

Appendix S1: Bird species list

Nomenclature of the birds listed follows the Checklist of the Birds of New Zealand as per the stated authority.

Hemiphaga novaeseelandiae, Kererū, New Zealand Pigeon
Chroicocephalus novaehollandiae scopulinus, Red-billed Gull, Tarāpunga
Sterna striata, White-fronted Tern, Tara (about coasts)
Eudyptula minor minor, New Zealand Little Penguin, Kororā
Pterodroma gouldi, Grey-faced Petrel, Ōi
Puffinus gavia, Fluttering Shearwater, Pakahā (heard on Kuranui)
Morus serrator, Australasian Gannet, Tākapu (about coasts)
Phalacrocorax varius varius, Pied Shag, Kāruhiruhi
Circus approximans, Swamp Harrier, Kāhu
Todiramphus sanctus vagans, New Zealand Kingfisher, Kōtare
Anthornis melanura, Bellbird, Korimako
Prothemadera novaeseelandiae novaeseelandiae, Tūi, Tui
Gerygone igata, Grey Warbler, Riroriro
Rhipidura fuliginosa, New Zealand Fantail, Pīwakawaka
Zosterops lateralis lateralis, Silvereye, Tauhou
Sturnus vulgaris vulgaris, Common Starling, Tāringi (heard on Kuranui)
Turdus merula merula, Eurasian Blackbird, Manu Pango
Prunella modularis, Dunnock (heard on Kuranui)
Fringilla coelebs, Chaffinch, Pahirini

Appendix S2: Vascular plant species list

Nomenclature of the vascular plants listed follows the New Zealand Plant Conservation Network website as per the stated authority.

Scientific name (Scientific name in 1973)	Common name(s)	Islands			
		Kuranui		Waikaia	
		1973	2024	1973	2024
Trees and shrubs					
<i>Brachyglottis repanda</i> (<i>Brachykittus repanda</i> in 1973)	rangiōra			+	+
<i>Coprosma repens</i>	taupata	+	+	+	+
<i>C. macrocarpa</i> subsp. <i>minor</i> (<i>C. robusta</i> in 1973)			+	+	+
<i>Cordyline australis</i>	cabbage tree			+	
<i>Coriaria arborea</i> var. <i>arborea</i> (<i>C. arborea</i> in 1973)	tutu	+			
<i>Corynocarpus laevigatus</i> (<i>C. laevigata</i> in 1973)	karaka				+

Scientific name (Scientific name in 1973)	Common name(s)	Islands			
		Kuranui		Waikaia	
		1973	2024	1973	2024
<i>Didymocheton spectabilis</i> (<i>Dysoxylum spectabile</i> in 1973)	kohekohe				+
<i>Entelea arborescens</i>	whau		+		+
<i>Euonymus japonicus</i> *	Japanese spindleberry				+
<i>Geniostoma ligustrifolium</i> var. <i>ligustrifolium</i> (<i>G. ligustrifolium</i> in 1973)	hangehange	+	+	+	
<i>Hedycarya arborea</i>	porokaiwhiri, pigeonwood		+		
<i>Leptospermum scoparium</i> var. <i>scoparium</i> (<i>L. scoparium</i> in 1973)	mānuka			+	
<i>Leucopogon fasciculatus</i> (<i>Cyathodes fasciculata</i> in 1973)	mingimingi	+	+	+	

Scientific name (Scientific name in 1973)	Common name(s)	Islands			
		Kuranui		Waikaia	
		1973	2024	1973	2024
<i>Ligustrum sinense</i> *	Chinese privet		+		
<i>Melicope ternata</i>	whārangi				+
<i>Melicytus novae-zelandiae</i> subsp. <i>novae-zelandiae</i> (<i>Hymenanthera</i> <i>novaezelandiae</i> in 1973)	coastal māhoe	+	+	+	+
<i>M. ramiflorus</i> subsp. <i>ramiflorus</i> (<i>M. ramiflorus</i> in 1973)	māhoe	+	+	+	+
<i>Metrosideros excelsa</i>	pōhutukawa	+	+	+	+
<i>Myoporum laetum</i>	ngaio		+		
<i>Myrsine australis</i> [#]	red matipo	+	+	+	+
<i>Ozothamnus leptophyllus</i> (<i>Cassinia retorta</i> in 1973)	tauhinu	+	+		
<i>Pinus pinaster</i> * [#]	cluster pine			+	

Scientific name (Scientific name in 1973)	Common name(s)	Islands			
		Kuranui		Waikaia	
		1973	2024	1973	2024
<i>Piper excelsum</i> (<i>Macropiper excelsum</i> in 1973)	kawakawa	+	+	+	+
<i>Pittosporum crassifolium</i>	karo			+	+
<i>Planchonella costata</i> (<i>P. novo-zelandica</i> in 1973)	tawāpou			+	+
<i>Pomaderris amoena</i> (<i>P. phyllicifolia</i> var. <i>ericifolia</i> in 1973)		+			
<i>P. rugosa</i>	pomaderris	+	+	+	+
<i>Pseudopanax arboreus</i>	five finger			+	
<i>P. lessonii</i>	houpara			+	+
<i>Rhopalostylis sapida</i>	nīkau				+
<i>Solanum aviculare</i> var. <i>aviculare</i>	poroporo	+	+	+	+

Scientific name (Scientific name in 1973)	Common name(s)	Islands			
		Kuranui		Waikaia	
		1973	2024	1973	2024
<i>(S. aviculare in 1973)</i>					
<i>S. mauritianum*</i>	woolly nightshade				+
<i>Trachycarpus fortunei*</i>	Chinese windmill palm				+
<i>Veronica stricta</i> var. <i>macroura</i> <i>(Hebe stricta</i> var. <i>macroura</i> in 1973)				+	
<i>Vitex lucens</i>	pūriri		+		+
Lianes					
<i>Clematis paniculata</i>	puawānanga	+			
<i>Muehlenbeckia australis</i>	pōhuehue				+
<i>M. complexa</i> var. <i>complexa</i> <i>(M. complexa in 1973)</i>	pōhuehue	+	+	+	+
<i>Rubus fruticosus</i> agg.*#	blackberry			+	+

Scientific name (Scientific name in 1973)	Common name(s)	Islands			
		Kuranui		Waikaia	
		1973	2024	1973	2024
<i>Tetragonia trigyna</i>	native spinach		+	+	+
Grasses					
<i>Cortaderia selloana</i> *	pampas		+		+
<i>C. sp.</i> *		+			
<i>Lachnagrostis filiformis</i> (<i>L. filiformis</i> agg. in 1973)	New Zealand wind grass	+	+	+	+
<i>Oplismenus hirtellus</i> subsp. <i>imbecillis</i> (<i>O. imbecillus</i> in 1973)		+	+	+	+
<i>Paspalum sp.</i> *				+	
<i>Poa anceps</i>	broad-leaved poa	+	+		+
<i>Sporobolus africanus</i> *#	rat's tail			+	
Other herbaceous monocots					
<i>Arthropodium cirratum</i>	rengarenga	+	+		+

Scientific name (Scientific name in 1973)	Common name(s)	Islands			
		Kuranui		Waikaia	
		1973	2024	1973	2024
<i>Astelia banksii</i>	wharawhara		+		+
<i>A. hastata</i> (<i>Collospermum hastatum</i> in 1973)	kahakaha			+	+
<i>A. solandri</i>	kōwharawhara			+	
<i>Carex inversa</i>	creeping lawn sedge	+	+		
<i>C. spinostris</i>	coastal sedge, petrel scrub sedge				+
<i>C. testacea</i>	speckled sedge	+	+		
<i>C. uncinata</i>	hook sedge		+		
<i>Cyperus ustulatus</i>	giant umbrella sedge	+	+		
<i>Ficinia nodosa</i> (<i>Scirpus nodosus</i> in 1973)	wiwi	+	+	+	+
<i>Lepidosperma laterale</i>				+	

Scientific name (Scientific name in 1973)	Common name(s)	Islands			
		Kuranui		Waikaia	
		1973	2024	1973	2024
<i>Morelotia affinis</i>	morelotia	+	+		
<i>Phormium tenax</i>	flax	+	+	+	+
Small composites					
<i>Cirsium vulgare</i> *	Scotch thistle		+	+	+
<i>Cotula australis</i>	soldier's buttons	+			+
<i>Erigeron sumatrensis</i> * (<i>E. floribundus</i> * in 1973)	broadleaved fleabane		+	+	
<i>Euchiton japonicus</i> (<i>Gnaphalium collinum</i> in 1973)		+			
<i>Gamochoeta</i> sp.* (<i>Euchiton</i> sp.* in 1973)				+	
<i>Hypochoeris radicata</i> *	catsear	+	+	+	+
<i>Helminthotheca echioides</i> * (<i>Picris echioides</i> * in 1973)	oxtongue	+			

Scientific name (Scientific name in 1973)	Common name(s)	Islands			
		Kuranui		Waikaia	
		1973	2024	1973	2024
<i>Jacobaea vulgaris</i> *	ragwort		+		
<i>Mycelis muralis</i> *	wall lettuce				+
<i>Pseudognaphalium luteoalbum</i>	Jersey cudweed		+		
<i>Senecio glomeratus</i> subsp. <i>glomeratus</i>	fireweed		+		
<i>S. hispidulus</i>	fireweed				+
<i>S. lautus</i>	shore groundsel	+	+	+	+
<i>Soliva sessilis</i> *	Onehunga weed				+
<i>Sonchus oleraceus</i> *	sow thistle	+	+	+	+
Other herbaceous dicots					
<i>Acaena anserinifolia</i>	bidibid, hutiwai	+	+	+	
<i>Apium prostratum</i> subsp. <i>prostratum</i> var. <i>filiforme</i> (<i>A. australe</i> in 1973)	New Zealand celery	+	+	+	+

Scientific name (Scientific name in 1973)	Common name(s)	Islands			
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		1973	2024	1973	2024
<i>Chenopodium triandrum</i>	pigweed		+		+
<i>Daucus carota</i> *	wild carrot				+
<i>Dichondra repens</i>	Mercury Bay weed	+	+		+
<i>Disphyma australe</i> subsp. <i>australe</i> (<i>D. australe</i> in 1973)	horokaka, native ice plant	+	+	+	+
<i>Drosera auriculata</i>	sundew	+			
<i>Euphorbia peplus</i> *	milkweed	+	+	+	
<i>Galingsoga</i> sp.*		+			
<i>Geranium gardneri</i> (<i>G. homeanum</i> * in 1973)		+	+	+	+
<i>Gonocarpus incanus</i> (<i>Haloragis procumbens</i> in 1973)		+	+		+
<i>Lepidium didymum</i> *	twin cress				+

Scientific name (Scientific name in 1973)	Common name(s)	Islands			
		Kuranui		Waikaia	
		1973	2024	1973	2024
<i>Lobelia anceps</i>	shore lobelia	+	+		
<i>Leucopogon fasciculatus</i>	mingimingi		+		
<i>Lysimachia arvensis</i> subsp. <i>arvensis</i> var. <i>arvensis</i> * (<i>Anagallis arvensis</i> in 1973)	scarlet pimpernel	+	+	+	
<i>Oxalis exilis</i>	creeping oxalis		+		+
<i>Oxalis</i> . sp.		+			
<i>Peperomia urvilleana</i>	peperomia	+	+		+
<i>Phytolacca octandra</i> *	inkweed	+	+	+	+
<i>Polycarpon tetraphyllum</i> *	allseed		+		+
<i>Sagina procumbens</i> *	procumbent pearlwort		+		+
<i>Salicornia quinqueflora</i> (<i>S. australis</i> in 1973)	glasswort	+		+	+

Scientific name (Scientific name in 1973)	Common name(s)	Islands			
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		1973	2024	1973	2024
<i>Samolus repens</i>	sea primrose	+	+	+	
<i>Scleranthus biflorus</i>			+		
<i>Styphelia nesophila</i> (<i>Cyathodes fraseri</i> in 1973)	pātōtara, dwarf mingimingi	+		+	
<i>Solanum nigrum</i> *	black nightshade		+	+	+
Ferns and fern allies					
<i>Adiantum hispidulum</i>	rosy maidenhair	+	+		
<i>Alsophila tricolor</i> (<i>Cyathea dealbata</i> in 1973)	silver fern	+	+	+	+
<i>Asplenium polyodon</i> (<i>A. falcatum</i> in 1973)	sickle spleenwort	+	+		+
<i>A. flaccidum</i>	hanging spleenwort	+			
<i>A. oblongifolium</i> (<i>A. lucidum</i> in 1973)	huruhuruwhenua, shining spleenwort	+	+	+	+

Scientific name (Scientific name in 1973)	Common name(s)	Islands			
		Kuranui		Waikaia	
		1973	2024	1973	2024
<i>Cheilanthes sieberi</i> subsp. <i>sieberi</i> (<i>C. sieberi</i> in 1973)	rock fern	+			
<i>Dicksonia squarrosa</i>	wheki	+	+		
<i>Doodia australis</i> (<i>D. media</i> in 1973)	rasp fern	+	+	+	
<i>Hymenophyllum multifidum</i>	much-divided filmy fern	+			
<i>H. sanguinolentum</i>	piripiri	+			
<i>Hypolepis ambigua</i> (<i>H. tenuifolia</i> in 1973)		+			
<i>Icarus filiformis</i> (<i>Blechnum filiforme</i> in 1973)	thread fern	+			
<i>Paesia scaberula</i>	ring fern				+

Scientific name (Scientific name in 1973)	Common name(s)	Islands			
		Kuranui		Waikaia	
		1973	2024	1973	2024
<i>Parablechnum novae-zelandiae</i> (<i>Blechnum capense</i> in 1973)	kiokio	+	+		+
<i>Pellaea falcata</i>	sickle fern			+	
<i>Polystichum neozelandicum</i> subsp. <i>neozelandicum</i> (<i>Polystichum richardii</i> in 1973)				+	
<i>P. wawranum</i> (<i>Polystichum richardii</i> in 1973)		+		+	
<i>Psilotum nudum</i>	whisk fern	+			
<i>Pteridium esculentum</i> (<i>P. aquilinum</i> var. <i>esculentum</i> in 1973)	rarauhe, bracken	+	+	+	
<i>Pteris tremula</i>	shaking brake	+	+	+	+

Scientific name (Scientific name in 1973)	Common name(s)	Islands			
		Kuranui		Waikaia	
		1973	2024	1973	2024
<i>Pyrrosia elaeagnifolia</i> (<i>P. serpens</i> in 1973)	leather-leaf fern	+	+	+	+
<i>Sphaeropteris medullaris</i> (<i>Cyathea medullaria</i> in 1973)	mamaku	+			
<i>Zealandia pustulata</i> subsp. <i>pustulata</i> (<i>Phymatodes diversifolium</i> in 1973)	hound's tongue, kowaowao	+	+	+	+

+ presence, * exotic species, # species identified during 1973 trip and lodged as voucher specimen (AK) but omitted from the *Tane* publication.