

APPENDIX 10: RARE AND THREATENED SPECIES

10.1 Rare and Threatened Indigenous Animal Species in the Opotiki District

Species	Common name	Classification
<u>Birds</u>		
<i>Callaeas cinerea wilsoni</i>	NI kokako	Nationally endangered
<i>Apteryx mantelli</i>	NI brown kiwi	Serious decline
<i>Falco novaeseelandiae</i> "bush"	Bush falcon	Nationally vulnerable
<i>Charadrius obscurus aquilonius</i>	NZ dotterel	Sparse
<i>Gallirallus australis greyi</i>	NI weka	Nationally endangered
<i>Nestor meridionalis septentrionalis</i>	NI kaka	Nationally endangered
<i>Hymenolaimus malachorhynchus</i>	Blue duck (whio)	Nationally endangered
<i>Cyanoramphus auriceps</i>	Yellow crowned kakariki	Gradual decline
<i>Botaurus poiciloptilus</i>	Australasian bittern	Nationally endangered
<i>Egretta sacra sacra</i>	Reef Heron	Nationally endangered
<i>Anus superciliosa</i>	Grey duck	Serious decline
<i>Larus bulleri</i>	Black billed gull	Gradual decline
<i>Charadrius bicinctus</i>	Banded dotterel	Gradual decline
<i>Eudynamys taitensis</i>	Long tailed cuckoo	Gradual decline
<i>Eudyptula minor iredalei</i>	Northern little blue penguin	Gradual decline
<i>Hemiphaga novaeseelandiae</i>	NZ pigeon	Gradual decline
<i>Bowdleria punctata vealaea</i>	NI fernbird	Sparse
<i>Phalacrocorax carbo novaehollandiae</i>	Black Shag	Sparse
<i>Phalacrocorax sulcirostris</i>	Little black shag	Sparse
<i>Phalacrocorax varius</i>	Pied shag	Sparse
<i>Poliiocephalus rufopectus</i>	NZ dabchick	Sparse
<i>Porzana pusilla affinis</i>	Marsh crane	Sparse
<i>Porzana tabuensis plumbia</i>	Spotless crane	Sparse
<u>Mammals</u>		
<i>Chalinolobus tuberculatus</i>	Long tailed bat	Nationally vulnerable
<i>Mystacina tuberculata rhyacobia</i>	Central short tailed bat	Range restricted
<u>Amphibians</u>		
<i>Leiopelma hochstetteri</i>	Hochstetter's frog	Sparse
<u>Reptiles</u>		
<i>Oligosoma microlepis</i>	Small scale skink	Serious decline
<i>Oligosoma infrapunctatum</i>	Speckled skink	Gradual decline
<i>Oligosoma lineoocellatum</i>	Spotted skink	Gradual decline
<i>Hoplodactylus pacificus</i>	Pacific gecko	Gradual decline
<i>Naultinus punctatus</i>	Wellington green gecko	Gradual decline
<u>Freshwater Fish</u>		
<i>Anguilla dieffenbachii</i>	Longfinned eel	Gradual decline
<i>Galaxias argenteus</i>	Giant kokopu	Gradual decline
<i>Galaxias divergens</i>	Dwarf galaxias	Gradual decline
<i>Galaxias postvectus</i>	Short jawed kokopu	Gradual decline

Reference: "Classifying species according to the threat of extinction" DOC 2000

Key to classifications of threatened categories:

Nationally endangered

Total population size is 1000 mature individuals or less and/or area of occupancy is 1km² or less and/or there are 5 sub-populations or less with 100 or less individuals in the largest subpopulation.

There has been a 60% or greater decline in the total population over the last 50 years and/or 60% or greater loss of habitat in the last 50 years and/or 60% or greater decline predicted in the population in the next 10 years.

Nationally vulnerable

Total population size is 2500 mature individuals or less and/or area of occupancy is 10km² or less and/or there are 10 sub-populations or less with 500 or less individuals in the largest subpopulation.

There has been a 30% or greater decline in the total population over the last 50 years and/or 30% or greater loss of habitat in the last 50 years and/or 30% or greater decline predicted in the population in the next 10 years.

Susceptible categories include Gradual and Serious decline. With these categories:

Total population size is 10,000 mature individuals or less and/or area of occupancy is 100km² or less and/or there are 20 sub-populations or less with 2000 or less individuals in the largest subpopulation.

There has been a 10% or greater decline in the total population over the last 50 years and/or 10% or greater loss of habitat in the last 50 years and/or 10% or greater decline predicted in the population in the next 10 years.

While often still numerically numerous they are in slow decline and can be expected to enter into one of the higher threat classifications in the foreseeable future without conservation action.

Range restricted categories include those taxa classified as Sparse. These taxa have very small, widely scattered populations. They are either naturally sparse or have become sparse as result of human activities.