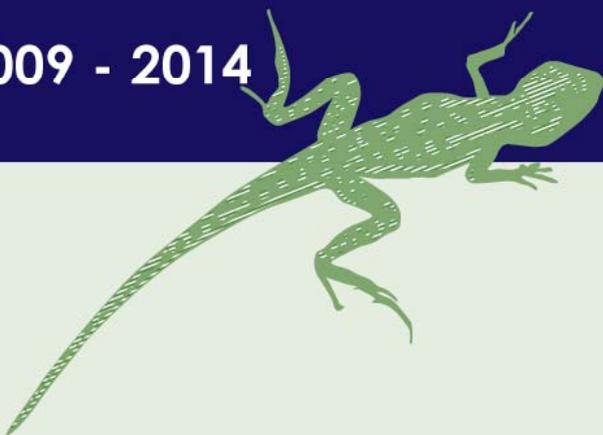


REGIONAL RECOVERY PLAN

for Threatened Species and Ecological Communities
of Adelaide and the Mount Lofty Ranges, South Australia



2009 - 2014



Appendices PART B
(Species profiles)

Department
for Environment
and Heritage



Australian Government



Government
of South Australia

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Cover design and photography

Cover design by DEH Corporate Communications Branch. Beautiful Firetail (*Stagonopleura bella*) photo by David Paton. Restored grey box (*Eucalyptus microcarpa*) grassy woodland photo by David Robertson (from *Restoration of Grassy Woodland – Watiparinga Reserve Management Plan 1999*).

Disclaimers

The opinions expressed in this document are the views of the authors and do not necessarily reflect those of the Department for Environment and Heritage, South Australia.

This recovery plan sets out the actions necessary to stop the decline of, and support the recovery of, threatened species and ecological communities in the planning area. The Australian Government is committed to acting in accordance with the plan and to implementing the plan as it applies to Commonwealth areas.

The plan has been developed with the involvement and cooperation of a broad range of stakeholders, but the making or adoption of this plan does not necessarily indicate the commitment of individual stakeholders to undertaking any specific actions. The attainment of objectives and the provision of funds may be subject to budgetary and other constraints affecting the parties involved. Proposed actions may be subject to modification over the life of the plan due to changes in knowledge and a review of the analyses contained in this plan.

Citation

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A Recovery Plan prepared under the Commonwealth *Environment Protection and Biodiversity Conservation Act 1999*.



Introduction - Regional Species Profiles

The main body of this regional recovery plan has a strategic focus, and prioritises threatened species recovery from a regional perspective. This part of the plan takes a species-based approach, and is useful for those seeking further information on species or taxa groups of particular interest.

A one to two-page regional profile has been prepared for every species included in this plan; 130 plant species and 73 animal species (amphibian, bird, freshwater fish, mammal and reptile). Whilst the profiles include general information about each species, most of the content is specific to the Adelaide and the Mount Lofty Ranges (AMLR) region.

Note, not all species with a State or National conservation listing that occur within the AMLR have been included in the plan and therefore will not have a profile (refer to the main plan for details of species inclusion).

Profiles are available online and can be found by following links located on the Adelaide Region Biodiversity Conservation Program website http://www.environment.sa.gov.au/biodiversity/adelaide_bcp/index.html.

Profiles for the plant species are ordered alphabetically by scientific name. Profiles for the animal species are ordered alphabetically by common name, within taxa types. The table on the following page describes the information fields in each profile.

The profiles have been assembled from existing information, plan analyses and personal communication. The authors recognise there are significant knowledge gaps and often conflicting information available for many species.

Acknowledgements

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Disclaimer

Whilst the authors have made every effort to ensure that the information in the profiles is accurate, current, reliable and/or free from error at the time they were prepared, they accept no responsibility or liability for any loss, damage, cost or expense users might incur as a result of the use of, or reliance upon, the material which appears in the profiles. Users of this information are responsible for making their own assessment of the content and should verify all content with their advisors. Users should note that information in the profiles has been cited from various published and web-based sources, which may have been updated since the profiles were prepared; users are recommended to refer back to the cited references to check for updated information.

The Department for Environment and Heritage does not necessarily endorse or support the views, opinions, standards or information expressed in this document.

Further information:

Biodiversity Conservation Unit, Adelaide Region

Phone: (61 8) 8336 0901 Fax: (61 8) 8336 0999

http://www.environment.sa.gov.au/biodiversity/adelaide_bcp/index.html

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Summary of the information fields in the species profiles

Field	Description
AUS	<p>Refers to the species National conservation listing under the <i>Environment Protection and Biodiversity Conservation Act 1999</i>.</p> <p>CE = Critically Endangered. Species is facing an extremely high risk of extinction in the wild in the immediate future.</p> <p>E = Endangered. Species is not critically endangered, but is facing a very high risk of extinction in the wild in the near future.</p> <p>V = Vulnerable. Species is not critically endangered or endangered, but is facing a high risk of extinction in the wild in the medium-term future.</p> <p><i>Note: there are also conservation listing categories for Extinct, Extinct in the Wild, and Conservation Dependent under the EPBC Act 1999, but none of the species included in this plan fall under these categories.</i></p>
SA	<p>Refers to the species State conservation listing under the <i>National Parks and Wildlife Act 1972</i> (Schedules 7, 8, 9, gazetted February 2008).</p> <p>E = Endangered. Taxa that are likely to become extinct in SA unless the circumstances and factors threatening their abundance, survival or evolutionary development cease to operate.</p> <p>V = Vulnerable. Taxa that are likely to move into the Endangered category in SA in the near future unless the circumstances and factors threatening their abundance, survival or evolutionary development cease to operate.</p> <p>R = Rare. Taxa that occur in small populations in South Australia, that are not at present endangered or vulnerable but are at some risk due to their low numbers. These taxa are usually localised within restricted geographical areas or are thinly scattered over a more extensive range. This may include taxa which are perceived to be at risk for which there is insufficient information available to assign them to any other category, and taxa that are considered to be dependent on ongoing conservation programs to prevent them moving into the endangered or vulnerable categories. Populations of rare taxa in SA may be contiguous with populations interstate that are considered to be secure. The rare category does not include taxa that are considered to be vagrants in South Australia.</p> <p>Note that freshwater fish are not currently listed under the NPW Act Schedules, despite recommendations as part of the 2003 review of threatened species status under the NPW Act.³</p>
AMLR	<p>Refers to the species unofficial interim regional conservation rating within the AMLR derived during the process of developing this plan.</p> <p>Regional ratings for flora are based on Lang & Kraehenbuehl (1998)⁷, revised with expert input in 2007 to reflect the AMLR planning region.</p> <p>E = Endangered. Scarce and in danger of becoming extinct in the wild.</p> <p>T = Threatened. Likely to be either Endangered or Vulnerable but insufficient information exists for a more precise assessment.</p> <p>V = Vulnerable. Rare and at risk from potential threats or long-term threats which could cause the species to become Endangered in the future.</p> <p>R = Rare. Has a low overall frequency of occurrence (may be locally common with a very restricted distribution or may be scattered sparsely over a wider area). Not currently exposed to significant threats, but warrants monitoring and protective measures to prevent reduction of population sizes.</p> <p>Regional ratings for fauna are based on Carpenter & Reid (1987)², updated to 1999, and further revised with expert input in 2007:</p> <p>E = Endangered. In danger of becoming extinct in the wild in the immediate future given current trends in populations and reasons for decline.</p> <p>V = Vulnerable. Likely to become Endangered in the immediate future given current trends in populations and reasons for decline.</p> <p>R = Rare. At risk due to low numbers of individuals even though no or little decline in distribution has been detected.</p>

Further information:

Biodiversity Conservation Unit, Adelaide Region
 Phone: (61 8) 8336 0901 Fax: (61 8) 8336 0999
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ADELAIDE AND MOUNT LOFTY RANGES
SOUTH AUSTRALIA
 Threatened Species Profile

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Field	Description
	<p>U = Uncommon. Animals or vegetation types which are inadequately conserved or declining but are not yet sufficiently threatened to be listed as rare.</p> <p>The freshwater fish have not been given a regional conservation rating.</p>
Endemism	<p>AMLR: A species or subspecies considered to only occur in the AMLR region and not found elsewhere in South Australia or nationally. May include species that previously ranged more widely before habitat and population losses.</p> <p>State: A species or subspecies ranging outside of the AMLR region but considered to occur only within South Australia.</p> <p>A dash represents a non-endemic; a species that is not endemic to the AMLR region or SA (i.e. also occurs in other Australian states and/or territories).</p>
Life History (<i>flora</i>)	<p>Annual: Plants that perform their entire life cycle from seed to flower to seed within a single growing season. All roots, stems and leaves of the plant die annually. Only the dormant seed bridges the gap between one generation and the next.</p> <p>Perennial: Plants that persist for many growing seasons.</p>
Residency (<i>fauna</i>)	<p>Resident: A species which carries out all life stages within the AMLR region.</p> <p>Migratory breeder: A species which moves from one country, region, or place to another, seasonally occupying and known to breed in areas of the AMLR.</p> <p>Migratory non-breeder: A species which moves from one country, region, or place to another, seasonally occupying the AMLR but not known to breed in the region. All Migratory non-breeding species have been excluded from this planning process, except for extant EPBC Act listed species.</p> <p>Nomadic: A species of variable, erratic movement, often related to the effects of irregular rainfall.</p> <p>Diadromous (fish only): A species which moves between freshwater and estuarine/marine habitats for one or more life cycle stages.</p> <p>Obligate freshwater (fish only): A species that completes life cycle within inland aquatic habitats (freshwater).</p>
Family (<i>flora</i>)	The taxonomic category of related organisms, ranking below an order and above a genus. A family usually consists of several genera.
Conservation Significance	<p>This field provides the context for species' AMLR regional significance, including comments on:</p> <ul style="list-style-type: none"> • Endemism (see description above); • AMLR significance in relation to broader extent of occurrence within SA (terms adapted from Groves 2003)⁶ based on post-1983 records⁴; • Species previously classified as 'declining' (birds only)¹; • Descriptive classification of area of occupancy within the AMLR, relative to all flora or fauna species included in the plan (see the accompanying plan and appendices for methods); • Taxonomic uniqueness: a measure of the taxonomic lineage or uniqueness relative to all terrestrial species present within the AMLR. A regional-specific approach was used after Freitag & Jaarsveld (1997)⁵, which accounts for order, family and genus representation for each taxon (to species level only). Due to ongoing taxonomic revisions for some species, the results should be considered indicative only; • State, interstate, national and international conservation ratings; • Unresolved taxonomic issues.
Description	A brief outline of some of the physical traits and distinguishing features of the species. Scientific terminology has purposely been avoided. The information provided is not intended to be of sufficient detail for taxonomic identification.
Distribution and Population	Information regarding the size and area of occupancy of populations/sub-populations (where known); known sites of occurrence within the AMLR; and species' broader distribution outside of the AMLR. Note, for flora species, State and regional distribution descriptions should be considered interim due to current inconsistencies between herbarium records and other information sources (e.g. the South Australian plant census). Occurrences in regions where such

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ADELAIDE AND MOUNT LOFTY RANGES
SOUTH AUSTRALIA
 Threatened Species Profile

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Field	Description
	<p>discrepancies exists are marked with "(?)".</p> <p>Inference has been drawn about the current and past distribution of each species within the AMLR based on post-1983 and pre-1983 filtered records from the custom project database⁴ (for further details refer to the main plan). The map accompanying each species profile shows the post 1983 filtered records only. Note that the information provided does not necessarily reflect the actual species' distribution within the region. There may be other populations (either unknown, unsurveyed or not included in DEH databases – such as records held in other herbaria) that are not included. Sites of recorded occurrence post-1983 have not necessarily been re-surveyed so species may no longer exist at these sites.</p> <p>Locality descriptions are purposely non-specific, to prevent misuse of information.</p>
Habitat	<p>Outlines the main habitats occupied by the species, across their range and specific to the AMLR region.</p> <p>Inference has been drawn about the preference for broad vegetation groups (BVGs) within the AMLR, based on cited references and expert opinion. There are nine BVG classifications for the AMLR region (Open Forest, Heathy Woodland, Grassy Woodland, Shrubland, Mallee, Grassland, Riparian, Coastal, Wetland), as adopted and explained in more detail in the main plan. BVG preference is ordered from most preferred (i.e. greatest proportion of the species occurring in this BVG) to least preferred (least proportion of species occurring in this BVG). Each species has been assigned to at least one, and up to three BVGs.</p> <p>A coarse determination has been made of habitat specialisation (for the flora species only), describing how narrowly defined a species habitat requirements are, based on existing knowledge and evaluated relative to within the suite of target species. The criteria relate to habitat characteristics only, not to other factors such as extant habitat area, reservation or species rarity. For some species information from other regions or States was used to determine habitat specialisation where relevant local information was scarce. Habitat specialisation was categorised as follows:</p> <p>Very High: A very narrow habitat requirement within one BVG (eg. <i>Thelymitra circumsepta</i>, requiring peaty bogs in high rainfall areas, within the 'Wetland' BVG). Other examples may include wetland margins or exposed coastal headlands.</p> <p>High: A narrow habitat requirement that may occur within one or two BVGs (eg. <i>Acacia gunnii</i> restricted to rocky areas within higher rainfall heathy communities).</p> <p>Moderate-Low: Habitat requirements not relatively specific, and that may occur within more than one BVG category (eg. <i>Spyridium coactillifolium</i>).</p>
Biology and Ecology	<p>Outlines key biological and ecological features of the species, such as: flowering time; known interactions with other species (e.g. pollinators, hosts); response to fire; incubation period; clutch size.</p>
Aboriginal Significance	<p>Describes species' current distribution relevant to the five indigenous nations of the AMLR region. Documented and anecdotal accounts of the importance/use of species' or genera, with respect to the AMLR and/or other areas may also be included.</p>
Threats	<p>An assessment of threats (where known or perceived) that are impacting on the species within the AMLR (note that the text descriptions are not inclusive).</p> <p>The threat rating summary table in the main plan identifies and rates threats significant to the species in the AMLR, as determined with the assistance of experts. The threat rating methodology, including limitations of the process, is described in the main plan.</p> <p>For most species, susceptibility to the soil-borne disease <i>Phytophthora cinammomi</i> ('<i>Phytophthora</i>') is not known. Therefore, <i>Phytophthora</i> risk has been described based on species' distribution within 2 km of confirmed or suspected <i>Phytophthora</i> infestations (as at May 2008, see also Velzeboer et al. 2005)⁸ This does not imply that species' are susceptible to <i>Phytophthora</i>; rather it highlights a potential risk (either to a species or its habitat) given its occurrence in an at-risk zone and proximity to a known infestation.</p>
Reference citations (e.g. ^{1,2,3})	<p>Numbers in superscript refer to the reference from which the information has been sourced, which corresponds to the reference list at the end of this document. Primary references (referred to within cited references) have also been retained in most cases.</p>

Further information:

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List of threatened flora profiles

Scientific name	Common name	EPBC	NPW	Life form
<i>Acacia gunnii</i>	Ploughshare Wattle		R	Shrub
<i>Acacia menzeli</i>	Menzel's Wattle	V	V	Shrub
<i>Acacia pinguifolia</i>	Fat-leaf Wattle	E	E	Shrub
<i>Acacia resinocarpa</i>	Resin Wattle	V	V	Shrub
<i>Adiantum capillus-veneris</i>	Dainty Maiden-hair		V	Fern
<i>Allocasuarina robusta</i>	Mount Compass Oak-bush	E	E	Shrub
<i>Amphibromus pithogastrus</i>	Plump Swamp Wallaby-grass			Grass
<i>Asterolasia muricata</i>	Rough Star-bush		R	Shrub
<i>Austrostipa echinata</i>	Spiny Spear-grass		R	Grass
<i>Austrostipa oligostachya</i>	Fine-head Spear-grass		E	Grass
<i>Boronia parviflora</i>	Swamp Boronia		R	Shrub
<i>Brachyscome diversifolia</i>	Tall Daisy		E	Herb
<i>Caladenia argocalla</i>	White Beauty Spider-orchid	E	E	Orchid
<i>Caladenia behrii</i>	Pink-lip Spider-orchid	E	E	Orchid
<i>Caladenia bicallata</i> ssp. <i>bicallata</i>	Western Daddy-long-legs		R	Orchid
<i>Caladenia colorata</i>	Coloured Spider-orchid	E	E	Orchid
<i>Caladenia gladiolata</i>	Bayonet Spider-orchid	E	E	Orchid
<i>Caladenia ovata</i>	Kangaroo Island Spider-orchid	V	E	Orchid
<i>Caladenia rigida</i>	Stiff White Spider-orchid	E	E	Orchid
<i>Caladenia valida</i>	Robust Spider-orchid		E	Orchid
<i>Caladenia vulgaris</i>	Plain Caladenia		R	Orchid
<i>Caleana major</i>	Large Duck-orchid		V	Orchid
<i>Callistemon teretifolius</i>	Needle Bottlebrush			Shrub
<i>Calochilus campestris</i>	Plains Beard-orchid		R	Orchid
<i>Calochilus cupreus</i>	Copper Beard-orchid		E	Orchid
<i>Calochilus paludosus</i>	Red Beard-orchid		V	Orchid
<i>Centrolepis glabra</i>	Smooth Centrolepis		R	Herb
<i>Correa calycina</i> var. <i>calycina</i>	Hindmarsh Correa	V	V	Shrub
<i>Correa eburnea</i>	Deep Creek Correa		V	Shrub
<i>Corybas dentatus</i>	Finniss Helmet-orchid	V	E	Orchid
<i>Corybas expansus</i>	Dune Helmet-orchid		V	Orchid
<i>Corybas unguiculatus</i>	Small Helmet-orchid		R	Orchid
<i>Crassula sieberiana</i>	Sieber's Crassula		E	Herb
<i>Cryptostylis subulata</i>	Moose Orchid		V	Orchid
<i>Cullen parvum</i>	Small Scurf-pea		V	Herb
<i>Dampiera lanceolata</i> var. <i>intermedia</i>	Aldinga Dampiera		E	Shrub
<i>Daviesia pectinata</i>	Zig-zag Bitter-pea		R	Shrub
<i>Dianella longifolia</i> var. <i>grandis</i>	Pale Flax-lily		R	Lily
<i>Dipodium pardalinum</i>	Leopard Hyacinth-orchid		V	Orchid
<i>Diuris behrii</i>	Behr's Cowslip Orchid		V	Orchid
<i>Diuris brevifolia</i>	Short-leaf Donkey-orchid		E	Orchid
<i>Eleocharis atricha</i>	Tuber Spike-rush		V	Rush
<i>Eremophila gibbifolia</i>	Coccid Emubush		R	Shrub
<i>Eucalyptus cneorifolia</i>	Kangaroo Island Narrow-leaf Mallee			Mallee
<i>Eucalyptus paludicola</i>	Mount Compass Swamp Gum	E	E	Mallee
<i>Eucalyptus phenax</i> ssp. <i>compressa</i>	Kangaroo Island Mallee		R	Mallee
<i>Euphrasia collina</i> ssp. <i>osbornii</i>	Osborn's Eyebright	E	E	Herb
<i>Gahnia radula</i>	Thatch Saw-sedge		R	Sedge
<i>Gastrodia sesamoides</i>	Potato Orchid		R	Orchid
<i>Glycine latrobeana</i>	Clover Glycine	V	V	Herb
<i>Glycine tabacina</i>	Variable Glycine		V	Herb
<i>Gratiola pumilo</i>	Dwarf Brooklime		R	Herb
<i>Haloragis brownii</i>	Swamp Raspwort		R	Herb

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ADELAIDE AND MOUNT LOFTY RANGES
SOUTH AUSTRALIA
 Threatened Species Profile

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Scientific name	Common name	EPBC	NPW	Life form
<i>Haloragis myriocarpa</i>			R	Herb
<i>Helichrysum rutidolepis</i>	Pale Everlasting		E	Herb
<i>Hibbertia tenuis</i>			E	Shrub
<i>Hydrocotyle crassiuscula</i>	Spreading Pennywort		R	Herb
<i>Juncus amabilis</i>			V	Rush
<i>Juncus prismatocarpus</i>	Branching Rush		E	Rush
<i>Juncus radula</i>	Hoary Rush		V	Rush
<i>Lagenophora gracilis</i>	Slender Bottle-daisy		V	Herb
<i>Leionema hillebrandii</i>	Mount Lofty Phebalium		R	Shrub
<i>Logania minor</i>	Spoon-leaf Logania			Shrub
<i>Luzula flaccida</i>	Pale Wood-rush		V	Herb
<i>Lycopodiella lateralis</i>	Slender Clubmoss		R	Clubmoss
<i>Lycopodiella serpentina</i>	Bog Clubmoss		E	Clubmoss
<i>Lycopodium deuterodensum</i>	Bushy Clubmoss		E	Clubmoss
<i>Maireana decalvans</i>	Black Cotton-bush		E	Shrub
<i>Mazus pumilio</i>	Swamp Mazus		V	Herb
<i>Melaleuca squamea</i>	Swamp Honey-myrtle		R	Shrub
<i>Microtis atrata</i>	Yellow Onion-orchid		R	Orchid
<i>Microtis rara</i>	Sweet Onion-orchid		R	Orchid
<i>Montia fontana</i> ssp. <i>chondrosperma</i>	Waterblinks		V	Herb
<i>Neopaxia australasica</i>	White Purslane		R	Herb
<i>Olearia glandulosa</i>	Swamp Daisy-bush		V	Shrub
<i>Olearia pannosa</i> ssp. <i>pannosa</i>	Silver Daisy-bush	V	V	Shrub
<i>Oreomyrrhis eriopoda</i>	Australian Carraway		E	Herb
<i>Orobanche cernua</i> var. <i>australiana</i>	Australian Broomrape		R	Herb
<i>Paracaleana disjuncta</i>	Black-beak Duck-orchid		E	Orchid
<i>Paracaleana minor</i>	Small Duck-orchid		V	Orchid
<i>Phyllanthus striaticaulis</i>	Southern Spurge			Herb
<i>Podolepis muelleri</i>	Button Podolepis		V	Herb
<i>Potamogeton ochreateus</i>	Blunt Pondweed		R	Herb
<i>Prasophyllum australe</i>	Austral Leek-orchid		R	Orchid
<i>Prasophyllum fecundum</i>	Self-pollinating Leek-orchid		R	Orchid
<i>Prasophyllum fitzgeraldii</i>	Fitzgerald's Leek-orchid			Orchid
<i>Prasophyllum murfetii</i>		CE	E	Orchid
<i>Prasophyllum occultans</i>	Hidden Leek-orchid		R	Orchid
<i>Prasophyllum pallidum</i>	Pale Leek-orchid	V	R	Orchid
<i>Prasophyllum pruinatum</i>	Plum Leek-orchid		V	Orchid
<i>Pratia puberula</i>	White-flower Matted Pratia		V	Herb
<i>Prostanthera chlorantha</i>	Green Mintbush		R	Shrub
<i>Prostanthera eurybioides</i>	Monarto Mintbush	E	E	Shrub
<i>Psilotum nudum</i>	Skeleton Fork-fern		E	Fern
<i>Pteris tremula</i>	Tender Brake		R	Fern
<i>Pterostylis arenicola</i>	Sandhill Greenhood	V	V	Orchid
<i>Pterostylis bryophila</i>	Hindmarsh Greenhood	CE	E	Orchid
<i>Pterostylis cucullata</i> ssp. <i>sylvicola</i>	Leafy Greenhood	V	E	Orchid
<i>Pterostylis curta</i>	Blunt Greenhood		R	Orchid
<i>Pterostylis falcata</i>			E	Orchid
<i>Pterostylis</i> sp. Hale (R. Bates 21725)	Hale Greenhood	E		Orchid
<i>Pterostylis uliginosa</i>			E	Orchid
<i>Pultenaea dentata</i>	Clustered Bush-pea		R	Shrub
<i>Pultenaea viscidula</i>	Dark Bush-pea			Shrub
<i>Ranunculus inundatus</i>	River Buttercup		R	Herb
<i>Ranunculus papulentus</i>	Large River Buttercup		V	Herb
<i>Schizaea bifida</i>	Forked Comb-fern		V	Fern
<i>Schizaea fistulosa</i>	Narrow Comb-fern		V	Fern

Further information:

Biodiversity Conservation Unit, Adelaide Region
 Phone: (61 8) 8336 0901 Fax: (61 8) 8336 0999

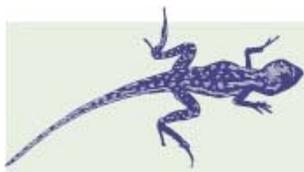
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ADELAIDE AND MOUNT LOFTY RANGES SOUTH AUSTRALIA

Threatened Species Profile

Department
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and Heritage

Scientific name	Common name	EPBC	NPW	Life form
<i>Schoenus discifer</i>	Tiny Bog-rush		R	Rush
<i>Schoenus latelaminatus</i>	Medusa Bog-rush		V	Rush
<i>Senecio megaglossus</i>	Large-flower Groundsel	V	E	Shrub
<i>Spiranthes australis</i>	Austral Lady's Tresses		R	Orchid
<i>Spyridium coactillifolium</i>	Butterfly Spyridium	V	V	Shrub
<i>Tecticornia flabelliformis</i>	Bead Samphire	V	V	Shrub
<i>Thelymitra circumsepta</i>	Naked Sun-orchid		E	Orchid
<i>Thelymitra cyanapicata</i>	Blue Top Sun-orchid	CE	E	Orchid
<i>Thelymitra cyanea</i>	Veined Sun-orchid		E	Orchid
<i>Thelymitra holmesii</i>	Blue Star Sun-orchid		V	Orchid
<i>Thelymitra inflata</i>	Plum Sun-orchid		V	Orchid
<i>Thelymitra mucida</i>			R	Orchid
<i>Thelymitra peniculata</i>	Peniculate Sun-orchid		V	Orchid
<i>Todea barbara</i>	King Fern		E	Fern
<i>Tricostularia pauciflora</i>	Needle Bog-rush		E	Rush
<i>Trymalium wayi</i>	Grey Trymalium			Shrub
<i>Utricularia lateriflora</i>	Small Bladderwort		V	Herb
<i>Veronica derwentiana</i> ssp. <i>anisodonta</i>	Kangaroo Island Speedwell		R	Shrub
<i>Veronica derwentiana</i> ssp. <i>homalodonta</i>	Mt Lofty Speedwell		E	Shrub
<i>Viola betonicifolia</i> ssp. <i>betonicifolia</i>	Showy Violet		E	Herb
<i>Wurmbea uniflora</i>	One-flower Nancy		E	Lily
<i>Xyris operculata</i>	Tall Yellow-eye		R	Herb

List of threatened fauna profiles

Common name	Scientific name	EPBC	NPW	Class
Brown Toadlet	<i>Pseudophryne bibronii</i>		R	Amphibian
Australasian Bittern	<i>Botaurus poiciloptilus</i>		V	Bird
Baillon's Crake	<i>Porzana pusilla</i>			Bird
Bassian Thrush	<i>Zoothera lunulata halmaturina</i>		R	Bird
Beautiful Firetail	<i>Stagonopleura bella</i>		R	Bird
Black-chinned Honeyeater	<i>Melithreptus gularis gularis</i>		V	Bird
Brown Quail	<i>Coturnix ypsilophora</i>		V	Bird
Brown Treecreeper	<i>Climacteris picumnus</i>			Bird
Brown-headed Honeyeater	<i>Melithreptus brevirostris pallidiceps</i>			Bird
Brush Bronzewing	<i>Phaps elegans</i>			Bird
Buff-banded Rail	<i>Gallirallus philippensis</i>			Bird
Chestnut-rumped Heathwren (MLR ssp.)	<i>Hylacola pyrrhopygia parkeri</i>	E	E	Bird
Chestnut-rumped Thornbill	<i>Acanthiza uropygialis</i>			Bird
Crested Shrike-tit	<i>Falcunculus frontatus frontatus</i>		R	Bird
Diamond Firetail	<i>Stagonopleura guttata</i>		V	Bird
Fairy Martin	<i>Petrochelidon ariel</i>			Bird
Fan-tailed Cuckoo	<i>Cacomantis flabelliformis</i>			Bird
Hooded Robin	<i>Melanodryas cucullata cucullata</i>		R	Bird
Horsfield's Bronze-cuckoo	<i>Chalcites basalis</i>			Bird
Jacky Winter	<i>Microeca fascinans fascinans</i>		R	Bird
Lewin's Rail	<i>Lewinia pectoralis pectoralis</i>		V	Bird
Little Wattlebird	<i>Anthochaera chrysoptera</i>			Bird
Orange-bellied Parrot	<i>Neophema chrysogaster</i>	CE	E	Bird
Painted Button-quail	<i>Turnix varia</i>		R	Bird
Pallid Cuckoo	<i>Cacomantis pallidus</i>			Bird
Peregrine Falcon	<i>Falco peregrinus</i>		R	Bird
Red-capped Robin	<i>Petroica goodenovii</i>			Bird
Red-rumped Parrot	<i>Psephotus haematonotus</i>			Bird

Further information:

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ADELAIDE AND MOUNT LOFTY RANGES
SOUTH AUSTRALIA
 Threatened Species Profile

Department
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Common name	Scientific name	EPBC	NPW	Class
Restless Flycatcher	<i>Myiagra inquieta</i>		R	Bird
Rufous Whistler	<i>Pachycephala rufiventris rufiventris</i>			Bird
Sacred Kingfisher	<i>Todiramphus sanctus</i>			Bird
Scarlet Robin	<i>Petroica boodang boodang</i>		R	Bird
Shining Bronze-Cuckoo	<i>Chalcites lucidus</i>			Bird
Slender-billed Thornbill (SVG ssp.)	<i>Acanthiza iredalei rosinae</i>		V	Bird
Southern Emu-wren (MLR ssp.)	<i>Stipiturus malachurus intermedius</i>	E	E	Bird
Southern Whiteface	<i>Aphelocephala leucopsis leucopsis</i>			Bird
Spotless Crake	<i>Porzana tabuensis</i>		R	Bird
Spotted Quail-thrush	<i>Cincoloma punctatum anachoreta</i>	CE	E	Bird
Tawny Frogmouth	<i>Podargus strigoides</i>			Bird
Tawny-crowned Honeyeater	<i>Glyciphila melanops</i>			Bird
Tree Martin	<i>Petrochelidon nigricans</i>			Bird
Varied Sittella	<i>Daphoenositta chrysoptera chrysoptera</i>			Bird
Whistling Kite	<i>Haliastur sphenurus</i>			Bird
White-browed Babbler	<i>Pomatostomus superciliosus</i>			Bird
White-fronted Chat	<i>Epthianura albifrons</i>			Bird
White-naped Honeyeater	<i>Meliphreptus lunatus lunatus</i>			Bird
White-winged Chough	<i>Corcorax melanorhamphos</i>		R	Bird
Yellow Thornbill	<i>Acanthiza nana</i>			Bird
Yellow-rumped Thornbill	<i>Acanthiza chrysorrhoa</i>			Bird
Yellow-tailed Black-Cockatoo	<i>Calyptorhynchus funereus</i>		V	Bird
Zebra Finch	<i>Taeniopygia guttata</i>			Bird
Climbing galaxias	<i>Galaxias brevipinnis</i>			Fish
Congolli	<i>Pseudaphritis urvillii</i>			Fish
Mountain galaxias	<i>Galaxias olidus</i>			Fish
Murray hardyhead	<i>Craterocephalus fluviatilis</i>	V		Fish
Pouched lamprey	<i>Geotria australis</i>			Fish
River blackfish	<i>Gadopsis marmoratus</i>			Fish
Short-headed lamprey	<i>Mordacia mordax</i>			Fish
Southern pygmy perch	<i>Nannoperca australis</i>			Fish
Yarra pygmy perch	<i>Nannoperca obscura</i>	V		Fish
Southern Brown Bandicoot	<i>Isoodon obesulus obesulus</i>	E	V	Mammal
Western Pygmy-possum	<i>Cercartetus concinnus</i>			Mammal
Carpet Python	<i>Morelia spilota variegata</i>		R	Reptile
Cunningham's Skink	<i>Egernia cunninghami</i>		E	Reptile
Eastern Water Skink	<i>Eulamprus quoyii</i>			Reptile
Five-lined Earless Dragon	<i>Tympanocryptis lineata lineata</i>			Reptile
Flinders Ranges Worm-lizard	<i>Aprasia pseudopulchella</i>	V		Reptile
Heath Goanna	<i>Varanus rosenbergi</i>		V	Reptile
Olive Snake-lizard	<i>Delma inornata</i>			Reptile
Pygmy Copperhead	<i>Austrelaps labialis</i>			Reptile
Southern Grass Skink	<i>Pseudemoia entrecasteauxii</i>			Reptile
Tiger Snake	<i>Notechis scutatus</i>			Reptile
Yellow-bellied Water Skink	<i>Eulamprus heatwolei</i>		V	Reptile

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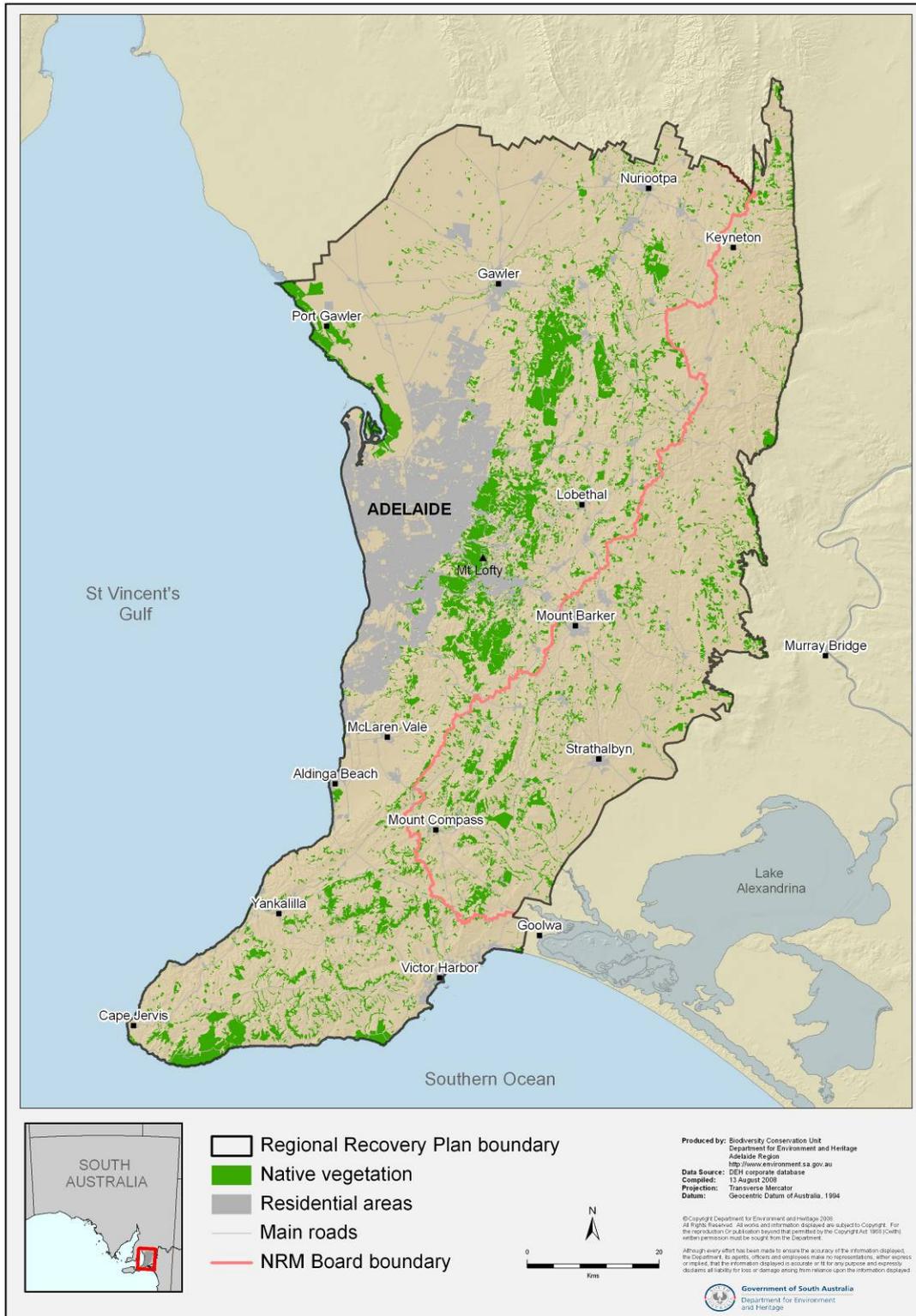


ADELAIDE AND MOUNT LOFTY RANGES SOUTH AUSTRALIA

Threatened Species Profile

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Map of the Adelaide and Mount Lofty Ranges Region



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Acronyms used in Species Profiles

ACT	Australian Capital Territory
AMLR	Adelaide and Mount Lofty Ranges
ANBG	Australian National Botanic Gardens
BVG	Broad Vegetation Group/s
cm	Centimetres
CP	Conservation Park
EA	Eastern (referring to SA herbarium region)
EP	Eyre Peninsula (referring to SA herbarium region)
FR	Flinders Ranges (referring to SA herbarium region)
GT	Gairdner-Torrens (referring to SA herbarium region)
KI	Kangaroo Island
LE	Lake Eyre (referring to SA herbarium region)
m	Metres
MDB	Murray-Darling Basin
MLR	Mount Lofty Ranges
mm	Millimetres
Mt	Mount
MU	Murray (referring to SA herbarium region)
NC	Not current (referring a species' scientific name no longer being current).
NL	Northern Lofty (referring to SA herbarium region)
Nominate	The species or subspecies that has the same name as the genus or species respectively (usually the first form described)
NP	National Park
NSW	New South Wales
NZ	NZ
NT	Northern Territory
NU	Nullarbor (referring to SA herbarium region)
NW	North-Western (referring to SA herbarium region)
QLD	Queensland
RP	Recreation Park
SA	South Australia/ South Australian
SE	South-eastern (referring to SA herbarium region)
SL	Southern Lofty (referring to SA herbarium region)
SMLR	Southern Mount Lofty Ranges
sp.	Any species belonging to a genus
spp.	Species (multiple) belonging to a genus
ssp.	Subspecies
SV	Snout-vent length
TAS	Tasmania/ Tasmanian
VIC	Victoria/ Victorian
WA	Western Australia/ Western Australian
YP	Yorke Peninsula (referring to SA herbarium region)

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