

Threatened Fauna in the Goulburn Broken Catchment

Fauna

All Threatened species data from:

Victorian Department of Sustainability and Environment (2007) *Advisory List of Threatened Vertebrate Fauna in Victoria - 2007*. Department of Sustainability and Environment, East Melbourne, Victoria.

Threat Category ¹	Birds	Mammals	Reptiles	Amphibians	Fish	Total
Regionally Extinct	0	2	0	0	1	3
Critically Endangered	5	2	0	3	3	13
Endangered	13	3	4	2	3	25
Vulnerable	23	4	1	1	2	31
Data Deficient	0	2	2	1	2	7
Near Threatened	25	4	2	0	0	31
Total Threatened	66	17	9	7	11	110
No. of native species in catchment	298	70	72	31	22	493
% native species threatened	22%	24%	13%	23%	50%	22%
No. of introduced species in catchment	13	14	0	0	8	35

Mammals

Regionally Extinct

Common Name	Scientific name	EPBC	FFG
Rufous Bettong	<i>Aepyprymnus rufescens</i>		L
Rufous-bellied Pademelon	<i>Thylogale billardierii</i>		L

Critically Endangered

Mountain Pygmy Possum	<i>Burramys parvus</i>	EN	L
Smoky Mouse	<i>Pseudomys fumeus</i>	EN	L

Endangered

Leadbeater's Possum	<i>Gymnobelideus leadbeateri</i>	EN	L
Spot-tailed Quoll	<i>Dasyurus maculatus maculatus</i>	EN	L
Squirrel Glider	<i>Petaurus norfolcensis</i>		L

Vulnerable

Brush-tailed Phascogale	<i>Phascogale tapoatafa tapoatafa</i>		L
Common Dunnart	<i>Sminthopsis murina murina</i>		
Eastern Horseshoe Bat	<i>Rhinolophus megaphyllus megaphyllus</i>		L
Grey-headed Flying-fox	<i>Pteropus poliocephalus</i>	VU	L

Data Deficient

Broad-toothed Rat	<i>Mastacomys fuscus mordicus</i>
Dingo	

Near Threatened

Eastern Pygmy Possum	<i>Cercartetus nanus</i>	I
Fat-tailed Dunnart	<i>Sminthopsis crassicaudata</i>	
Southern Myotis	<i>Myotis macropus</i>	
White-footed Dunnart	<i>Sminthopsis leucopus</i>	L

Birds**Critically Endangered**

Common Name	Scientific name	EPBC	FFG
Australian Bustard	<i>Ardeotis australis</i>		L
Australian Painted Snipe	<i>Rostratula australis</i>	VU	L
Helmeted Honeyeater	<i>Lichenostomus melanops cassidix</i>	EN	L
Intermediate Egret	<i>Ardea intermedia</i>		L
Regent Honeyeater	<i>Xanthomyza phrygia</i>	EN	L

Endangered

Australasian Bittern	<i>Botaurus poiciloptilus</i>		L
Barking Owl	<i>Ninox connivens connivens</i>		L
Blue-billed Duck	<i>Oxyura australis</i>		L
Bush Stone-curlew	<i>Burhinus grallarius</i>		L
Freckled Duck	<i>Stictonetta naevosa</i>		L
Grey Falcon	<i>Falco hypoleucos</i>		L
Grey-crowned Babbler	<i>Pomatostomus temporalis temporalis</i>		L
Gull-billed Tern	<i>Sterna nilotica macrotarsa</i>		L
Little Bittern	<i>Ixobrychus minutus dubius</i>		L
Little Egret	<i>Egretta garzetta nigripes</i>		L
Masked Owl	<i>Tyto novaehollandiae novaehollandiae</i>		L
Superb Parrot	<i>Polytelis swainsonii</i>	VU	L
Swift Parrot	<i>Lathamus discolor</i>	EN	L

Vulnerable

Australasian Shoveller	<i>Anas rhynchotis</i>		
Baillon's Crake	<i>Porzana pusilla palustris</i>		L
Black Falcon	<i>Falco subniger</i>		
Brolga	<i>Grus rubicunda</i>		L
Chestnut-rumped Heathwren	<i>Hylacola pyrrhopygia</i>		L
Diamond Firetail	<i>Stagonopleura guttata</i>		L
Great Egret	<i>Ardea alba</i>		L
Grey Goshawk	<i>Accipiter novaehollandiae novaehollandiae</i>		L
Ground Cuckoo-shrike	<i>Coracina maxima</i>		L
Hardhead	<i>Aythya australis</i>		
Lewin's Rail	<i>Rallus pectoralis pectoralis</i>		L
Major Mitchell's Cockatoo	<i>Cacatua leadbeateri leadbeateri</i>		L
Musk Duck	<i>Biziura lobata</i>		
Painted Honeyeater	<i>Grantiella picta</i>		L
Powerful Owl	<i>Ninox strenua</i>		L
Red-chested Button-quail	<i>Turnix pyrrhorthorax</i>		L
Regent Parrot	<i>Polytelis anthopeplus monarchoides</i>	VU	L
Royal Spoonbill	<i>Platalea regia</i>		
Sooty Owl	<i>Tyto tenebricosa tenebricosa</i>		L
Speckled Warbler	<i>Chthonicola sagittata</i>		L
Square-tailed Kite	<i>Lophoictinia isura</i>		L
White-bellied Sea-Eagle	<i>Haliaeetus leucogaster</i>		L
Wood Sandpiper	<i>Tringa glareola</i>		

Near Threatened

Australian Pratincole	<i>Stiltia isabella</i>
Azure Kingfisher	<i>Alcedo azurea</i>
Black-chinned Honeyeater	<i>Meliphreptus gularis gularis</i>
Black-eared Cuckoo	<i>Chrysococcyx osculans</i>
Brown Quail	<i>Coturnix ypsilophora australis</i>

Brown Treecreeper (south-eastern subspecies)	<i>Climacteris picumnus victoriae</i>		
Cape Barren Goose	<i>Cereopsis novaehollandiae</i>		
Caspian Tern	<i>Sterna caspia</i>		L
Crested Bellbird	<i>Oreoica gutturalis gutturalis</i>		L
Diamond Dove	<i>Geopelia cuneata</i>		L
Glossy Ibis	<i>Plegadis falcinellus</i>		
Hooded Robin	<i>Melanodryas cucullata cucullata</i>		L
Latham's Snipe	<i>Gallinago hardwickii</i>		
Little Button Quail	<i>Turnix velox</i>		
Long-toed Stint	<i>Calidris subminuta</i>		
Magpie Goose (reintroduced)	<i>Anseranas semipalmata</i>		L
Nankeen Night Heron	<i>Nycticorax caledonicus hillii</i>		
Pacific Golden Plover	<i>Pluvialis fulva</i>		
Pectoral Sandpiper	<i>Calidris melanotos</i>		
Pied Cormorant	<i>Phalacrocorax varius</i>		
Red-backed Kingfisher	<i>Todiramphus pyrropygia</i>		
Spotted Harrier	<i>Circus assimilus</i>		
Spotted Quail-thrush	<i>Cinlosoma punctatum</i>		
Turquoise Parrot	<i>Neophema pulchella</i> L		
Whiskered Tern	<i>Chlidonias hybridus javanicus</i>		
White-fronted Tern	<i>Sterna striata</i>		
White-winged Black Tern	<i>Chlidonias leucopterus</i>		

Reptiles

Endangered

Common Name	Scientific name	EPBC	FFG
Alpine Bog Skink	<i>Pseudemoia cryodroma</i>		L
Broad-shelled Turtle	<i>Macrochelodina expansa</i>		L
Carpet Python	<i>Morelia spilota metcalfei</i>		L
Striped Legless Lizard	<i>Delma impar</i>	VU	L

Vulnerable

Lace Monitor	<i>Varanus varius</i>		
--------------	-----------------------	--	--

Data Deficient

Bearded Dragon	<i>Pogona barbata</i>		
Murray River Tortoise	<i>Emydura macquarii</i>		

Near Threatened

Glossy Grass Skink	<i>Pseudemoia rawlinsoni</i>		
Woodland Blind Snake	<i>Ramphotyphlops proximus</i>		

Amphibians

Critically Endangered

Common Name	Scientific name	EPBC	FFG
Alpine Tree Frog	<i>Litoria verreauxii alpina</i>	VU	L
Giant Bullfrog	<i>Limnodynastes interioris</i>		L
Spotted Tree Frog	<i>Litoria spenceri</i>	EN	L

Endangered

Brown Toadlet	<i>Pseudophryne bibronii</i>		L
Growling Grass Frog	<i>Litoria raniformis</i>	VU	L

Vulnerable

Southern Toadlet	<i>Pseudophryne semimarmorata</i>		
------------------	-----------------------------------	--	--

Data Deficient

Dendy's Toadlet	<i>Pseudophryne dendyi</i>		
-----------------	----------------------------	--	--

Fishes

Regionally Extinct

Common Name	Scientific name	EPBC	FFG
Southern Purple-spotted	Gudgeon <i>Mogurnda adspersa</i>		L

Critically Endangered

Barred Galaxias	<i>Galaxias fuscus</i>	EN	L
Silver Perch	<i>Bidyanus bidyanus</i>		L
Trout Cod	<i>Maccullochella macquariensis</i>	EN	L

Endangered

Freshwater Catfish	<i>Tandanus tandanus</i>		L
Macquarie Perch	<i>Macquaria australasica</i>	EN	L
Murray Cod	<i>Maccullochella peelii peelii</i>	VU	L

Vulnerable

Flat-headed Galaxias	<i>Galaxias rostratus</i>		I
Golden Perch (natural populations)	<i>Macquaria ambigua</i>		I

Data Deficient

Crimson-spotted Rainbowfish	<i>Melanotaenia fluviatilis</i>		L
Unspecked Hardyhead	<i>Craterocephalus stercusmuscarum fulvus</i>		L

Conservation Status in Victoria - Fauna

Extinct (EX)

A taxon is Extinct when there is no reasonable doubt that the last individual has died. A taxon is presumed Extinct when exhaustive surveys in known and/or expected habitat, at appropriate times (diurnal, seasonal, annual), throughout its historic range have failed to record an individual. Surveys should be over a time frame appropriate to the taxon's life cycle and life form.

Regionally Extinct (RX)

As for Extinct but within a defined region (in this case the State of Victoria) that does not encompass the entire geographic range of the taxon. A taxon is presumed Regionally Extinct when exhaustive surveys in known and/or expected habitat, at appropriate times (diurnal, seasonal, annual), throughout the region have failed to record an individual. Surveys should be over a time frame appropriate to the taxon's life cycle and life form.

Extinct in the Wild (WX)

A taxon is Extinct in the Wild when it is known only to survive in cultivation, in captivity or as a naturalized population (or populations) well outside the past range. A taxon is presumed Extinct in the Wild when exhaustive surveys in known and/or expected habitat, at appropriate times (diurnal, seasonal, annual), throughout its historic range have failed to record an individual. Surveys should be over a timeframe appropriate to the taxon's life cycle and life form.

Critically Endangered (CR)

A taxon is Critically Endangered when the best available evidence indicates that it meets any of the criteria A to E for Critically Endangered (see Species Survival Commission 2001), and it is therefore considered to be facing an extremely high risk of extinction in the wild.

Endangered (EN)

A taxon is Endangered when the best available evidence indicates that it meets any of the criteria A to E for Endangered (see Species Survival Commission 2001), and it is therefore considered to be facing a very high risk of extinction in the wild.

Vulnerable (VU)

A taxon is Vulnerable when the best available evidence indicates that it meets any of the criteria A to E for Vulnerable (see Species Survival Commission 2001), and it is therefore considered to be facing a high risk of extinction in the wild.

Near Threatened (NT)

A taxon is Near Threatened when it has been evaluated against the criteria but does not qualify for Critically Endangered, Endangered or Vulnerable now, but is close to qualifying for or is likely to qualify for a threatened category in the near future.

Data Deficient (DD)

A taxon is Data Deficient when there is inadequate information to make a direct, or indirect, assessment of its risk of extinction based on its distribution and/or population status. A taxon in this category may be well studied, and its biology well known, but appropriate data on abundance and/or distribution are lacking. Data Deficient is therefore not a category of threat. Listing of taxa in this category indicates that more information is required and acknowledges the possibility that future research will show that threatened classification is appropriate.

Conservation Status in Australia (EPBC)

National conservation status is based on the Environment Protection and Biodiversity Conservation Act 1999 (EPBC Act) list of taxa considered threatened in Australia. In some instances the scientific and/or the common names of animals may have changed since the taxon was first listed under the EPBC Act. In such instances the EPBC Act status has been applied to the circumscription intended at the time of listing under the Act. This information is accurate as at January 2007. For further information regarding the EPBC Act and, in particular, for the most up-to-date listings under the Act, refer to the following web site: <http://www.environment.gov.au/epbc/>

The categories are as follows:

Extinct (EX)

A taxon is extinct when there is no reasonable doubt that the last individual of the taxon has died.

Critically Endangered (CR)

A taxon is critically endangered when it is facing an extremely high risk of extinction in the wild in the immediate future.

Endangered (EN)

A taxon is endangered when it is not critically endangered but is facing a very high risk of extinction in the wild in the near future.

Vulnerable (VU)

A taxon is vulnerable when it is not critically endangered or endangered but is facing a high risk of extinction in the wild in the medium-term future.

Conservation Dependent (CD)

A taxon is conservation dependent when it is the focus of a specific conservation program, the cessation of which would result in the taxon becoming vulnerable, endangered or critically endangered within a period of five years

Status under the Flora and Fauna Guarantee Act 1988 (FFG)

This column provides information on the listing status under the provisions of Part 3 of the Flora and Fauna Guarantee Act 1988. A taxon may be listed as threatened if it has been nominated, assessed by the Scientific Advisory Committee and approved by the Minister for Environment and Conservation. Any person may make a nomination for listing. This information is accurate as at January 2007. For the most up-to-date listings under the Act, refer to the following web site: <http://www.dse.vic.gov.au>

Listed (L)

Listed as threatened

Nominated (N)

Nominated for listing as threatened but has not yet completed the listing process. In some cases, the taxon may have received a preliminary or final recommendation indicating that it is eligible or ineligible for listing. In other cases, the nomination might not yet have been considered.

Invalid or ineligible (I)

Nominated but rejected for listing as threatened on the basis that the taxon was considered to be invalid (either undescribed or not widely accepted) or ineligible (taxon does not satisfy any of the primary listing criteria).

Delisted (D)

Previously listed as threatened but subsequently removed from the Threatened List following nomination for delisting.