

APPENDIX XX THREATENED ANIMAL SPECIES LIST FOR BANKS PENINSULA

Invertebrates

This table lists the species that are known to occur (or to have occurred recently) on Banks Peninsula and which appear in either the national listings of Threatened Species (Hitchmough et al 2007) or from Pawson and Emberson's report (2000) on conservation status of threatened species from major invertebrate groups in Canterbury. Details of habitat requirements and reported locations on the Banks Peninsula are provided here for guidance only and are taken from Pawson and Emberson 2000.

It is difficult to classify the threat status for invertebrates in New Zealand because of the lack of detailed information about most species. Information is generally drawn from investigations carried out by a small number of people at a limited number of locations; many of these are historical and have not been revisited recently. Some invertebrate groups, for which there was limited data, were omitted by Pawson and Emberson.

Common Name	Scientific Name	Habitat / distribution (from Pawson and Emberson 2000)	Hitchmough Threat Classification ⁷⁹	Pawson & Emberson Threat Category ⁸⁰
Nemertine worm	<i>Antiponemertes allisonae</i>		Nationally critical	Not listed
Aphid	<i>Aphis cottieri</i>	<i>Muehlenbeckia australis</i> , <i>M. complexa</i> . Kaitorete Spit.	Not listed	A
Moth	<i>Asaphodes obarata</i>	Damp forest margins; widespread but rare including Akaroa.	Not listed	B
Blue Penguin Lice	<i>Austragoniodes waterstoni</i>		Nationally endangered	I
Scale	<i>Crystallotesta fuscus</i> (Maskell)	Okuti Valley Scenic Reserve – other locations probably lost.	Not listed	B
Snail	<i>Dellopsis "peninsularis"</i>		Range restricted	Not listed

⁷⁹ Hitchmough, R.; Bull, L.; Cromarty, P. (comps) 2007: New Zealand Threat Classification System lists—2005. Department of Conservation, Wellington. 194 p.

⁸⁰ Pawson, S. and Emberson, R. (2000) The conservation status of invertebrates in Canterbury. Conservation Advisory Science Notes: 320. New Zealand Department of Conservation

Common Name	Scientific Name	Habitat / distribution (from Pawson and Emberson 2000)	Hitchmough Threat Classification	Pawson & Emberson Threat Category
Moth	<i>Gadira petraula</i>	Lichen/moss covered volcanic rocks Port Hills around Lyttelton	Sparse	A
Moth	<i>Glyphipterix euastera</i>	Short tussock grassland; Kaitorete Spit, Hinewai.	Sparse	B
Weevil	<i>Hadramphus tuberculatus</i>	<i>Aciphylla</i> spp (Wild Spaniards); historical records only.	Nationally critical	X
Weta (Ground weta)	Hemiandrus 'horomaka' '		Range restricted	B
Weta (Banks Peninsula tree weta)	<i>Hemideina ricta</i>	Totara/broadleaf forest, kanuka; 200 km ² area north and east of Akaroa.	Range restricted	B
Moth	<i>Heterocrossa maculosa</i>	<i>Hoheria angustifolia</i> , <i>Plagianthus regius</i> . Coopers Knob.	Sparse	A
Moth	<i>Kiwaia 'plains jumper'</i>	<i>Raoulia</i> spp, mosses etc; Kaitorete Spit	Serious decline	A
Moth	<i>Kiwaia jeanae</i>	<i>Raoulia</i> sp; Kaitorete Spit	Nationally Endangered	B
Moth	<i>Kupea electilis</i>	<i>Raoulia</i> sp; Kaitorete Spit	Serious decline	A
Snail	<i>Laoma "Peraki"</i>		Range restricted	Not listed
Spider (Katipo spider)	<i>Latrodectus katipo</i>		Serious decline	Not listed
Ground beetle	<i>Mecodema howitti</i> Castelnau, 1867	Remnant bush patches'. Found only on Banks Peninsula	Range restricted	B

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Blepharocerid Fly	<i>Neocurupira chiltoni</i>		Range restricted	Not listed
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Spider	<i>Periegops suterii</i>	A few forest patches; one of the rarest spiders in NZ	Sparse	A
Snail	<i>Powellaoma "peninsularis"</i>		Range restricted	Not listed
Snail	<i>Rotadiscus insularis (Climo)</i>		Range restricted	Not listed
Moth	<i>Samana acutata</i>	<i>Carmichaelia</i> spp (native brooms); near Lake Ellesmere, Kaitorete Spit.	Sparse	B
Moth	<i>Scythris 'Stripe'</i>	Possibly on <i>Carmichaelia</i> spp (native brooms); Kaitorete Spit. Very rare.	Nationally critical	A
Cave weta	<i>Talitropsis crassicurvis</i>		Range restricted (dubious record)	Not listed
Snail	<i>Therasia sp.</i>		Range restricted	Not listed

Category A: Species thought to be most endangered and threatened with extinction in the short-term. Most are only known from one, or a very few, isolated populations.

Category B: Species apparently threatened to a lesser extent, extinction possible in the longer term. Less threatened than category A species, but still of concern

Category I: Species where insufficient information was available from literature, entomologists and collections to make an informed decision regarding their conservation status.

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Category L: Species locally threatened, but with substantial populations outside the Canterbury Conservancy.

Category X: Species that have not been seen in the over 50 years, and are presumed to be extinct.

Birds

Common Name	Scientific name	Threat Status
Australian Bittern	<i>Botaurus poiciloptilus</i>	Nationally endangered
Banded Dotterel	<i>Charadrius bicinctus</i>	Gradual decline
Black -fronted tern	<i>Sterna albobriata</i>	Nationally endangered
Black Shag	<i>Phalacrocorax carbo novaeseelandiae</i>	Sparse
Black-billed gull	<i>Larus bulleri</i>	Serious decline
Caspian tern	<i>Sterna caspia</i>	Nationally vulnerable
Grey Duck	<i>Anas superciliosa superciliosa</i>	Nationally endangered
Little black shag	<i>Phalacrocorax sulcirostris</i>	Range restricted
New Zealand Falcon	<i>Falco novaeseelandiae</i>	Nationally endangered
New Zealand Pigeon/kereru	<i>Hemiphaga Novaeseelandiae</i>	Gradual decline
Northern giant petrel	<i>Macronectes halli</i>	Range restricted
Red-billed gull	<i>Larus novaehollandiae scopulinus</i>	Gradual decline
Sooty Shearwater	<i>Puffinus griseus</i>	Gradual decline
Southern crested grebe	<i>Podiceps cristatus australis</i>	Nationally endangered
White heron	<i>Egretta alba modesta</i>	Nationally critical
White-flipped penguin	<i>Eudyptula minor albosignata</i>	Nationally vulnerable
White-fronted tern	<i>Sterna striata striata</i>	Gradual decline
Wrybill/ngutu-pare	<i>Anarhynchus frontalis</i>	Nationally vulnerable
Yellow eyed penguin/Hoiho	<i>Megadyptes antipodes</i>	Nationally vulnerable

Lizards

Canterbury gecko (*Hoplodactylus aff. maculatus* "Canterbury") - gradual decline

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Jewelled gecko (*Naultinus gemmeus*) – gradual decline

Spotted skink – (*Oligosoma lineocellatum*) – gradual decline (note: further DNA research may show that the Banks Peninsula skinks are a separate, more localised group, in which case the threat status is “nationally endangered”)