

NSW SCIENTIFIC COMMITTEE

Determination to make minor amendments to Schedules 1, 1A and 2 of the Threatened Species Conservation Act

The Scientific Committee, established under the *Threatened Species Conservation Act, 1995* (the Act), has made a determination to amend the description of certain species listed in Schedules 1, 1A and 2 of the Act referred to in paragraphs (a) and (b) below pursuant to section 36A (1) the Act.

a) The Scientific Committee is of the opinion that the following amendments or insertions of the descriptions of the following species and population are necessary or desirable to reflect changes in the name of a species or a reclassification of a species into further species as a result of taxonomic revision:

The references and websites cited in the Reference list contain the reasons for these amendments or insertions in the Schedules.

Schedule 1, Part 1 Endangered Species

Animals

Vertebrates

Reptiles

Gekkonidae

Omit	Gekkonidae <i>Oedura rhombifer</i> J.E. Gray, 1845	Zigzag Velvet Gecko
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Diplodactylidae (insert before Scincidae)

Insert	Diplodactylidae <i>Amalosia rhombifer</i> (J.E. Gray, 1845)	Zigzag Velvet Gecko
Amendment	Change in animal family name and move position in Schedule.	
Reference	Change in genus for the Zigzag Velvet Gecko – Oliver PM, Bauer AM, Greenbaum E, Jackman T Hobbie T (2012) Molecular phylogenetics of the arboreal Australian gecko genus <i>Oedura</i> Gray 1842 (Gekkota: Diplodactylidae): Another plesiomorphic grade? <i>Molecular Phylogenetics and Evolution</i> 63 , 255-264	

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Invertebrates

Lepidoptera

Nymphalidae

Omit	<i>Argyreus hyperbius</i> (Linnaeus, 1763), Laced Fritillary or Australian Fritillary
Insert	<i>Argynnis hyperbius</i> (Linnaeus, 1763), Laced Fritillary
Reference	Simonsen, T.J. 2006. Fritillary phylogeny, classification, and larval host plants: reconstructed mainly on the basis of male and female genitalic morphology (Lepidoptera: Nymphalidae: Argynnini). <i>Biological Journal of the Linnean Society</i> 89 : 627-673

Plants

Ebenaceae

Omit	<i>Diospyros major</i> var. <i>ebenus</i> (Sprengel) Bakh
Insert	<i>Diospyros yandina</i> Jessup
Reference	Jessup LW (2014) A taxonomic revision of <i>Diospyros</i> L. (Ebenaceae) in Australia. <i>Austrobaileya</i> , 155-197

Rutaceae

Omit	<i>Boronia boliviensis</i> ms
Insert	<i>Boronia boliviensis</i> J.B. Williams & J.T. Hunter
Reference	Williams JB, Hunter JT (2006) <i>Boronia boliviensis</i> (Rutaceae series Erianthae), a new rare granite outcrop endemic from north-eastern New South Wales. <i>Telopea</i> 11 ,260-264 Duretto MF, Wilson P, Ladiges PY (2013) <i>Boronia</i> (Rutaceae), Flora of Australia (Ed Wilson AJG) (ed.) 26 , 124-282

Omit	<i>Boronia ruppilii</i> Cheel <i>sensu stricto</i>
Insert	<i>Boronia ruppilii</i> Cheel
Reference	Duretto MF (1999) Systematics of <i>Boronia</i> section <i>Valvatae sensu lato</i> (Rutaceae). <i>Muelleria</i> 12 , 1-135 Duretto MF, Wilson P, Ladiges PY (2013) <i>Boronia</i> (Rutaceae), Flora of Australia (Ed Wilson AJG) (ed.) 26 , 124-282

Omit	<i>Geijera paniculata</i> (F. Muell.) Druce
Insert	<i>Coatesia paniculata</i> F. Muell
Reference	Hartley TG in Wilson, A.J.G. (ed.) (2013), <i>Coatesia</i> . <i>Flora of Australia</i> 26 , 72

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Schedule 1A, Part 1 Critically endangered species

Plants

Orchidaceae

Omit	<i>Thelymitra</i> sp. <i>adorata</i> (B. Branwhite JAJ1030) J. Jeanes in ed.
Insert	<i>Thelymitra adorata</i> Jeanes
Reference	Jeanes JA (2011) Resolution of the <i>Thelymitra aristata</i> (Orchidaceae) complex of south-eastern Australia. <i>Muelleria</i> 29 , 110–129.

Schedule 2, Part 1 Vulnerable species

Animals

Reptiles

Chelidae

Omit	* <i>Elseya belli</i> (Gray, 1844) Bell's Turtle
Insert	* <i>Myucheleles belli</i> (Gray, 1844) Bell's Turtle, Western Sawshelled Turtle
Reference	Georges AG, Thomson S (2010) Diversity of Australian freshwater turtles, with annotated synonymy and key to species. <i>Zootaxa</i> 2496 , 1-37.

Elapidae

Omit	<i>Demansia torquata</i> (Günther, 1862) Collared Whip Snake
Insert	<i>Demansia rimicola</i> Scanlon, 2007 a whip snake
Reference	Shea GM, Scanlon JD 2007 Revision of the Small Tropical Whipsnakes previously referred to <i>Demansia olivacea</i> (Gray, 1842) and <i>Demansia torquata</i> (Günther, 1862) (Squamata: Elapidae). <i>Records of the Australian Museum</i> 59 , 117-142.

Gekkonidae

Omit	* <i>Underwoodisaurus sphyrurus</i> (Ogilby, 1892)
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Carphodactylidae

Insert	* <i>Uvidicolus sphyrurus</i> (Ogilby, 1892)
Reference	Oliver PM, Bauer AM 2011 Systematics and evolution of the Australian knob-tailed geckos (<i>Nephrurus</i> , Carphodactylidae, Gekkota): Plesiomorphic grades and biome shifts through the Miocene. <i>Molecular Phylogenetics and Evolution</i> 59 , 664-674

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Mammals

Molossidae

Omit	<i>Mormopterus beccarii</i> Peters, 1881	Beccari's Freetail-bat
Insert	<i>Mormopterus lumsdenae</i> Reardon, McKenzie and Adams, 2014	Northern Free-tailed Bat
Reference	Reardon TB, McKenzie NL, Cooper SJB, Appleton B, Carthew S, Adams M (2014) A molecular and morphological investigation of species boundaries and phylogenetic relationships in Australian free-tailed bats <i>Mormopterus</i> (Chiroptera : Molossidae). <i>Australian Journal of Zoology</i> 62 , 109–136.	

Plants

Apocynaceae

Omit	* <i>Parsonsia dorrigoensis</i> J.B. Williams ms	
Insert	* <i>Parsonsia dorrigoensis</i> J.B. Williams	
Reference	Williams JB in Orchard AE (ed.) (1996) <i>Parsonsia</i> . Flora of Australia 28: 172, 317, 172, Figs 62, 92A-G, Map 203	

Asteraceae

Omit	* <i>Euchiton nitidulus</i> (Hook. f.) A. Anderb.	
Insert	* <i>Argyrotegium nitidulum</i> (Hook.f.) J.M.Ward & Breitw.	
Reference	Ward JM, Breitwieser I, Flann C (2003) <i>Argyrotegium</i> , a new genus of Gnaphalieae (Compositae). <i>New Zealand Journal of Botany</i> 41 , 603-611	

Rutaceae

Omit	* <i>Bosistoa transversa</i> J. F. Bailey & C. T. White <i>sensu lato</i>	
Insert	* <i>Bosistoa transversa</i> J.F. Bailey & C.T. White	
Reference	Richards PG (2002) Flora of New South Wales Revised Edition (Ed Harden GJ), 262-263 Hartley TG (2013) <i>Bosistoa</i> (Rutaceae). Flora of Australia (Ed Wilson AJG) (ed.), 48-52	

Scrophulariaceae (Remove from Schedule)

Omit	<i>Derwentia blakelyi</i> B. Briggs & Ehrend
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Plantaginaceae

Insert	<i>Veronica blakelyi</i> (B.G. Briggs & Ehrend.) B.G. Briggs	
Reference	Garnock-Jones PJ, Albach D, Briggs BG (2007) Botanical names in Southern Hemisphere <i>Veronica</i> (Plantaginaceae): sect. <i>Detzneria</i> , sect. <i>Hebe</i> , and sect. <i>Labiatoides</i> . <i>Taxon</i> , 571-582	

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b) The Scientific Committee is of the opinion that the following amendments or insertions of the descriptions of the following species are necessary or desirable to correct minor errors or omissions:

Schedule 1, Part 1 Endangered Species

Animals

Invertebrates

Lepidoptera

Lycaenidae

Omit	* <i>Paralucia spinifera</i> Edwards and Common, 1978 Bathurst Copper Butterfly
Insert	* <i>Paralucia spinifera</i> Edwards and Common, 1978 Purple Copper Butterfly, Bathurst Copper Butterfly
Amendment	Add Purple Copper Butterfly which is the common name used by the Office of Environment and Heritage

Plants

Epacridaceae (now Ericaceae)

Omit	<i>Leucopogon fletcheri</i> subsp. <i>fletcheri</i> Maiden & E. Betche
Insert	<i>Leucopogon fletcheri</i> Maiden & Betche subsp. <i>fletcheri</i>
Amendment	Authority in the wrong place

Poaceae

Omit	<i>Elyonurus citreus</i> (R. Br.) Munro ex Benth.
Insert	<i>Elionurus citreus</i> (R.Br.) Munro ex Benth.
Amendment	Amend spelling of the genus

Lamiaceae

Omit	* <i>Prostanthera askania</i> B.J. Conn (formerly known as <i>Prostanthera</i> sp. Strickland State Forest (J.H. Maiden s.n., 07/1915))
Insert	* <i>Prostanthera askania</i> B.J. Conn
Amendment	Remove superfluous information

Flacourtiaceae

Omit	<i>Xylosma parvifolium</i> Jessup
Insert	<i>Xylosma parvifolia</i> Jessup
Amendment	Amend specific epithet

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Scrophulariaceae (remove this family from the Schedule)

Omit	<i>Centranthera cochinchinensis</i> (Lour.) Merr. * <i>Euphrasia collina</i> subsp. <i>muelleri</i> (Wettst.) W.R. Barker <i>Euphrasia orthocheila</i> subsp. <i>peraspera</i> W.R. Barker <i>Euphrasia scabra</i> R. Br.
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Orobanchaceae (insert in alphabetical order in the Schedule)

Insert	<i>Centranthera cochinchinensis</i> (Lour.) Merr. * <i>Euphrasia collina</i> subsp. <i>muelleri</i> (Wettst.) W.R. Barker <i>Euphrasia orthocheila</i> subsp. <i>peraspera</i> W.R. Barker <i>Euphrasia scabra</i> R. Br.
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Amendment	Change in plant family
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Scrophulariaceae (remove this family from the Schedule)

Omit	<i>Lindernia alsinoides</i> R. Br.
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Linderniaceae (insert in alphabetical order in the Schedule)

Insert	<i>Lindernia alsinoides</i> R. Br.
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Amendment	Change in plant family
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Schedule 1, Part 2 Endangered Populations

Sterculiaceae (remove this family from the Schedule)

Omit	<i>Keraudrenia corollata</i> var. <i>denticulata</i> C. T. White
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Malvaceae (insert in alphabetical order in the Schedule)

Insert	<i>Keraudrenia corollata</i> var. <i>denticulata</i> C. T. White
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Amendment	Change in plant family
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Schedule 1, Part 4 Species presumed extinct

Plants

Scrophulariaceae (remove this family from the Schedule)

Omit	* <i>Euphrasia ruptura</i> W.R. Barker
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Orobanchaceae (insert in alphabetical order in the Schedule)

Insert	* <i>Euphrasia ruptura</i> W.R. Barker
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Amendment	Change in plant family
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Tremandraceae (remove this family from the Schedule)

Omit	<i>Tetradlea pilosa</i> Labill. subsp. <i>pilosa</i>
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Elaeocarpaceae (insert in alphabetical order in the Schedule)

Insert	<i>Tetradlea pilosa</i> Labill. subsp. <i>pilosa</i>
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Amendment	Change in plant family
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Schedule 1A, Part 1 Critically endangered species

Plants

Scrophulariaceae (remove this family from the Schedule)

Omit * *Euphrasia arguta* R. Br.

Orobanchaceae (insert in alphabetical order in the Schedule)

Insert * *Euphrasia arguta* R. Br.

Amendment Change in plant family

Sterculiaceae (remove this family from the Schedule)

Omit *Lasiopetalum behrii* F. Muell.

Malvaceae (insert in alphabetical order in the Schedule)

Insert *Lasiopetalum behrii* F. Muell.

Amendment Change in plant family

Schedule 2 Vulnerable Species

Animals

Reptiles

Gekkonidae

Omit *Lucasium stenodactylum* (Boulenger, 1896)
Strophurus elderi (Stirling & Zietz, 1893)

Diplodactylidae

Insert *Lucasium stenodactylum* Boulenger, 1896
Strophurus elderi (Stirling & Zietz, 1893)

Amendment Change family and remove bracket around Boulenger 1896

Plants

Corokiaceae (remove this family from the Schedule)

Omit * *Corokia whiteana* L.S. Smith

Argophyllaceae (insert in alphabetical order in the Schedule)

Insert * *Corokia whiteana* L.S. Sm.

Amendment Change in plant family and Authority abbreviation

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Epacridaceae (now Ericaceae)

Omit	<i>Epacris purpurascens</i> var. <i>purpurascens</i> R. Br.
Insert	<i>Epacris purpurascens</i> Sims var. <i>purpurascens</i>
Amendment	Amend Authority

Scrophulariaceae (remove this family from the Schedule)

Omit	* <i>Euphrasia bella</i> S. T. Blake
	* <i>Euphrasia bowdeniae</i> W.R. Barker
	<i>Euphrasia ciliolata</i> W.R. Barker

Orobanchaceae (insert in alphabetical order in the Schedule)

Insert	* <i>Euphrasia bella</i> S. T. Blake
	* <i>Euphrasia bowdeniae</i> W.R. Barker
	<i>Euphrasia ciliolata</i> W.R. Barker
Amendment	Change in plant family

Sterculiaceae (remove this family from the Schedule)

Omit	* <i>Lasiopetalum joyceae</i> Blakely
	* <i>Lasiopetalum longistamineum</i> Maiden & Betche

Malvaceae

Insert	* <i>Lasiopetalum joyceae</i> Blakely
	* <i>Lasiopetalum longistamineum</i> Maiden & Betche
Amendment	Change in plant family

Tremandraceae (remove this family from the Schedule)

Omit	* <i>Tetratheca glandulosa</i> Smith
	* <i>Tetratheca juncea</i> Smith

Elaeocarpaceae (insert in alphabetical order in the Schedule)

Insert	* <i>Tetratheca glandulosa</i> Sm.
	* <i>Tetratheca juncea</i> Sm.
Amendment	Change in plant family and Authority abbreviation

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Changes in Plant Family Names

The following Plant family names have changed. The current family name (if not already present in the Schedules) should be inserted in alphabetical order and all species listed under the previous family name should be transferred to this family in the following Schedules.

Schedule	Part	Previous Family	Current Family
1	1	Asclepiadaceae	Apocynaceae
1	2	Asclepiadaceae	Apocynaceae
1	1	Epacridaceae	Ericaceae
2	1	Epacridaceae	Ericaceae

Dr Mark Eldridge
Chairperson
Scientific Committee