DEPARTMENT OF AGRICULTURE, WATER AND THE ENVIRONMENT

MS21-000570

To: Minister for the Environment (For Decision)

REVIEW OF RECOVERY PLAN DECISIONS - RECOMMENDATIONS FOR PROPOSED SUBSEQUENT RECOVERY PLAN DECISIONS, STAKEHOLDER ENGAGEMENT AND **PUBLIC CONSULTATION PROCESS**

Timing: 7 May 2021 – to assist in the timely implementation of the proposed engagement activities.

Ministerial Services

Recommendations:

1. Note the department and the Threatened Species Scientific Committee have reviewed the need for recovery plans for 811 threatened species and ecological communities.

Noted / Please discuss

2. Note the initial advice of the Threatened Species Scientific Committee that the 675 species and ecological communities at Attachment A are suitable for a proposed subsequent recovery plan decision to not have a recovery plan.

Noted / Please discuss

4. Agree to undergo a public consultation process starting 1 June 2021 on the proposed subsequent recovery plan decision to not have a recovery plan for the identified 675 threatened species and ecological communities, subject to feedback from initial stakeholder consultation.

Minister:

Agreed / Not agreed

Date:

Comments:

Clearing Officer: Sent: 30/04/2021	Ilona Stobutzki	Communities	Ph: 6874 2531 Mob: S. 47F(1)
Contact Officer:	s. 22(1)(a)(ii)	Director, Terrestrial Threatened Species	Ph: s. 22(1)(a)(ii) Mot

Key Points:

- 1. Currently 914 listed threatened species and ecological communities are required to have a recovery plan in force under the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act). As part of the department's work to modernise conservation planning and address legacy and compliance issues, a systematic review of recovery plan decisions made prior to 2014 has been undertaken, covering 811 listed threatened species and ecological communities. The recent decisions to adopt or make a plan (in or since 2014), covering 103 entities will be reviewed at a later stage.
- 2. The Threatened Species Scientific Committee (the Committee) has reviewed the recovery plan decisions for 811 species and ecological communities, as described in the Chair's letter, dated 16 March 2021. The Committee is on the record as saying it supports more contemporary approaches to the conservation planning statutory toolbox, with greater use of conservation advices where they can deliver more responsive mechanisms in times of rapid environment change. Based on this approach and its review, the Committee's advice is that 625 species and 50 ecological communities are suitable for a proposed subsequent recovery plan decision to not have a recovery plan (Attachment A).
 - a. For each of these species and ecological communities, a conservation advice is proposed to provide a sufficient planning response to guide recovery. These conservation advices will be foundation documents if other planning tools are developed in the future, such as multi-species recovery plans or regional planning approaches.
- 3. The process for making a subsequent recovery plan decision for a species or ecological community is stipulated under s269AA of the EPBC Acts. 22(1)(a)(ii) In accordance with s269AA of the EPBC Act, you must:
 - a. ask the Threatened Species Scientific Committee for advice relating to the proposed decision.
 - b. publish a notice inviting public comments on the proposed decision for a minimum of 30 business days.
 - c. in deciding whether to make the proposed decision, take account of any advice provided by the Committee in relation to the proposed decision and any public comments received during the consultation period.
 - d. in making the subsequent recovery plan decision, publish the initial recovery plan decision and reasons for it and each subsequent recovery plan decision and the reasons for it.
- 4. The department is seeking your agreement to release the proposed subsequent recovery plan decisions for the identified 676 threatened species and ecological communities for public consultation.

11. Following public consultation, all comments received will be provided to the Committee for consideration in preparing their final advice to you on the subsequent recovery plan decision. The department will brief you with the Committee's final advice and the outcomes of the public consultation to assist you in making the subsequent recovery plan decision.

Sensitivities and Handling

12. The department and Committee have been considering approaches to modernise national conservation planning for several years and subsequent decisions have already been made for some species and ecological communities. However, some stakeholders hold concerns that may become acute with the proposed large number of decisions. There is a risk that a limited understanding of all the planning tools available under the EPBC Act and in the role of conservation advices may result in some stakeholders perceiving this as a weakening of national conservation planning. S. 22(1)(a)(ii)

s. 22(1)(a)(ii)

Background

- 14. When the EPBC Act came into force in 2000, all listed threatened species and ecological communities were required to have a recovery plan in place, regardless of the conservation planning needs of the entity.
- 15. In 2007, EPBC Act amendments removed the mandatory requirement for all species and ecological communities to have a recovery plan and incorporated a requirement for all newly listed entities to have an approved conservation advice in place. Since these amendments, the Minister can decide whether a listed species / ecological community also requires a recovery plan. At the time of the amendments, all entities that either had a plan in force or in preparation were identified as requiring a recovery plan (*Environment and Heritage Legislation Amendment Act (No. 1) 2006* 'Commenced List') without an individual assessment of the need for a recovery plan for the entities. These 'Commenced List' entities account for almost half of the total number of species or ecological communities that currently require a plan.

Consultation

s. 22(1)(a)(ii)

Attachments:

A: List of entities for proposed subsequent recovery plan decision under EPBC Act s.269AA(5)

ATTACHMENT A

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List of entities for proposed subsequent recovery plan decision under EPBC Act s.269AA(5)

Ecological communities (50 total)

No. Ecological community

6. Arnhem Plateau Sandstone Shrubland Complex

s. 22(1)(a)(ii)

8.	Blue Gum High Forest of the Sydney Basin Bioregion
9.	Brigalow (Acacia harpophylla dominant and co-dominant)
	Broad leaf tea-tree (Melaleuca viridiflora) woodlands in high rainfall coastal north
10.	Queensland

s. 22(1)(a)(ii)

- Castlereagh Scribbly Gum and Agnes Banks Woodlands of the Sydney Basin 12. Cooks River/Castlereagh Ironbark Forest of the Sydney Basin Bioregion 13. Coolibah - Black Box Woodlands of the Darling Riverine Plains and the Brigalow Belt

Cumberland Plain Shale Woodlands and Shale-Gravel Transition Forest

21.	Giant Kelp Marine Forests of South East Australia	
	Gippsland Red Gum (Eucalyptus tereticornis subsp. mediana) Grassy Woodland and	
22.	Associated Native Grassland	
23.	Grassy Eucalypt Woodland of the Victorian Volcanic Plain	
	Grey Box (Eucalyptus microcarpa) Grassy Woodlands and Derived Native Grasslands of	
24.	South-eastern Australia	

s. 22(1)(a)(ii)

26.	Kangaroo Island Narrow-leaved Mallee (Eucalyptus cneorifolia) Woodland	
27.	Lowland Native Grasslands of Tasmania	
28.	Monsoon vine thickets on the coastal sand dunes of Dampier Peninsula	
29.	Natural Grasslands of the Murray Valley Plains	
30.	Natural Grasslands of the Queensland Central Highlands and northern Fitzroy Basin	
	Natural grasslands on basalt and fine-textured alluvial plains of northern New South Wales	
31.	and southern Queensland	
32.	Natural Temperate Grassland of the South Eastern Highlands	
33.	Natural Temperate Grassland of the Victorian Volcanic Plain	
	1	

- New England Peppermint (Eucalyptus nova-anglica) Grassy Woodlands 34.
- Scott River Ironstone Association 35.
- Seasonal Herbaceous Wetlands (Freshwater) of the Temperate Lowland Plains

Shale Sandstone Transition Forest of the Sydney Basin Bioregion

l)(a)(ii)

| Subtropical and Temperate Coastal Saltmarsh

- Turpentine-Ironbark Forest of the Sydney Basin Bioregion
- Weeping Myall Woodlands
- Western Sydney Dry Rainforest and Moist Woodland on Shale

Species (625 total)

	No.	Scientific name	Common name
8	s. 22(1)	(a)(ii)	
	52.	Acacia ataxiphylla subsp. magna	Large-fruited Tammin Wattle

s. 22(1)(a)(ii)

Bynoe's Wattle, Tiny Wattle

s. 22(1)(a)(ii)

59.	Acacia cretacea	Chalky Wattle
60.	Acacia enterocarpa	Jumping-jack Wattle
61.	Acacia glandulicarpa	Hairy-pod Wattle
62.	Acacia imitans	Gibson Wattle

(a)(ii)

70. Acacia phasmoides

Phantom Wattle

s. 22(1)(a)(ii) 72. Acacia pinguifolia

Fat-leaved Wattle

Neat Wattle, Resin Wattle

s. 22(1)(a)(ii)

78.	Acacia splendens	Splendid Wattle, Dandaragan Wattle
79.	Acacia subflexuosa subsp. capillata	Hairy-stemmed Zig-zag Wattle

82.	Acacia vassalii	Vassal's Wattle
83.	Acacia volubilis	Tangled Wattle, Tangle Wattle

No.	Scientific name	Common name
84.	Acacia whibleyana	Whibley Wattle

100. Anous tenuirostris melanops	Australian Lesser Noddy
s. 22(1)(a)(ii)	
102. Aprasia parapulchella	Pink-tailed Worm Lizard, Pink-tailed Legless Lizard
s. 22(1)(a)(ii)	
106. Aristida annua	
s. 22(1)(a)(ii)	
110. Asterolasia elegans	
s. 22(1)(a)(ii)	
112. Azorella macquariensis	Macquarie Cushions
113. Balaenoptera borealis	Sei Whale
114. Balaenoptera physalus	Fin Whale

s. 22(1)(a)(ii)

118. | Banksia ionthocarpa | Kamballup Dryandra

s. 22(1)(a)(ii)

123. Banksia squarrosa subsp. argillacea Whicher Range Dryandra

s. 22(1)(a)(ii)

1404 Diskus assault is interested	
131. Bidyanus bidyanus Silver Perch, Bidyan	

No. | Scientific name Common name 139. | Brachyscome muelleri Corunna Daisy s. 22(1)(a)(ii) Burmannia sp. Bathurst Island (R.Fensham 1021) 144. Sand-hill Spider-orchid Caladenia arenaria 145. Caladenia argocalla White-beauty Spider-orchid s. 22(1)(a)(ii) Pink-lipped Spider-orchid 147. Caladenia behrii Caladenia brumalis Winter Spider-orchid Coloured Spider-orchid, Small Western Spider-152. | Caladenia colorata orchid, Painted spider-orchid s. 22(1)(a)(ii) Caladenia cremna Don's Spider Orchid 159. | Caladenia gladiolata Bayonet Spider-orchid, Clubbed Spider-orchid Caladenia intuta **Ghost Spider-orchid** 163. s. 22(1)(a)(ii) Large-club Spider-orchid 165. Caladenia macroclavia 166. Ballerina Orchid Caladenia melanema 170. Stiff White Spider-orchid Caladenia rigida

180. <i>C</i>	aladenia woolcockiorum	Woolcock's Spider-orchid
s. 22(1)	(a)(ii)	
	aládenia xantholeuca	White Rabbits, Flinders Ranges White Caladenia

No. Scientific name Common name

s. 22(1)(a)(ii)

Calyptorhynchus lathami

191. halmaturinus

s. 22(1)(a)(ii)

193. Calytrix breviseta subsp. breviseta

s. 22(1)(a)(ii)

196. Chalcophaps indica natalis

Glossy Black-cockatoo (Kangaroo Island), Glossy Black-cockatoo (South Australian)

Swamp Starflower

Emerald Dove (Christmas Island)

s. 22(1)(a)(ii)

	Conospermum densiflorum subsp.	
208.	unicephalatum	One-headed Smokebush
209.	Conostylis dielsii subsp. teres	Irwin's Conostylis
210.	Conostylis micrantha	Small-flowered Conostylis

220.	Cryptoblepharus egeriae	Christmas Island Blue-tailed Skink	
s. 22(1)(a)(ii)			
223.	Cyclodomorphus praealtus	Alpine She-oak Skink	
S.	22(1)(a)(ii)		
226.	Cyrtodactylus sadleiri	Christmas Island Giant Gecko	

No.	Scientific name	Common name
227.	Daphnandra johnsonii	Illawarra Socketwood

236. Davidsonia jerseyana

Davidson's Plum

s. 22(1)(a)(ii)

238. Daviesia bursarioides

Three Springs Daviesia

s. 22(1)(a)(ii)

242.	Daviesia microcarpa	Norseman Pea
243.	Delma impar	Striped Legless Lizard, Striped Snake-lizard

s. 22(1)(a)(ii)

246. Dichanthium queenslandicum King Blue-grass

s. 22(1)(a)(ii)

255. | Drummondita ericoides

Morseby Range Drummondita

s. 22(1)(a)(ii)

258. Eidothea hardeniana

Nightcap Oak

No.	Scientific name	Common name

	Eremophila denticulata subsp.	
279.	trisulcata	Cumquat Eremophila
280.	Eremophila koobabbiensis	Koobabbie Eremophila, Koobabbie Poverty Bush

s. 22(1)(a)(ii)

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295.	Eucalyptus benthamii	Camden White Gum, Nepean River Gum
s. 2	22(1)(a)(ii)	
298.	Eucalyptus crucis subsp. praecipua	Paynes Find Mallee
s. 22(1)	(a)(ii)	
300.	Eucalyptus dolorosa	Dandaragan Mallee, Mount Misery Mallee
301.	Eucalyptus impensa	Eneabba Mallee
302.	Eucalyptus leprophloia	Scalv Butt Mallee, Scalv-butt Mallee

s. 22(1)(a)(ii)

	Eucalyptus parramattensis subsp.	
305.	decadens	Earp's Gum, Earp's Dirty Gum
306.	Eucalyptus recurva	Mongarlowe Mallee
307.	Eucalyptus rhodantha	Rose Mallee

s. 22(1)(a)(ii)

310.	Eucalyptus x balanites	Cadda Road Mallee, Cadda Mallee
311.	Eucalyptus x phylacis	Meelup Mallee

Scientific name Common name Falcunculus frontatus whitei Crested Shrike-tit (northern), Northern Shrike-tit 22(1)(a)(ı Brittle Midge-orchid, Bauer's Midge Orchid, Yellow 339. | Genoplesium baueri **Gnat-Orchid** 342. | Gentiana baeuerlenii Baeuerlen's Gentian s. 22(1)(a)(ii) 344. Geophaps smithii smithii Partridge Pigeon (Eastern) 353. | Grevillea beadleana Beadle's Grevillea

No. | Scientific name Common name 380. Blue Petrel Halobaena caerulea 381. Haloragis eyreana **Prickly Raspwort** s. 22(1)(a)(ii) 383. Heleioporus australiacus Giant Burrowing Frog 384. Hemiandra gardneri Red Snakebush Sargents Snakebush, Colourful Snakebush 385. Hemiandra rutilans

s. 22(1)(a)(ii)

390.	Hoplocephalus bungaroides	Broad-headed Snake
391.	Hoplogonus bornemisszai	Bornemissza's Stag Beetle
392.	Hoplogonus simsoni	Simson's Stag Beetle
393.	Hoplogonus vanderschoori	Vanderschoor's Stag Beetle

S. 22(1)(a)(ii)

| 397. | Irenepharsus trypherus | Delicate Cress, Illawarra Irene

399. Isoodon auratus auratus

Golden Bandicoot (mainland)

Southern Brown Bandicoot (eastern), Southern

Brown Bandicoot (south-eastern)

s. 22(1)(a)(ii)

417.	Lepidium ginninderrense	Ginninderra Peppercress
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No.	Scientific name	Common name
s. 2	2(1)(a)(ii)	
421.	Leucocarbo atriceps nivalis	Imperial Shag (Heard Island), Heard Shag
422.	Leucocarbo atriceps purpurascens	Imperial Shag (Macquarie Island)
s. 22	2(1)(a)(ii)	
424.	Leucopatus anophthalmus	Blind Velvet Worm
s. 22(1)(a)(ii)		
427.	Leucopogon obtectus	Hidden Beard-heath
s. 22(1)(a)(ii)		
429.	Liopholis guthega	Guthega Skink
430.	Liopholis slateri slateri	Slater's Skink, Floodplain Skink
431.	Lissotes latidens	Broad-toothed Stag Beetle, Wielangta Stag Beetle
432.	Litoria aurea	Green and Golden Bell Frog

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s. 22(1)(a)(ii)

442. Litoria verreauxii alpina Alpine Tree Frog, Verreaux's Alpine Tree Frog

s. 22(1)(a)(ii)

|446. | Maccullochella ikei | Clarence River Cod, Eastern Freshwater Cod

s. 22(1)(a)(ii)

450. | Macroderma gigas | Ghost Bat

463.	Microtis angusii	Angus's Onion Orchid

Scientific name No. Common name Muehlenbeckia tuggeranong Tuggeranong Lignum 470. Myriophyllum lapidicola Chiddarcooping Myriophyllum s. 22(1)(a)(ii) Myrsine richmondensis Purple-leaf Muttonwood, Lismore Muttonwood 472. 482. Notomys aquilo Northern Hopping-mouse, Woorrentinta Silver Daisy-bush, Silver-leaved Daisy, Velvet 488. | Olearia pannosa subsp. pannosa Daisv-bush s. 22(1)(a)(ii) 491. Ornduffia calthifolia Mountain Villarsia s. 22(1)(a)(ii) 494. Pachyptila turtur subantarctica Fairy Prion (southern) 495. Papasula abbotti Abbott's Booby s. 22(1)(a)(ii) Dibbler 497. Parantechinus apicalis 500. Patersonia spirifolia Spiral-leaved Patersonia 507. Petrogale persephone Proserpine Rock-wallaby Red-tailed Phascogale, Red-tailed Wambenger, 508. Phascogale calura Kenngoor

Dwarf Mountain Pine

Pherosphaera fitzgeraldii

	No.	Scientific name	Common name
512. Philotheca basistyla		Philotheca basistyla	White-flowered Philotheca

518.	Pleuropappus phyllocalymmeus	Silver Candles
519.	Pneumatopteris truncata	fern

s. 22(1)(a)(ii)

522. | Pomaderris brunnea | Rufous Pomaderris, Brown Pomaderris

s. 22(1)(a)(ii)

534. Prasophyllum petilum Tarengo Leek Orchid

s. 22(1)(a)(ii)

West Coast Mintbush, Limestone Mintbush, Red
Mintbush

Mintbush

s. 22(1)(a)(ii)

550. | Pseudomys shortridgei | Heath Mouse, Dayang, Heath Rat

s. 22(1)(a)(ii)

554. Pterodroma arminjoniana		Pterodroma arminjoniana	Round Island Petrel, Trinidade Petrel	
	555. Pterodroma heraldica		Herald Petrel	
	. 22(1)	(a)(ii)		

| Soft-plumaged Petrel | Soft-plumaged Petrel

No.	Scientific name	Common name
		Christmas Island Flying-fox, Christmas Island Fuit-
560.	Pteropus natalis	bat
2.22(1)(2)(ii)		

562. Pterostylis bryophila Hindmarsh Valley Greenhood

s. 22(1)(a)(ii)

568.	Pterostylis lepida	Halbury Greenhood	
569.	Pterostylis mirabilis	Nodding Rufoushood	
570.	Pterostylis oreophila	Kiandra Greenhood, Blue-tongued Orchid	
		Northampton Midget Greenhood, Western Swan	
571.	Pterostylis sinuata Greenhood		

s. 22(1)(a)(ii)

	Pultenaea sp. Genowlan Point (NSW	
576.	417813)	Genowlan Point Pultenaea, Genowlan Pultenaea
577.	Pultenaea trichophylla	Tufted Bush-pea

s. 22(1)(a)(ii)

583. Rhincodon typus

Whale Shark

s. 22(1)(a)(ii)

587. Roycea pycnophylloides

Saltmat

s. 22(1)(a)(ii)

594.	Sarcochilus weinthalii	Blotched Sarcochilus, Weinthals Sarcanth	
595.	Sarcophilus harrisii	Tasmanian Devil	

s. 22(1)(a)(ii)

599. Selaginella andrewsii Tallebudgera Spikemoss

s. 22(1)(a)(ii)

602. | Sminthopsis butleri | Butler's Dunnart

LEX-24694 Page 19 of 64 No. | Scientific name Common name 22(1)(a) New Zealand Antarctic Tern, Antarctic Tern (New 608. Sterna vittata bethunei Zealand) 609. Sterna vittata vittata Antarctic Tern (Indian Ocean) Southern Emu-wren (Eyre Peninsula) Stipiturus malachurus parimeda 617. Symonanthus bancroftii Bancrofts Symonanthus s. 22(1)(a)(ii) 620. | Synemon plana Golden Sun Moth 627. Tectaria devexa 635. Thesium australe

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641.	Turdus poliocephalus ery	/thropleurus	Christ	mas Islan	d Thrush			

s. 22(1)(a)(ii)

644. Typhonium jonesii herb		herb
645.	Typhonium mirabile	herb
646.	Tyto novaehollandiae kimberli	Masked Owl (northern)
647.	Tyto novaehollandiae melvillensis	Tiwi Masked Owl, Tiwi Islands Masked Owl

No	o. Scientific name	Common name
	Verticordia fimbrilepis subsp.	
649). fimbrilepis	Shy Featherflower
650). Verticordia hughanii	Hughan's Featherflower
s. 22	2(1)(a)(ii)	
652		Scaly-leaved Featherflower
	Verticordia staminosa var.	
653	3. cylindracea	Granite Featherflower

657. Wurmbea tubulosa Long-flowered Nancy

s. 22(1)(a)(ii)

|662. | Zieria baeuerlenii | Bomaderry Zieria, Bomaderry Creek Zieria

s. 22(1)(a)(ii)

664. Zieria citriodora Lemon-scented Zieria

s. 22(1)(a)(ii)

668. | Zieria granulata | Hill Zieria, Hilly Zieria, Illawarra Zieria

s. 22(1)(a)(ii)

674. Zieria prostrata

MS21-005948

To: Minister for the Environment (For Noting)

TSSC ACTION PLAN - ONGOING MODERNISATION OF CONSERVATION PLANNING UNDER THE EPBC ACT

Timing: 8 September 2021 - to allow publication in conjunction with the proposed public consultation on subsequent recovery plan decisions on 10 September 2021.

Recommendations:						
	 Note the Threatened Species Scientific Committee's Action Plan Ongoing modernisation of conservation planning under the EPBC Act (<u>Attachment A</u>). 					
Minister:	Minister: Noted / Please discuss Date:					
Comments:		2/9/	21			
Clearing Officer:	Ilona Stobutzki	Assistant Secretary,	Ph: 02 6272 2531			
Sent: 01/09/2021 Protected Species & Mob: s. 47F(1) Communities Branch						
Contact Officer:	s. 22(1)(a)(ii)	Director, Terrestrial Threatened Species Section	Ph: s. 22(1)(a)(ii)			

Key Points:

- 1. The Threatened Species Scientific Committee's (Committee) Action Plan, Ongoing Modernisation of Conservation Planning under the EPBC Act, (the Plan) (Attachment A) sets out the Committee's approach to conservation planning. It identifies actions which the Committee is undertaking to ensure conservation planning remains fit-for-purpose, efficient and best practice. Importantly, the Plan provides the rationale, legal context and history for the review of recovery plan decisions. It provides the principles which the Committee used in its advice on which species and ecological communities were suitable for a proposed subsequent recovery plan decision (to not have a recovery plan).
- 2. The Committee's previous version of the Plan was sent to you on 16 March 2021, attached to a letter from the Committee Chair.
- 3. The Plan, and its proposed publication on the Committee's page of the department's website, was endorsed by the Committee out-of-session on 27 August 2021.

4. The Plan, particularly the principles and the rationale are important in communicating the basis for the proposed subsequent recovery plan decisions. The first tranche proposed decisions are anticipated to open for public consultation on 10 September 2021 (MS21-003375). The Plan will be published on the Committee's website in conjunction with the opening of the public comment period.

Sensitivities and Handling

7. The previous version of the Plan was tabled in the <u>response</u> to the Question on Notice 23.

s. 22(1)(a)(ii)

Legal advice / Legislative impacts:

s. 42(1)

Financial impacts:

11. Nil

Attachments:

A: TSSC Action Plan: Ongoing modernisation of conservation planning under the EPBC Act.

THREATENED SPECIES SCIENTIFIC COMMITTEE

Established under the Environment Protection and Biodiversity Conservation Act 1999

Ongoing modernisation of conservation planning under the EPBC Act

Background

All listed threatened entities (species and ecological communities), other than species listed in the Extinct and Conservation Dependent categories, and ecological communities listed in the Vulnerable category, are Matters of National Environmental Significance under the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act). The EPBC Act provides a legal framework to protect and manage Matters of National Environmental Significance.

Statutory conservation plans are an important component of this legal framework. Where required, conservation plans are developed under the EPBC Act to provide guidance on the management and research actions to support the recovery of entities listed as threatened), including advice to those who seek: (1) to actively participate in their conservation and recovery, or (2) approval for their activities. Two types of statutory conservation plans can be developed under the EPBC Act: Conservation Advices, which have been available since 2007, and Recovery Plans, which have been available since the commencement of Commonwealth legislation in 2000 (see Appendix).

Conservation Advices have several advantages over Recovery Plans:

- They are approved under law from the time an entity is listed as threatened.
- They can be prepared quickly, updated easily and responsively as new information on status, threats and management scenarios relevant to the listed entity becomes available.
- They can act as source materials for other, more complex statutory planning documents such as multi-entity or regional recovery plans.

Similar to Recovery Plans, Conservation Advices:

- can be supported by Recovery Teams or other governance to coordinate implementation,
- inform assessment and approval processes¹ under the Act², and
- inform Australian Government investment in threatened entity conservation.³

¹ Environmental assessors are guided by the Significant Impact Guidelines https://www.environment.gov.au/epbc/publications/significant-impact-guidelines-11-matters-national-environmental-significance. The application of these guidelines is informed by all relevant conservation planning documents including both Conservation Advices and Recovery Plans.

² Including Regional Forest Agreements which consider both Conservation Advices and Recovery Plans

³ Priorities for investment are informed by a number of factors including the nature of threats and listing status irrespective of whether a species has a Recovery Plan or not.

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Threatened Species Scientific Committee's role

Before approving any statutory conservation plan, the Minister must consult the Threatened Species Scientific Committee (henceforth the Committee).

In the development of Recovery Plans, the Committee provides advice to the Minister on the:

- need to have a Recovery Plan in addition to a Conservation Advice, whether this be initially (at the time of listing) or in a subsequent decision,
- the content of the Recovery Plan, and
- the time frame within which each Recovery Plans should be made⁴.

In giving this advice the Committee must take into account the following matters:

- the degree of threat to the survival in nature of the entity,
- the potential for the entity to recover,
- the genetic distinctiveness of the entity,
- the importance of the entity to the ecosystem,
- the value to humanity of the entity, and
- the efficient and effective use of the resources allocated to the conservation of the entity⁵.

Unlike Conservation Advices which are approved at the time of listing, Recovery Plans typically take several years to make, in part because of the statutory consultation times. If a Recovery Plan requires amendment, a new Plan must be made or the existing Plan varied, both time-consuming processes. In the last 10 years, the Committee has recommended that around 85% of newly-listed entities have a Conservation Advice but not a Recovery Plan and that both instruments be prepared for the remainder.

What is being done

The Committee is working with the department in progressing a strategic project to ensure every listed species and ecological community has a conservation plan in place that is fit-for-purpose and provides an efficient, best-practice method for conveying the recovery needs of that entity to all stakeholders.

The department is undertaking a formal review of all past decisions whether or not to have a Recovery Plan. The Committee is advising the Minister on the results of this review. Preliminary results of this review suggest that the proportion of already-listed entities that require a Recovery Plan will be similar to the proportion of newly-listed species that have been recommended to have a Recovery Plan in the last 10 years.

2

⁴ The EPBC Act specifies a timeframe of 3 years for a Recovery Plan to be in place from the time of the Minister's decision to have the Recovery Plan and which can be extended by a further 3 years by the Minister. In practice, the time to prepare a plan is typically between 2-5 years.

⁵ This section paraphrases the requirements specified in the EPBC Act s274(2)

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Because a Conservation Advice is approved at, and is in force under law from the time of listing, it provides targeted and timely guidance to support recovery effort to all threatened species and ecological communities, especially those that are in the most urgent need of assistance. Listed entities with complex planning needs may continue to be best-served by Recovery Plans.

Nonetheless, the conservation of most listed entities can be efficiently and effectively guided by a Conservation Advice.

For more details of the history of conservation planning under the EPBC Act and the legislative context, see Appendix A.

The goals of this work

- To ensure conservation plans are in place for all entities listed as threatened to guide recovery and restoration actions. These conservation plans will be a mix of Conservation Advices and Recovery Plans, to ensure the planning approach is efficient, flexible and fit-for-purpose.
- To ensure Recovery Plans and Conservation Advices continue to provide effective guidance for recovery.
- To systematically review all entities listed as threatened that currently have a decision to require or update a Recovery Plan, and apply contemporary decision making to ensure consistency across all Recovery Plan decisions.

Committee Principles

As a streamlined, nimble and cost-effective document for identifying the conservation needs and priority recovery actions, the Committee considers that a Conservation Advice is the most appropriate document for guiding the recovery of entities listed as threatened in many circumstances. Nonetheless, in addition to the statutory requirements listed above, when one or more of the following principles apply, the Committee may advise the Minister that a Recovery Plan for a single or multiple species or ecological community, or a geographic region, is required in addition to a Conservation Advice:

- 1. There are significant complexities in conservation planning that present special challenges for coordination of effort. This complexity can arise from:
 - the entity being subject to multiple, significant threats;
 - the range of the entity occurring across multiple state, territory or Commonwealth borders; across multiple land tenures; and/or across a high proportion of private land; or
 - there being large numbers, and/or diverse views, of stakeholders;
 - the entity being subject to high development pressure or other threats that can be regulated under the EPBC Act; and/or
- 2. The entity has significant occurrences on Commonwealth land or sea where the Commonwealth must implement a Recovery Plan to the extent that it applies (s269(1)).

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Additionally, and in the case of a subsequent Recovery Plan decision, if the Committee considers that a Recovery Plan is no longer needed according to the principles above, a Recovery Plan may still be recommended in the case that:

- 3. There is an established Recovery Team⁶ coordinating the implementation of a Recovery Plan, who are willing to contribute to any reviews and updating of that Recovery Plan; and/or
- 4. A current advanced draft of a high-quality Recovery Plan is already available that demonstrably incorporates the views, and has the active support of a range of stakeholders.

The relative importance of each of these principles may differ for each entity and the Committee considers this aspect in formulating its advice.

Actions

The following actions are being undertaken by the Committee:

Recovery Plan decisions reviewed⁷

The Committee is working with the department to complete reviews of the Recovery Plan decisions for 811 legacy entities which pre-date contemporary conservation planning decision making (i.e., Recovery Plan decisions made before 2013) by March 2022.⁸

The Committee will advise the Minister on the most appropriate planning document to guide recovery for each reviewed entity.

After considering the advice of the Committee and the comments received during the public consultation period (process described in Appendix), the Minister may make a subsequent decision to no longer require a Recovery Plan for a threatened species or ecological community.

New Conservation Advices developed

The Committee is working with the department to prepare a Conservation Advice⁹ for approval by the Minister to guide recovery of legacy entities which do not have an approved Conservation Advice in place and where a decision is made to no longer require a Recovery Plan. The Committee aims to have over 200 Conservation Advices completed for such entities by the time that the relevant Recovery Plans sunset.

In providing Conservation Advices to the Minister, the Committee may include advice as appropriate on whether: (1) a Recovery Team or similar be formed to guide and coordinate implementation; (2) a Conservation Advice should subsequently inform other planning instruments such as a Bioregional Plan or a multi-entity Conservation Plan; and/or (3) a suggested date for the review of a Conservation Advice.

⁶ Recovery teams established under the Australian Government's <u>Recovery Team Governance - Best Practice</u> <u>Guidelines</u>

⁷ Work is well underway on this action

⁸ Decisions made after 2013, for 103 entities, will not be reviewed.

⁹ In practice, Conservation Advices are drafted by the department for the Committee to review and recommend for approval by the Minister.

New or revised Recovery Plans in place

Recovery Plans will continue to be developed for those entities that the Minister has determined require a new or revised Recovery Plan. The Committee will work with the department to complete new or revised Recovery Plans for priority listed entities in the next 12 months¹⁰.

Reporting framework progressed

A Recovery Team governance model to monitor conservation plan implementation, track progress and report on plan effectiveness is being progressively developed.

The Committee will work with the department and other stakeholders to further develop appropriate governance systems to track and report on the implementation of priority conservation plans.

Existing reporting mechanisms will be reviewed by December 2021.

Response to bushfires incorporated

In alignment with the Committee's 10-point Bushfire Response Plan, the Committee is working with the department to update Conservation Advices and Recovery Plans for the highest priority fire-affected species and ecological communities to include the impacts of, and management response to, the 2019-20 bushfires.

The Conservation Advices and Recovery Plans to be updated have been identified via a departmental review.

Multi-entity conservation plans

The benefits of multi-entity conservation plans include improved co-ordination, efficient use of scarce resources, and more effective stakeholder engagement, increasing the opportunity for improved and more enduring conservation outcomes.

The Committee will recommend thematic groupings of threatened species and ecological communities for inclusion in multi-entity conservation plans based on common threats and recovery needs.

Where appropriate, the Committee will also recommend combining Recovery Plans for threatened species and Wildlife Conservation Plans for listed migratory or marine species and cetaceans protected under the EPBC Act.

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¹⁰ Including in 2021, Recovery Plans for the Koala, Swift Parrot, Australian Fairy Tern, Mahogany Glider, Australasian Bittern and Greater Bilby.

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Future planning opportunities identified

A range of planning instruments is available under the EPBC Act, some of which have considerable potential but are under-utilised, for example Bioregional Plans. The 2019 Independent Review of the Act¹¹ recommended increased use of Bioregional Plans.

The Committee will identify opportunities for Conservation Advices, as source documents for future planning initiatives such as multi-entity Conservation Advices and Recovery Plans and Bioregional Plans.

Revision process developed for Conservation Advices

When this formal review is complete, the Committee will work with the department to develop a system under which Conservation Advices will be identified and prioritised for updating as required.

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¹¹ https://epbcactreview.environment.gov.au/

APPENDIX A: Supplementary information

EPBC Act initial requirements

At the commencement of the EPBC Act in 2000, all Recovery Plans that were in force under the *Endangered Species Protection Act 1992* were continued as being in force and having effect for the EPBC Act (see the *Environmental Reform (Consequential Provisions) Act 1999*). In addition, on commencement, the EPBC Act required a Recovery Plan to be in place for all entities listed as threatened.

The timeframes for getting a Recovery Plan in place varied and were usually between 2 and 5 years, often depending upon the distribution of the entity listed as threatened (being fully or partially in or outside of a Commonwealth area) or upon the listed category (i.e., Critically Endangered, Endangered or Vulnerable) of the entity.

2007 Amendments

The 2007 amendments to the EPBC Act removed the mandatory requirement for all entities listed as threatened to have a Recovery Plan and incorporated a requirement for all such entities to have an approved Conservation Advice at all times (see section 266B(1)).

The amendments required the Minister to decide whether an entity listed as threatened also required a Recovery Plan, in addition to the Conservation Advice. At the time of the amendments, all entities that either had a plan in force or in preparation were identified as requiring a Recovery Plan (Environment and Heritage Legislation Amendment Act (No. 1) 2006 - 'Commenced List') without an individual assessment of the need for a Recovery Plan for those entities. Those without a plan in force or in preparation were placed on the 'Not Commenced List' and the Committee was required to give the Minister advice on whether the species or ecological community required a Recovery Plan under section 269AA(1).

Transitional provisions¹² further provided that the requirements under 266B(1), which required all species and ecological communities to have a Conservation Advice, did not apply in relation to a species or community unless and until the Minister decided not to have a Recovery Plan under the amended EPBC Act. The effect of this transitional provision was that those species and communities that already had Recovery Plans in place or were deemed to require Recovery Plans would not also require Conservation Advices at the time the amended EPBC Act commenced.

The Minister, taking into account TSSC advice and public comments, can change the decision to require a Recovery Plan.

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¹² (Environment and Heritage Legislation Amendment Act (No.1) 2006 see para 15(4))

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Legislation Act 2003

Legislative instruments for Recovery Plans sunset 10 years after taking effect. The *Legislation Act* 2003 came into force in 2005. At the time instruments were registered to back-capture Recovery Plans that were adopted prior to 2005. As there were Recovery Plans in place at the time of the 2007 amendments to the EPBC Act, the entities concerned were exempt from needing a Conservation Advice. Now that the Recovery Plans instruments are sunsetting, a Conservation Advice is required for each of these entities to ensure that the Minister is not in breach of s266B.

While instruments sunset after 10 years, the decision to have a Recovery Plan remains under the EPBC Act.

The legacy of pre-2007 requirements

The legacy of pre-2007 requirements under the Act has left a current requirement for 914 listed entities to have Recovery Plans in place. Legislative instruments for Recovery Plans sunset (i.e., are no longer in force) 10 years after taking effect, unless they are remade¹³. The EPBC Act creates an obligation on the Minister to ensure that once a plan is made, it remains in force until a subsequent decision is made not to have a Recovery Plan, that is, Recovery Plans which sunset will need to be remade where there remains a decision of the Minister to have a Recovery Plan. This situation is providing an opportunity to replace Recovery Plans with more nimble and modern planning instruments, in the form of Conservation Advice if appropriate.

Current relevant statutory requirements

- All entities listed as threatened, other than species in the Extinct and Conservation
 Dependent categories and listed ecological communities in the Vulnerable category, are
 Matters of National Environmental Significance and protected under the Act, regardless of
 requirements for conservation plans.
- Recovery Plans must be reviewed by the Minister at least every 5 years (s279).
- The Commonwealth must implement a Recovery Plan or Threat Abatement Plan to the extent which it applies in Commonwealth areas (s269(1)).
- When making a decision on an action, the Minister must 'have regard to' an approved Conservation Advice for a species or ecological community that is likely to be impacted by the action and must 'not act inconsistently' with a Recovery Plan (s139). 14

¹³ These time limits do not apply to Conservation Advices which are not legislative instruments

¹⁴ Environmental assessors are guided by the Significant Impact Guidelines https://www.environment.gov.au/epbc/publications/significant-impact-guidelines-11-matters-national-environmental-significance. The application of these guidelines is informed by all relevant conservation planning documents.

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- All listed entities require a Conservation Advice unless they had a Recovery Plan in place prior to 2007. Entities can therefore require:
 - A Conservation Advice only (for those entities with a decision not to require a Recovery Plan);
 - A Recovery Plan only (for those entities with a Recovery Plan in force since prior to 2007);
 - Both a Conservation Advice and a Recovery Plan (for those entities listed after 2007 with a Ministerial decision to require a Recovery Plan).

Process for the review

For some entities, the review process will result in the recommendation to retain their Recovery Plan status (i.e., they will continue to either require a Plan or keep a current Plan in force).

For those that will have a subsequent decision (to not have a Recovery Plan), the key activities for this process include the following (note: statutory requirements are marked with an asterisk*):

- 1. Review each entity to determine which ones should be progressed through the process of a proposed subsequent Recovery Plan decision.
- 2. Seek input from relevant state/territory jurisdictions/ Commonwealth departments and from relevant internal (departmental) areas on the entities proposed for review.
- 3. *Threatened Species Scientific Committee (Committee) provides its initial advice on the Minister's *proposed* subsequent Recovery Plan decision.
- 4. *Minister considers the Committee's advice and agreement to publish a notice seeking public comment on the *proposed* subsequent Recovery Plan decision.
- 5. *Public comments sought for at least 30 business days. Where known, interested stakeholders will be notified (e.g., Recovery Teams, NGOs and researchers).
- 6. *Committee provides its final advice to the Minister on the subsequent Recovery Plan decision, taking into account comments received.
- 7. *Minister considers Committee advice and comments received from the consultation process and makes his/her subsequent Recovery Plan decision.
- 8. *Minister's decision is published. Relevant stakeholders advised.

Where a subsequent decision is made by the Minister to not have a Recovery Plan for a species or ecological community, the department will ensure that a new or updated Conservation Advice will be approved for that entity within 30 days of the Minister's decision.

DEPARTMENT OF AGRICULTURE, WATER AND THE ENVIRONMENT

MS21-003375

To: Minister for the Environment (For Decision)

REVIEW OF RECOVERY PLAN DECISIONS – RECOMMENDATIONS FOR THE PUBLIC CONSULTATION PROCESS

Timing: 15 September 2021 - to allow time for public consultation proposed to open 17 September 2021.

Recommendations:

s. 22(1)(a)(ii)

2. Agree to the recommended approach to staging the public consultation period, as at Attachment D, and opening the first stage on 17 September 2021.

Agreed / Not agreed

s. 22(1)(a)(ii)

Minister:

Comments:

Ly

s. 22(1)(a)(ii)

Date

15/7/2

Clearing Officer:	Ilona Stobutzki	Assistant Secretary,	Ph: 6274 2531
Sent: 13/09/2021		Protected Species	Mob: s. 47F(1)
		and Communities	
Contact Officer:	s. 22(1)(a)(ii)	Director, Terrestrial	Ph: (s. 22(1)(a)(ii)
		Threatened Species	Mob

Key Points:

 Currently 914 listed threatened species and ecological communities are required to have a recovery plan in force under the *Environment Protection and Biodiversity Conservation Act 1999* (the EPBC Act). The Threatened Species Scientific Committee (the Committee) and department are working towards a more strategic and flexible approach in conservation planning to support the recovery of threatened species and ecological

communities. This work will also contribute to addressing legacy and compliance issues in conservation planning. A systematic review of recovery plan decisions made prior to 2014 has been undertaken, covering 811 listed threatened species and ecological communities. The more recent decisions to require a recovery plan (in or since 2014), covering 103 entities will be reviewed at a later stage.

2. You previously agreed (MS21-000570) to undergo public consultation on the proposed subsequent recovery plan decisions to not have a recovery plan for 675 threatened species and ecological communities, subject to feedback from initial stakeholder consultation. Ys. 22(1)(a)(ii)

This species will now be incorporated into the broader project to give a total of 676 entities for public consultation. The list of entities grouped by sunsetting dates is at **Attachment F**.

s. 22(1)(a)(ii)

- 4. As proposed in the previous briefing (MS21-000570), the department has met with key $ENGOs \frac{s. 22(1)(a)(ii)}{s}$
- 5. While some of the ENGOs listed in [4] above raised general concerns about , the main themes raised in the discussions relevant to this project include:

f. Concerns regarding the proposed consultation processes, particularly the capacity of the community to consider large numbers of entities and provide comments within a period of 30 business days.

s. 22(1)(a)(ii)

s. 22(1)(a)(ii)

s. 22(1)(a)(ii)

7. In response to the ENGOs' concerns regarding the public consultation process, the department has explored options to stage the public consultation process, including consulting the Australian Government Solicitor (AGS) s. 22(1)(a)(ii)

s. 22(1)(a)(ii)

- 11. The department recommends a staged approach to the public consultation period to ensure that statutory requirements are met and provide more time for consultation across all the proposed decisions (Attachment D).
- 12. The first tranche would include 185 entities, comprising 36 entities for which their recovery plans sunset on 1 October 2021, and 149 entities that are currently overdue to have a recovery plan made. The latter group of entities have conservation advices in place. The department recommends public consultation is opened on the first tranche on 17 September 2021 as outlined (Attachment D).
- 13. The staged approach will provide the opportunity to consider public feedback on the first tranche to guide the approach for the remaining tranches. The second and third tranches would include the large number of entities with recovery plans sunsetting in April 2022, followed by a fourth tranche for entities sunsetting in October 2022 and into 2023. The tranches would be grouped by taxa to assist stakeholders. s. 22(1)(a)(ii)

Sensitivities and Handling

s. 22(1)(a)(ii)

Consultation: YES

22. The department's Legal, Strategic Communications and Web teams have been consulted regarding the risks and benefits of a staged versus bulk public consultation.

s. 22(1)(a)(ii)

Legal advice / Legislative impacts:

s.42(1)

Financial impacts:

24. Nil

Attachments:

s. 42(1)

0

D: s. 22(1)(a)(ii)

Recommended approach for staging the public consultation period.

F: s. 22(1)(a)(ii)

Lists of entities grouped by sunsetting date.

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S. 42(1)

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s. 42(1)

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S. 42(1)

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s. 42(1)

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S. 42(1)

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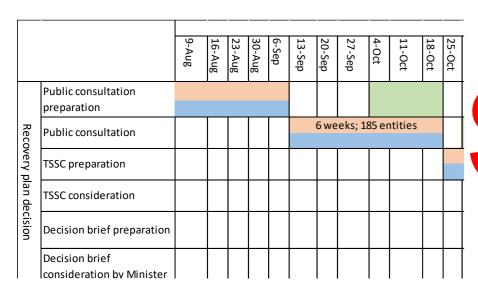
S. 42(1)

ATTACHMENT D

RECOMMENDED APPROACH FOR UNDERTAKING THE PUBLIC CONSULTATION PERIOD VIA A STAGED APPROACH

The public consultation on the proposed subsequent decisions will be conducted in S. 22(1)(a)(ii) tranches. The first tranche, proposed to open 17 September 2021, would include 185 entities – 36 with recovery plans on legislative instruments sunsetting on 1 October 2021, and 149 with recovery plans overdue to be in force.

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s. 22(1)(a)(ii)

	No. of
Key	entities
Sunsetting 1 October 2021	36
Overdue RPs	149

ATTACHMENT F

676 ENTITIES GROUPED BY SUNSETTING DATE/STATUTORY TIMEFRAME

Entities with legislative instruments sunsetting on 1 October 2021 (count = 36)

Count	Scientific Name	Common Name
1.	Acacia enterocarpa	Jumping-jack Wattle
2.	Acacia glandulicarpa	Hairy-pod Wattle
3.	Acacia imitans	Gibson Wattle
4.	Acacia phasmoides	Phantom Wattle
5.	Acacia pinguifolia	Fat-leaved Wattle
6.	Acacia vassalii	Vassal's Wattle
7.	Asterolasia elegans	
8.	Banksia ionthocarpa	Kamballup Dryandra
9.	Caladenia argocalla	White-beauty Spider-orchid
10.	Caladenia behrii	Pink-lipped Spider-orchid
11.	Caladenia gladiolata	Bayonet Spider-orchid, Clubbed Spider-orchid
12.	Caladenia intuta	Ghost Spider-orchid
13.	Caladenia macroclavia	Large-club Spider-orchid
14.	Caladenia melanema	Ballerina Orchid
15.	Caladenia rigida	Stiff White Spider-orchid
16.	Caladenia woolcockiorum	Woolcock's Spider-orchid
17.	Caladenia xantholeuca	White Rabbits, Flinders Ranges White Caladenia
18.	Daviesia microcarpa	Norseman Pea
19.	Eremophila koobabbiensis	Koobabbie Eremophila, Koobabbie Poverty Bush
20.	Eucalyptus recurva	Mongarlowe Mallee
21.	Eucalyptus x balanites	Cadda Road Mallee, Cadda Mallee
22.	Hemiandra rutilans	Sargents Snakebush, Colourful Snakebush
23.	Leucopogon obtectus	Hidden Beard-heath
24.	Microtis angusii	Angus's Onion Orchid
25.	Petrogale persephone	Proserpine Rock-wallaby
26.	Pomaderris brunnea	Rufous Pomaderris, Brown Pomaderris
27.	Prasophyllum petilum	Tarengo Leek Orchid
28.	Pteropus conspicillatus	Spectacled Flying-fox
29.	Pterostylis bryophila	Hindmarsh Valley Greenhood
30.	Pterostylis lepida	Halbury Greenhood
31.	Pultenaea sp. Genowlan Point (NSW 417813)	Genowlan Point Pultenaea, Genowlan Pultenaea
32.	Roycea pycnophylloides	Saltmat
33.	Symonanthus bancroftii	Bancrofts Symonanthus
34.	Verticordia fimbrilepis subsp. fimbrilepis	Shy Featherflower
35.	Zieria baeuerlenii	Bomaderry Zieria, Bomaderry Creek Zieria
36.	Zieria citriodora	Lemon-scented Zieria

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Entities with recovery plans overdue to be in force (count = 150)

Count	Scientific Name	Common Name
1.	Arnhem Plateau Sandstone Shrubland	
	Complex	
2.	Blue Gum High Forest of the Sydney Basin	
	Bioregion	
3.	Brigalow (Acacia harpophylla dominant and co-	
	dominant)	
4.	Broad leaf tea-tree (Melaleuca viridiflora)	
	woodlands in high rainfall coastal north	
5.	Queensland Castlereagh Scribbly Gum and Agnes Banks	
5.	Woodlands of the Sydney Basin Bioregion	
6.	Cooks River/Castlereagh Ironbark Forest of	
0.	the Sydney Basin Bioregion	
7.	Coolibah - Black Box Woodlands of the Darling	
	Riverine Plains and the Brigalow Belt South	
	Bioregions	
8.	Cumberland Plain Shale Woodlands and	
	Shale-Gravel Transition Forest	
9.	Giant Kelp Marine Forests of South East	
	Australia	
10.	Gippsland Red Gum (Eucalyptus tereticornis	
	subsp. Mediana) Grassy Woodland and	
11.	Associated Native Grassland Grassy Eucalypt Woodland of the Victorian	
11.	Volcanic Plain	
12.	Grey Box (Eucalyptus microcarpa) Grassy	
	Woodlands and Derived Native Grasslands of	
	South-eastern Australia	
13.	Kangaroo Island Narrow-leaved Mallee	
	(Eucalyptus cneorifolia) Woodland	
14.	Lowland Native Grasslands of Tasmania	
15.	Monsoon vine thickets on the coastal sand	
	dunes of Dampier Peninsula	
16.	Natural Grasslands of the Murray Valley Plains	
17.	Natural Grasslands of the Queensland Central	
	Highlands and northern Fitzroy Basin	
18.	Natural grasslands on basalt and fine-textured	
	alluvial plains of northern New South Wales	
40	and southern Queensland	
19.	Natural Temperate Grassland of the South	
20	Eastern Highlands	
20.	Natural Temperate Grassland of the Victorian Volcanic Plain	
21.	New England Peppermint (Eucalyptus nova-	
۷.	anglica) Grassy Woodlands	
22.	Scott River Ironstone Association	
23.	Seasonal Herbaceous Wetlands (Freshwater)	
20.	of the Temperate Lowland Plains	
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Count	Scientific Name	Common Name
24.	Shale Sandstone Transition Forest of the	
	Sydney Basin Bioregion	
25.	Subtropical and Temperate Coastal Saltmarsh	
26.	Turpentine-Ironbark Forest of the Sydney	
27.	Basin Bioregion Weeping Myall Woodlands	
28.		
20.	Western Sydney Dry Rainforest and Moist Woodland on Shale	
29.	Acacia ataxiphylla subsp. magna	Large-fruited Tammin Wattle
30.	Acacia bynoeana	Bynoe's Wattle, Tiny Wattle
31.	Acacia cretacea	Chalky Wattle
32.	Acacia rhetinocarpa	Neat Wattle, Resin Wattle
33.	Acacia splendens	Splendid Wattle, Dandaragan Wattle
34.	Acacia subflexuosa subsp. capillata	Hairy-stemmed Zig-Zag Wattle
35.	Acacia volubilis	Tangled Wattle, Tangle Wattle
36.	Acacia whibleyana	Whibley Wattle
37.	Anous tenuirostris melanops	Australian Lesser Noddy
38.	Aprasia parapulchella	Pink-tailed worm lizard, Pink-
	, , ,	tailed Legless Lizard
39.	Aristida annua	
40.	Azorella macquariensis	Macquarie Cushions
41.	Balaenoptera borealis	Sei Whale
42.	Balaenoptera physalus	Fin Whale
43.	Banksia squarrosa subsp. argillacea	Whicher Range Dryandra
44.	Bidyanus bidyanus	Silver Perch, Bidyan
45.	Brachyscome muelleri	Corunna Daisy
46.	Burmannia sp. Bathurst Island (R.Fensham 1021)	
47.	Caladenia arenaria	Sand-hill Spider-orchid
48.	Caladenia brumalis	Winter Spider-orchid
49.	Caladenia colorata	Coloured Spider-orchid, Small Western Spider-orchid, Painted spider-orchid
50.	Caladenia cremna	Don's Spider orchid
51.	Calyptorhynchus lathami halmaturinus	Glossy Black-Cockatoo (Kangaroo Island), Glossy Black-Cockatoo (South Australian)
52.	Calytrix breviseta subsp. breviseta	Swamp Starflower
53.	Chalcophaps indica natalis	Emerald Dove (Christmas Island)
54.	Conospermum densiflorum subsp. unicephalatum	One-headed Smokebush
55.	Conostylis dielsii subsp. teres	Irwin's Conostylis
56.	Conostylis micrantha	Small-flowered Conostylis
57.	Cryptoblepharus egeriae	Christmas Island Blue-tailed Skink

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Count	Scientific Name	Common Name
58.	Cyclodomorphus praealtus	Alpine she-oak skink
59.	Cyrtodactylus sadleiri	Christmas Island Giant Gecko
60.	Daphnandra johnsonii	Illawarra Socketwood
61.	Davidsonia jerseyana	Davidson's Plum
62.	Daviesia bursarioides	Three Springs Daviesia
63.	Delma impar	Striped Legless Lizard, Striped
C4	Dielegathium ausgabendieum	Snake-lizard
64.	Dichanthium queenslandicum	King Blue-grass
65.	Drummondita ericoides	Morseby Range Drummondita
66.	Eidothea hardeniana	Nightcap Oak
67.	Eremophila denticulata subsp. trisulcata	Cumquat Eremophila
68.	Eucalyptus benthamii	Camden White Gum, Nepean River Gum
69.	Eucalyptus crucis subsp. praecipua	Paynes Find Mallee
70.	Eucalyptus dolorosa	Dandaragan Mallee, Mount Misery Mallee
71.	Eucalyptus impensa	Eneabba Mallee
72.	Eucalyptus leprophloia	Scaly Butt Mallee, Scaly-butt Mallee
73.	Eucalyptus parramattensis subsp. decadens	Earp's Gum, Earp's Dirty Gum
74.	Eucalyptus rhodantha	Rose Mallee
75.	Eucalyptus x phylacis	Meelup Mallee
76.	Falcunculus frontatus whitei	Crested Shrike-tit (northern), Northern Shrike-tit
77.	Genoplesium baueri	Brittle Midge-orchid, Bauer's Midge Orchid, Yellow Gnat- Orchid
78.	Gentiana baeuerlenii	Baeuerlen's Gentian
79.	Geophaps smithii smithii	Partridge Pigeon (eastern)
80.	Grevillea beadleana	Beadle's Grevillea
81.	Halobaena caerulea	Blue Petrel
82.	Haloragis eyreana	Prickly Raspwort
83.	Heleioporus australiacus	Giant Burrowing Frog
84.	Hemiandra gardneri	Red Snakebush
85.	Hoplocephalus bungaroides	Broad-headed Snake
86.	Hoplogonus bornemisszai	Bornemissza's Stag Beetle
87.	Hoplogonus simsoni	Simson's Stag Beetle
88.	Hoplogonus vanderschoori	Vanderschoor's Stag Beetle
89.	Irenepharsus trypherus	Delicate Cress, Illawarra Irene
90.	Isoodon auratus auratus	Golden Bandicoot (mainland)
91.	Isoodon obesulus obesulus	Southern Brown Bandicoot (eastern), Southern Brown Bandicoot (south-eastern)
92.	Lepidium ginninderrense	Ginninderra Peppercress
93.	Leucocarbo atriceps nivalis	Imperial Shag (Heard Island), Heard Shag

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Count	Scientific Name	Common Name
94.	Leucocarbo atriceps purpurascens	Imperial Shag (Macquarie Island)
95.	Leucopatus anophthalmus	Blind Velvet Worm
96.	Liopholis guthega	Guthega skink
97.	Liopholis slateri slateri	Slater's Skink, Floodplain Skink
98.	Lissotes latidens	Broad-toothed Stag Beetle, Wielangta Stag Beetle
99.	Litoria aurea	Green and golden bell frog
100.	Litoria verreauxii alpina	Alpine Tree Frog, Verreaux's Alpine Tree Frog
101.	Maccullochella ikei	Clarence River Cod, Eastern Freshwater Cod
102.	Macroderma gigas	Ghost Bat
220	1)(a)(ii)	
104.	Muenienbecкіа tuggeranong	∣ I uggeranong Lignum
105.	Myriophyllum lapidicola	Chiddarcooping Myriophyllum
400	Advantage wild become a large to	Dunala la of Muttanuna al

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104.	Mùeniènbécкıа tuggeranong	Luggeranong Lignum
105.	Myriophyllum lapidicola	Chiddarcooping Myriophyllum
106.	Myrsine richmondensis	Purple-leaf Muttonwood,
		Lismore Muttonwood
107.	Notomys aquilo	Northern Hopping-mouse,
108.	Olearia pannosa subsp. pannosa	Woorrentinta Silver Daisy-bush, Silver-leaved
100.	Oleana pannosa subsp. pannosa	Daisy, Velvet Daisy-bush
109.	Ornduffia calthifolia	Mountain Villarsia
110.	Pachyptila turtur subantarctica	Fairy Prion (southern)
111.	Papasula abbotti	Abbott's Booby
112.	Parantechinus apicalis	Dibbler
113.	Patersonia spirifolia	Spiral-leaved Patersonia
114.	Phascogale calura	Red-tailed Phascogale, Red-
		tailed Wambenger, Kenngoor
115.	Pherosphaera fitzgeraldii	Dwarf Mountain Pine
116.	Philotheca basistyla	White-flowered Philotheca
117.	Pleuropappus phyllocalymmeus	Silver Candles
118.	Pneumatopteris truncata	fern
119.	Prostanthera calycina	West Coast Mintbush,
		Limestone Mintbush, Red
400	De academana e la aduldació	Mintbush
120.	Pseudomys shortridgei	Heath Mouse, Dayang, Heath Rat
121.	Pterodroma arminjoniana	Round Island Petrel, Trinidade
	, and the second second second	Petrel
122.	Pterodroma heraldica	Herald Petrel
123.	Pterodroma mollis	Soft-plumaged Petrel
124.	Pteropus natalis	Christmas Island Flying-fox,
		Christmas Island Fruit-bat
125.	Pterostylis mirabilis	Nodding Rufoushood
126.	Pterostylis oreophila	Kiandra Greenhood, Blue-
		tongued orchid

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Count	Scientific Name	Common Name
127.	Pterostylis sinuata	Northampton Midget Greenhood, Western Swan
		Greenhood
128.	Pultenaea trichophylla	Tufted Bush-pea
129.	Rhincodon typus	Whale Shark
130.	Sarcochilus weinthalii	Blotched Sarcochilus, Weinthals Sarcanth
131.	Sarcophilus harrisii	Tasmanian devil
132.	Selaginella andrewsii	Tallebudgera spikemoss
133.	Sminthopsis butleri	Butler's Dunnart
134.	Sterna vittata bethunei	New Zealand Antarctic Tern, Antarctic Tern (New Zealand)
135.	Sterna vittata vittata	Antarctic Tern (Indian Ocean)
136.	Stipiturus malachurus parimeda	Southern Emu-wren (Eyre Peninsula)
137.	Synemon plana	Golden Sun Moth
138.	Tectaria devexa	
139.	Thesium australe	Austral Toadflax, Toadflax
140.	Turdus poliocephalus erythropleurus	Christmas Island Thrush
141.	Typhonium jonesii	herb
142.	Typhonium mirabile	herb
143.	Tyto novaehollandiae kimberli	Masked Owl (northern)
144.	Tyto novaehollandiae melvillensis	Tiwi Masked Owl, Tiwi Islands Masked Owl
145.	Verticordia hughanii	Hughan's Featherflower
146.	Verticordia spicata subsp. squamosa	Scaly-leaved Featherflower
147.	Verticordia staminosa var. cylindracea	Granite Featherflower
148.	Wurmbea tubulosa	Long-flowered Nancy
149.	Zieria granulata	Hill Zieria, Hilly Zieria, Illawarra Zieria
150.	Zieria prostrata	Headland Zieria

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