisheries Ecology and Management, University of Canberra

Associate Professor Lintermans has over 35 years' experience in the ecology and management of freshwater ecosystems. He led the aquatic ecology research and management program in the ACT Government for 16 years, working predominantly on freshwater fish ecology and management. Associate Professor Lintermans sits on national recovery teams for Trout Cod, Murray Cod and Macquarie Perch and convened the Threatened Fishes Committee of the Australian Society for Fish Biology (2009–2018), was the Chair of the NSW Fisheries Scientific Committee from 2011–2020 and was also the Australian and New Zealand Region Chair of the IUCN Freshwater Fish Specialist Group from 2013–2016. Associate Professor Lintermans has also worked on wetlands, particularly on migratory waterbirds at Jerrabomberra Wetlands. He has published widely on fish ecology, conservation and management.

Dr Kenneth Hodgkinson

Expertise: Grassland and woodland ecology; restoration and management of Natural Temperate Grasslands and woodlands of the ACT.

Position: Honorary Research Fellow, Ecology, CSIRO Land and Water, Biodiversity and Ecosystem Knowledge and Services Program.

Dr Hodgkinson has a national and international reputation for his research on the dynamics of plant processes and populations in Australia's grasslands and woodlands. Currently he researches restoration of ACT's Natural Temperate Grasslands and Woodlands in projects of the Ginninderra Catchment Group (for which he is currently Deputy Chairman) and of CSIRO. He has a particular interest in the interactions of grazing, fire regimes and drought on the functioning and biological diversity of these ecosystems in changing climates. He is on the Advisory Board of the UK Cambridge Conservation Initiative and has significant experience in the core responsibilities of committee representation including editorial work and reviewing research. Dr Hodgkinson has authored more than 120 publications, is a reviewer for more than 20 journals and examines PhD theses for eight universities.

Dr Chloe Sato

Expertise: Ecology and biodiversity conservation, specialising in herpetology, applied vegetation ecology, alpine-subalpine ecosystems, and box–gum grassy woodlands.

Position: Associate Research Fellow Deakin University (Melbourne), ACT Government Environmental Offsets Ecologist Honorary Lecturer, Australian National University.

Dr Chloe Sato is currently employed as a research fellow with Deakin University and holds an honorary appointment at The Australian National University. Prior to her appointment with Deakin University, she held appointments as an ecologist with NSW and ACT Governments and was a research fellow at The Australian National University where she focused on surrogate ecology, ecosystem collapse and analysis of long-term ecological monitoring data. Dr Sato's particular interest is in designing and conducting question-driven ecological research and monitoring programs, and ecosystem risk assessments that lead to tangible on-ground management outcomes. She is a highly proficient ecologist who has conducted research in temperate woodlands and grasslands, Ash forests, deserts and alpine-subalpine ecosystems, and has led or contributed to projects on threatened reptiles, birds, mammals and flora including Grassland Earless Dragons, Striped Legless Lizards, and Superb Parrots.

Assistant Professor Jasmyn Lynch

Expertise: Conservation biology, plant ecology, rare and threatened plant species, recovery planning and botanical survey work.

Position: Assistant Professor in Environmental Management, University of Canberra.

Assistant Professor Lynch is a conservation ecologist with expertise in research on rare and threatened species; biodiversity patterns and processes; vegetation, climate and geomorphology interactions; wetland assessments and management; and ecological and threatening process frameworks. She has research experience from the genetic scale, through species autoecology, regional ecology, global patterns of diversity, to the application of science to conservation policy and environmental management. Assistant Professor Lynch has more than 27 years' experience on environmental issues, having worked with the Australian, Tasmanian, Queensland and Western Australian governments, the University of Queensland, the University of Tasmania and Indigenous representatives of Cape York Peninsula.

In March 2020, Assistant Professor Lynch stood down as a member of the Scientific Committee when she was selected as the Senior Director of the Conservation Policy and Planning Branch within the Environment Division at EPSDD. Upon accepting this position, she became the Acting Secretary of the Scientific Committee, with the full position becoming effective in 2021.

Attachment C – Listed Threatened Native Species and Ecological Communities

Critically Endangered Species

| Scientific name | Common name | Date Listed |
|--------------------------------|--------------------------|--------------------------------------|
| <i>Anthochaera phrygia</i> | Regent Honeyeater | 11 May 2019 (30 May 1997 Endangered) |
| <i>Lathamus discolor</i> | Swift Parrot | 11 May 2019 (30 May 1997 Vulnerable) |
| <i>Pseudophryne pengilleyi</i> | Northern Corroboree Frog | 11 May 2019 (4 Sep 2003 Endangered) |
| <i>Caladenia actensis</i> | Canberra Spider Orchid | 11 May 2019 (11 Apr 2005 Endangered) |
| <i>Corunastylis ectopa</i> | Brindabella Midge Orchid | 11 May 2019 (11 Apr 2005 Endangered) |
| <i>Pterostylis oreophila</i> | Kiandra Greenhood | 11 May 2019 |
| <i>Litoria castanea</i> | Yellow-spotted Bell Frog | 11 May 2019 (locally extinct) |

Endangered Species

| Scientific name | Common name | Date Listed |
|-------------------------------------|---------------------------|-------------|
| <i>Gentiana baeuerlenii</i> | Baeuerlen's Gentian | 15 Apr 1996 |
| <i>Prasophyllum petilum</i> | Tarengo Leek Orchid | 15 Apr 1996 |
| <i>Rutidosia leptorhynchoides</i> | Button Wrinklewort | 15 Apr 1996 |
| <i>Swainsona recta</i> | Small Purple Pea | 15 Apr 1996 |
| <i>Synemon plana</i> | Golden Sun Moth | 15 Apr 1996 |
| <i>Tympanocryptis pinguicolla</i> | Grassland Earless Dragon | 15 Apr 1996 |
| <i>Macquaria australasica</i> | Macquarie Perch | 6 Jan 1997 |
| <i>Maccullochella macquariensis</i> | Trout Cod | 6 Jan 1997 |
| <i>Petrogale penicillata</i> | Brush-tailed Rock-wallaby | 6 Jan 1997 |
| <i>Pseudomys fumeus</i> | Smoky Mouse | 12 Jan 1998 |
| <i>Muehlenbeckia tuggeranong</i> | Tuggeranong Lignum | 19 Aug 1998 |

| Scientific name | Common name | Date Listed |
|---------------------------------|------------------------------------|-------------|
| <i>Lepidium ginninderrense</i> | Ginninderra Peppercress | 26 Oct 2001 |
| <i>Bidyanus bidyanus</i> | Silver Perch | 26 Oct 2001 |
| <i>Bossiaea grayi</i> | Murrumbidgee Bossiaea | 30 Jan 2012 |
| <i>Botaurus poiciloptilus</i> | Australasian Bittern | 11 May 2019 |
| <i>Dasyurus viverrinus</i> | Eastern Quoll | 11 May 2019 |
| <i>Isodon obesulus obesulus</i> | Southern Brown Bandicoot (Eastern) | 11 May 2019 |
| <i>Rostratula australis</i> | Australian Painted Snipe | 11 May 2019 |

Vulnerable Species

| Scientific name | Common name | Date Listed |
|--|---|-------------|
| <i>Delma impar</i> | Striped Legless Lizard | 15 Apr 1996 |
| <i>Gadopsis bispinosus</i> | Two-spined Blackfish | 6 Jan 1997 |
| <i>Euastacus armatus</i> | Murray River Crayfish | 6 Jan 1997 |
| <i>Perunga ochracea</i> | Perunga Grasshopper | 30 May 1997 |
| <i>Melanodryas cucullata cucullata</i> | Hooded Robin | 30 May 1997 |
| <i>Polytelis swainsonii</i> | Superb Parrot | 30 May 1997 |
| <i>Climacteris picumnus victoriae</i> | Brown Treecreeper | 30 May 1997 |
| <i>Grantiella picta</i> | Painted Honeyeater | 12 Jan 1998 |
| <i>Dasyurus maculatus maculatus</i> | Spotted-tailed Quoll | 4 Sep 2003 |
| <i>Daphoenositta chrysoptera</i> | Varied Sittella | 8 Dec 2003 |
| <i>Lalage tricolor</i> | White-winged Triller | 8 Dec 2003 |
| <i>Hieraaetus morphnoides</i> | Little Eagle | 22 Feb 2008 |
| <i>Aprasia parapulchella</i> | Pink-tailed Worm-lizard | 27 Mar 2008 |
| <i>Calyptorhynchus lathami lathami</i> | Glossy Black-cockatoo | 17 Aug 2010 |
| <i>Petroica boodang</i> | Scarlet Robin | 12 May 2015 |
| <i>Mastacomys fuscus mordicus</i> | Broad-toothed Rat (mainland) | 11 May 2019 |
| <i>Petauroides volans</i> | Greater Glider | 11 May 2019 |
| <i>Phascolarctos cinereus</i> | Koala (QLD/NSW/ACT population) | 11 May 2019 |
| <i>Pseudomys novaehollandiae</i> | New Holland Mouse | 11 May 2019 |
| <i>Pteropus poliocephalus</i> | Grey-headed Flying-fox | 11 May 2019 |
| <i>Litoria aurea</i> | Green and Golden Bell Frog (<i>locally extinct</i>) | 11 May 2019 |
| <i>Litoria raniformis</i> | Southern Bell Frog (<i>locally extinct</i>) | 11 May 2019 |
| <i>Litoria verreauxii alpina</i> | Alpine Tree Frog | 11 May 2019 |
| <i>Eucalyptus aggregata</i> | Black Gum | 11 May 2019 |
| <i>Pomaderris pallida</i> | Pale Pomaderris | 11 May 2019 |

| Scientific name | Common name | Date Listed |
|------------------------------|----------------------------|-------------|
| <i>Thesium australe</i> | Austral Toadflax | 11 May 2019 |
| <i>Hirundapus caudacutus</i> | White-throated Needle-tail | 26 May 2020 |

Regionally Conservation Dependent Species

| Scientific name | Common name | Date Listed |
|---------------------------|-----------------|-------------|
| <i>Bettongia gaimardi</i> | Eastern Bettong | 11 May 2019 |

Critically Endangered Ecological Communities

| Name | Description | Date Listed |
|--|--|---|
| Natural Temperate Grassland | The ACT Natural Temperate Grassland ecological community is consistent with the 'Natural Temperate Grassland of the South Eastern Highlands' ecological community listed under the Environment Protection and Biodiversity Conservation Act 1999 . The ecological community in the ACT predominantly occurs on plains at altitudes up to approximately 1200 metres. It is a naturally treeless or sparsely treed community characterised by a dominance of native perennial tussock grasses. The tallest stratum is typically up to 1.0 metre in height, when present. There is usually a second, lower stratum of shorter perennial and annual grasses and forbs growing between the taller tussocks, and there may be a third discontinuous stratum of even smaller forbs, grasses and cryptogams. Sedges and rushes may also occur, particularly in seasonally wet areas. The community may contain a tree and shrub stratum, with up to 10% projective foliage cover. | 27 May 2020 (15 Apr 1996 – Endangered) |
| Yellow Box – Blakely's Red Gum Grassy Woodland | The ACT Yellow Box – Blakely's Red Gum Grassy Woodland ecological community is consistent with the 'White Box – Yellow Box – Blakely's Red Gum Grassy Woodland and Derived Native Grassland' ecological community listed under the Environment Protection and Biodiversity Conservation Act 1999 . The ecological community in the ACT is dominated by Yellow Box (<i>Eucalyptus melliodora</i>) and/or Blakely's Red Gum (<i>Eucalyptus blakelyi</i>), with Apple Box (<i>Eucalyptus bridgesiana</i>) and Candlebark (<i>Eucalyptus rubida</i>) the most common co-dominant trees. The community has a species-rich understorey of native tussock grasses, herbs and scattered shrubs. Remnants of the community in good condition have a ground cover dominated (50% or more of the perennial species) by native grasses and forbs. Derived (secondary) grasslands develop when the tree canopy cover is removed (or suffers dieback) but a relatively diverse understorey remains intact. | 27 May 2020 (30 May 1997 – Endangered) |

Endangered Ecological Communities

| Name | Description | Date Listed |
|---------------------------------------|---|-------------|
| High Country Bogs and Associated Fens | The ACT High Country Bogs and Associated Fens ecological community is consistent with the 'Alpine Sphagnum Bogs and Associated Fens' ecological community listed nationally under the Environment Protection and Biodiversity Conservation Act 1999 but includes some bogs and fens at lower elevation. The ACT High Country Bogs and Associated Fens community is defined by a peat substratum on which <i>Sphagnum</i> spp. may or may not occur. <i>Sphagnum</i> spp. do not generally occur in fens as conditions do not favour growth and may not always be a major floristic component of bogs due to disturbance resulting in depletion or loss. In these cases, the site is considered part of the community if other key species are present (see Conservation Advice) and a peat substratum is evident. | 8 Feb 2019 |

Key Threatening Processes

| Name | Date Listed |
|--|-------------|
| The loss of mature native trees (including hollow-bearing trees) and a lack of recruitment | 27 Sep 2018 |
| Unnatural fragmentation of habitats | 19 Dec 2020 |



Striped Legless Lizard . Credit Sam Reid [Canberra Nature Map](#)

