





# Appendix 6

## List of threatened and unusual plant and animal species

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### Plan modification annotations

-   indicates where content is affected by proposed plan modification x. refer to plan modification folder or website for details.
-   indicates where the content is part of plan modification x, which is subject to appeal.
- Underlined content to be inserted.
- ~~Struck through~~ content to be deleted.



## 1.0 Introduction

This appendix contains lists of threatened plant and animal species thought to be on the islands as at June 2006. The lists also include plant and animals species that are not threatened, but which are of particular importance or interest.

Species have been classified by their risk of extinction in order of most threatened to least threatened as follows:

- 1 - nationally critical
- 2 - nationally endangered
- 3 - nationally vulnerable
- 4 - serious decline
- 5 - gradual decline
- 6 - range restricted (ie restricted to a small geographic area)
- 7 - sparse (very small, widely scattered populations).

Data deficient means that so little is known of the species that its risk cannot be assessed.

The habitats of the plant and animal species listed in this appendix are protected by [rule 10c.5.1.2](#) of the Plan.

### References

For plants, the threat status listed is in the context of the Auckland region, as given by R Stanley, P de Lange, and E Cameron in their 2005 article entitled 'Auckland regional threatened and uncommon vascular plants list' (*Auckland Botanical Society Journal* 60: 152-157). The threat status of the animals and of the two plant species that are threatened nationally but not within the Auckland region is the most recent national ranking from the Department of Conservation. These rankings are listed in a 2006 publication by R Hitchmough and L Bull entitled 'New Zealand threat classification system lists' (*DOC Threatened Species Occasional Publication in press*). Both publications used the classifications defined by Molloy *et al* in their 2002 publication 'Classifying species according to threat of extinction. A system for New Zealand' (*DOC Threatened Species Occasional Publication* 22).

## 2.0 Threatened and unusual plant species

Scientific name	Common name	Threat status
<b>Trees and shrubs</b>		
<i>Archeria racemosa</i>		range restricted
<i>Brachyglottis kirkii</i> var. <i>kirkii</i>	Kirk's tree daisy, kohurangi	serious decline
<i>Colensoa physaloides</i>	Koru	regionally critical
<i>Coprosma acerosa</i>	Sand coprosma	serious decline
<i>Coprosma tenuicaulis</i>	Thin-stemmed or swamp coprosma	data deficient
<i>Dracophyllum traversii</i>		range restricted
<i>Epacris sinclairii</i>		regionally critical
<i>Griselinia littoralis</i>	Kapuka, papauma, broadleaf	range restricted
<i>Halocarpus kirkii</i>	Kirk's pine	range restricted
<i>Hebe pubescens</i> subsp. <i>pubescens</i>		regionally critical
<i>Kunzea sinclairii</i>	Great Barrier kanuka	range restricted
<i>Lepidothamnus intermedius</i>	Yellow-silver pine	range restricted
<i>Libocedrus plumosa</i>	Kawaka, New Zealand cedar	sparse
<i>Melicytus novae-zelandiae</i>	Coastal mahoe	not threatened, mostly limited to rat-free islands
<i>Metrosideros albiflora</i>	White rata	data deficient
<i>Metrosideros umbellata</i>	Southern rata	range restricted
<i>Mida salicifolia</i>	Willow-leaved maire, maire taiki	nationally declining
<i>Myoporum laetum</i>	Ngaio	gradual decline
<i>Nestegis apetala</i>		regionally endangered
<i>Nestegis montana</i>	Narrow-leaved maire, orooro	sparse
<i>Olearia allomii</i>	Great Barrier tree daisy	range restricted
<i>Pennantia corymbosa</i>	Kaikomako	sparse
<i>Pimelea longifolia</i>		regionally endangered
<i>Pimelea tomentosa</i>	Native daphne	regionally endangered
<i>Pisonia brunoniana</i>	Parapara, bird-catcher tree	regionally endangered
<i>Pittosporum huttonianum</i>		range restricted
<i>Pittosporum virgatum</i>		range restricted
<i>Pomaderris hamiltonii</i>	Pale-flowered kumerahou	sparse
<i>Pomaderris rugosa</i>		sparse
<i>Pouteria costata</i>	Tawapou	gradual decline
<i>Pseudopanax discolour</i>		range restricted
<i>Pseudowintera colorata</i>		sparse
<i>Raukaua anomalus</i>		range restricted

Scientific name	Common name	Threat status
<i>Sophora microphylla</i>	Kowhai	sparse
<i>Streblus banksii</i>	Large-leaved milk tree, turepo	regionally critical
<i>Syzygium maire</i>	Maire tawake, swamp maire	gradual decline
<b>Climbing and scrambling plants</b>		
<i>Fuchsia procumbens</i>	Creeping fuchsia	range restricted
<i>Ipomoea cairica</i>		range restricted
<i>Metrosideros carminea</i>	Carmine rata, akakura	sparse
<i>Sicyos aff. australis (a)</i>	Mawhai, native cucumber	regionally endangered
<b>Mistletoes</b>		
<i>Ileostylus micranthus</i>	Green mistletoe	regionally critical
<i>Korthalsella salicornioides</i>	Dwarf mistletoe	sparse
<i>Peraxilla tetrapetala</i>	Red mistletoe, pikirangi	range restricted
<b>Ferns, tree ferns and fern allies</b>		
<i>Anogramma leptophylla</i>	Jersey fern, annual fern	regionally critical
<i>Asplenium hookerianum</i>	Hooker's or perching spleenwort	sparse
<i>Blechnum norfolkianum</i>		sparse
<i>Blechnum triangularifolium</i>	Green Bay kiokio	sparse
<i>Dicksonia fibrosa</i>	Wheki-ponga, golden tree fern	sparse
<i>Dicksonia lanata</i>		range restricted
<i>Doodia mollis</i>	Mokimoki	sparse
<i>Doodia squarrosa</i>		sparse
<i>Grammitis aff. Rawlingsii</i>	Strap fern	data deficient
<i>Grammitis billardierei</i>	Strap fern, paretao	range restricted
<i>Hymenophyllum bivalve</i>	Filmy fern	data deficient
<i>Hymenophyllum cupressiforme</i>		sparse
<i>Loxosoma cunninghamii</i>		range restricted
<i>Marattia salicina</i>	King fern, para	gradual decline
<i>Ophioglossum coriaceum</i>		sparse
<i>Ophioglossum petiolatum</i>	Stalked adder's tongue	regionally critical
<i>Pellaea calidirupium</i>		range restricted
<i>Pellaea falcata</i>		regionally critical
<i>Psilotum nudum</i>		sparse
<i>Pteris comans</i>	Coastal brake or netted brake	sparse
<i>Schizaea dichotoma</i>		sparse
<i>Sticherus flabellatus</i>		range restricted

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Scientific name	Common name	Threat status
<i>Tmesipteris sigmatifolia</i>		sparse
<i>Trichomanes strictum</i>		range restricted
<b>Orchids</b>		
<i>Danhatchia australis</i>	Yoania	sparse
<i>Plumatochilos tasmanicum</i>	Greenhood orchid	regionally critical
<i>Spiranthes novae-zealandiae</i>		range restricted
<i>Thelymitra formosa</i>		regionally critical
<b>Rushes and sedges</b>		
<i>Bolboschoenus caldwellii</i>	Puraa grass	regionally critical
<i>Carex fosteri</i>		sparse
<i>Cyperus ustulatus</i> f. <i>grandispiculosus</i>	Giant umbrella sedge, upokotangata	regionally critical
<i>Desmoschoenus spiralis</i>	Pingao, chain rush	serious decline
<i>Eleocharis neozelandica</i>	Sand spike sedge	regionally critical
<i>Fimbristylis velata</i>		regionally critical
<i>Luzula picta</i> var. <i>picta</i>		regionally endangered
<i>Juncus distegis</i>		data deficient
<i>Juncus pauciflorus</i>		regionally endangered
<i>Sparganium subglobosum</i>		regionally endangered
<i>Uncinia clavata</i>	Fish-hooks	range restricted
<b>Grasses</b>		
<i>Amphibromus fluitans</i>	Water brome	regionally critical
<i>Austrofestuca littoralis</i>	Sand tussock, hinarepe	regionally critical
<i>Bromus arenarius</i>		sparse
<i>Cortaderia toetoe</i>	Toetoe	data deficient
<i>Dichelachne inaequiglumis</i>	Short-hair plume grass	data deficient
<i>Elymus multiflorus</i>		gradual decline
<i>Microlaena polynoda</i>		sparse
<i>Oplismenus hirtellus</i> subsp. <i>Hirtellus</i>		data deficient
<i>Poa imbecilla</i>	Weak poa	range restricted
<i>Zoysia minima</i>		gradual decline
<b>Herbaceous plants</b>		
<i>Astelia</i> aff. <i>nervosa</i>	Kahakaha	regionally critical
<i>Arthropodium candidum</i>	Reinga lily	regionally critical
<i>Australina pusilla</i>		regionally critical
<i>Celmisia major</i> var. <i>major</i>		gradual decline

Scientific name	Common name	Threat status
Centipeda minima var. minima	Sneezeweed	regionally critical
Collospermum microspermum		range restricted
Dactylanthus taylorii	Woodrose, pua o te reinga, waewae atua	regionally critical
Daucus glochidiatus	New Zealand carrot, pinaki	regionally critical
Dichondra aff. Brevifolia	Dichondra	range restricted
Drosera peltata		sparse
Einadia triandra	Pigweed	sparse
Epilobium komarovianum	Creeping willowherb	data deficient
Epilobium nerteroides		serious decline
Euphorbia glauca	Shore spurge, waiuatua	regionally critical
Galium propinquum		data deficient
Geranium potentilloides		sparse
Geranium retrorsum s.s.	Matuakumara, turnip-rooted geranium	gradual decline
Geranium solanderi s.s.	Matuakumara, turnip-rooted geranium	gradual decline
Lepidium desvauxii	Bushy peppergrass, narrow-leaved cress	data deficient
Lepidium oleraceum	Cook's scurvy grass, nau	regionally endangered
Leptinella dioica subsp. dioica		regionally critical
Leptinella squalida subsp. squalida		regionally endangered
Linum monogynum var. monogynum	Rauhuia, linen flax	sparse
Mimulus repens	Native musk	regionally endangered
Plantago raoulii	Kopakopa, tukorehu	regionally critical
Pelargonium inodorum		sparse
Ranunculus acaulis	Sand buttercup or shore buttercup	regionally endangered
Ranunculus urvilleanus		serious decline
Rorippa divaricata	New Zealand watercress	regionally critical
Scandia rosifolia		serious decline
Scleranthus biflorus	Kohukohu, twin-flower knawel	regionally endangered
Senecio biserratus	Fireweed	serious decline
Senecio marotiri	Fireweed	range restricted
Senecio quadridentatus	Pahohoraka, cotton fireweed	sparse

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Scientific name	Common name	Threat status
Senecio repangae subsp. pokohinuensis		range restricted
Senecio repangae subsp. repangae		regionally critical
Senecio scaberulus	Fireweed	regionally critical
Tetragonia tetragonioides	New Zealand spinach, kohihi	regionally critical
Wahlenbergia littorcola subsp. vernicosa		Sparse
<b>Aquatic plants</b>		
Potamogeton ochreatus	Blunt pondweed	sparse
Bryophytes		
Plagiochila kermacedensis	Liverwort	nationally critical
Tortella mooreae	Moss	range restricted



### 3.0 Threatened and unusual animal species

Scientific name	Common name	Threat status
<b>Invertebrates</b>		
<i>Arachnocampa luminosa</i>	Glow worm	not threatened
<i>Deinacrida heteracantha</i>	Giant weta	nationally endangered
<i>Geodorcus ithagnis</i>	Mokohinau stag beetle	nationally critical
<i>Mecodema atrox</i>	Ground beetle	sparse
<i>Paranephrops zealandicus</i>	Koura	gradual decline
<i>Peripatus</i> spp.	Velvet worm, ngaokeoke	
<i>Placostylus hongii</i>	Flax snail, pupuharakeke	range restricted
<i>Rhytida dunni</i>	Native land snail	
<b>Freshwater fish</b>		
<i>Anguilla dieffenbachii</i>	Long-finned eel, tuna	gradual decline
<i>Galaxias argenteus</i>	Giant kokopu	gradual decline
<i>Galaxias postvectis</i>	Shortjaw kokopu	sparse
<i>Geotria australis</i>	Lamprey, pihirau	sparse
<b>Frogs and reptiles</b>		
<i>Cyclodina alani</i>	Robust skink	range restricted
<i>Cyclodina 'mokohinau'</i>	Mokohinau skink	range restricted
<i>Cyclodina ornata</i>	Ornate skink	gradual decline
<i>Hoplodactylus duvaucelii</i>	Duvaucel's gecko	sparse
<i>Hoplodactylus pacificus</i>	Pacific gecko	gradual decline
<i>Naultinus e. elegans</i>	Auckland green gecko	gradual decline
<i>Oligosoma homalonotum</i>	Chevron skink	nationally endangered
<i>Oligosoma moco</i>	Moko skink	sparse
<i>Oligosoma smithi</i>	Shore skink	sparse
<i>Oligosoma striatum</i>	Striped skink	data deficient
<i>Oligosoma suteri</i>	Egg-laying skink	range restricted
<i>Leiopelma hochstetteri</i>	Hochstetter's frog	sparse
<i>Shendodon punctatus</i>	Northern tuatara	sparse
<b>Birds</b>		
<i>Acanthisitta chloris granti</i>	Rifleman	gradual decline
<i>Anas chlorotis</i>	Brown teal, pateke	nationally endangered
<i>Apteryx mantelli</i>	North Island brown kiwi	serious decline
<i>Botaurus poiciloptilus</i>	Australasian bittern, matuku	nationally endangered
<i>Bowdleria punctata vealeae</i>	North Island fernbird, matata	sparse
<i>Callaeas cinerea wilsoni</i>	Kokako	nationally endangered

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Scientific name	Common name	Threat status
Charadrius bicinctus bicinctus	Banded dotterel, tuturiwhatu	gradual decline
Charadrius obscurus aquilonius	Northern New Zealand dotterel, tuturiwhatu pukunui	nationally vulnerable
Cyanoramphus novaezelandiae	red-crowned parakeet, kakariki	not threatened (but only found on offshore islands)
Egretta sacra sacra	Reef heron, matuku moana	nationally vulnerable
Eudynamys tatiensis	Long-tailed cuckoo, koekoea	gradual decline
Eudyptula minor iredalei (nest sites)	Northern little blue penguin, korora	gradual decline
Gallirallus australis greyi	North Island weka	nationally endangered
Gallirallus philippensis assimilis	Banded rail, mohu-pereru	sparse
Haematopus unicolor (nest and flock sites)	Variable oystercatcher, torea, torea-pango	not threatened
Hemiphaga novaeseelandiae (nest sites and significant seasonal food sources)	Kereru, New Zealand pigeon	gradual decline
Larus novaehollandiae scopulinus (nest sites)	Red-billed gull, tarapunga	gradual decline
Mohoua albicilla	Whitehead	not threatened
Nestor meridionalis septentrionalis (nest sites and significant seasonal food sources)	North Island kaka	nationally endangered
Pealeornis maorianus (nest sites)	New Zealand storm petrel	[presumed] extinct [rediscovered]
Phalacrocorax carbo novaehollandiae (nest sites)	Black shag, kawau	sparse
Phalacrocorax melanoleucos brevirostris (nest sites)	Little shag, kawaupaka	not threatened
Phalacrocorax sulcirostris (nest sites)	Little black shag	range restricted
Phalacrocorax varius varius (nest sites)	Pied shag, karuhiruhi	not threatened
Philesturnus carunculatus rufusater	Saddleback	range restricted
Porzana pusilla	Marsh crake, koitareke	sparse
Porzana tabuensis plumbea	Spotless crake, puweto	sparse
Procellaria parkinsoni (nest sites)	Black petrel, taiko	range restricted

Scientific name	Common name	Threat status
<i>Pterodroma cookii</i> (nest sites)	Cook's petrel, titi	gradual decline
<i>Sterna caspia</i> (nest and flock sites)	Caspian tern, taranui	nationally vulnerable
<i>Sterna striata striata</i> (nest sites)	White-fronted tern, tara	gradual decline
<i>Stictocarbo punctatus</i> (nest sites)	Spotted shag, parekareka	not threatened
<b>Bats</b>		
<i>Chalinolobus tuberculata</i>	Long-tailed bat, pekapeka	nationally vulnerable
<i>Mystacina tuberculata</i> <i>aupourica</i>	Northern short-tailed bat, pekapeka	nationally endangered