

WANGANUI PLANT LIST 61

Checklist of vascular plants of Sugar Loaf Islands

Last updated 25 Feb 2002 by C C Ogle¹

following visits to Motumahanga on 19/2/02 with G La Cock and L Stanley, and to Moturoa on 20/2/02 with GLC and M Andrews

This list is a compilation of species listed by TCPL investigation report (Graeme Taylor, compiler of botanical information 1989), and by earlier authors on various islands. Species names have been updated where it is reasonably certain what name is appropriate; authors have been cited against doubtful records. Records by Colin Ogle and staff of DOC since 1987, and B Hartley (1996, pers. comms.) have been added to this list.

FLORA OF THE SUGAR LOAF ISLANDS, NEW PLYMOUTH							
Plant species		Islands					
Scientific Name	Common Name	Motumahanga	Moturoa	Whareumu	Motuotama-tea	Pararaki	Mataora
FERNS							
<i>Adiantum cunninghamii</i>	common maidenhair	-	-	-	+	-	+
<i>Asplenium oblongifolium</i>	shining spleenwort	-	+ [^]	-	+	-	+
<i>A. appendiculatum</i> spp.	coastal spleenwort	+ [^]	+ [^]	-	-	-	-
<i>maritimum</i> [include <i>A. flaccidum</i> of Mason 1973]							
<i>Blechnum novae-zelandiae</i> ? ²	kiokio	-	-	-	+	-	+
<i>B. blechnoides</i> (<i>B. banksii</i>)	hard fern	-	-	-	+	-	-
<i>B. chambersii</i>		-	-	-	-	-	+
<i>Cyathea medullaris</i>	mamaku tree-fern	-	-	-	-	-	+
<i>Dicksonia squarrosa</i>	wheki	-	-	-	+	-	+
<i>Microsorium pustulatum</i>	hound's tongue fern	-	+ [^]	-	-	-	+
? <i>Paesia scaberula</i>	ring fern	-	+	-	-	-	-
<i>Polystichum richardii</i>	shield fern	-	-	-	-	-	+
<i>Pteridium esculentum</i>	bracken	-	-	-	+	-	+

¹ 22 Forres St Wanganui

² Listed before 2002 as *B. "capense"*, a group of species with several named taxa in NZ. Of these, *B. novae-zelandiae* seems the most likely one to occur on these islands.

[^] recorded on 19 and 20/2/2002

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Plant species		Islands					
Scientific Name	Common Name	Motumahanga	Moturoa	Whareumu	Motuotama-tea	Pararaki	Mataora
<i>Pyrrosia eleagnifolia</i>	leather leaf fern	^	+	-	-	-	-
DICOTYLEDONS							
<i>Anagallis arvensis</i> *	scarlet pimpernel	-	+^	-	+	-	+
<i>Apium prostratum</i>	sea celery	-	-	-	+	+	+
<i>Arctotheca calendula</i> *	Cape daisy	-	-	-	-	+	-
<i>Atriplex prostrata</i> *	orache	-	-	-	+	-	-
<i>Calystegia sepium</i>	greater bindweed	-	-	-	-	-	+
<i>C. soldanella</i>	sand convolvulus	-	-	-	+	-	+
<i>Cassinia leptophylla</i>	tauhinu	-	-	-	+	-	+
<i>Carpobrotus edulis</i> *	ice plant	-	-	-	(+)	-	-
<i>C. edulis x Disphyma australe</i>		-	-	-	(+)	-	-
<i>Centella uniflora</i>	-	-	(+)	-	+	-	+
<i>Chenopodium album</i> *	fathen	-	-	-	-	+	-
<i>Cirsium vulgare</i> *	Scotch thistle	-	+	-	+	-	+
<i>Clematis forsteri</i>		-	-	-	-	-	+
<i>Conyza albida</i> *[including <i>C. floribunda</i> of Boase 1984]	fleabane	+^	+^	-	-	+	+
<i>Coprosma repens</i>	taupata	+^	+^	+	+	+	+
<i>C. rhamnoides</i>	-	-	-	-	-	-	+
<i>C. robusta</i>	karamu	-	-	-	-	-	+
<i>Corokia cotoneaster</i>	korokio	-	-	-	-	-	+
<i>Coronopus didymus</i> *	twin cress	(+)	-	-	+	+	-
<i>Corynocarpus laevigatus</i>	karaka	-	-	-	+	-	-
<i>Craspedia minor</i>	woollyhead	-	-	-	-	-	+
<i>Crassula sieberiana</i>		^	^	-	-	-	-
<i>Crepis capillaris</i> *	hawksbeard	+	-	-	-	-	+
<i>Cucurbita sp.</i> *	pumpkin ³	+	(+)	-	-	+	-

³ Listed as '*Curcurbita pepo* pumpkin' by Boase et al.(1981), but pumpkin is *C. maxima* and *C. pepo* is vegetable marrow; which species was seen in 1981 is therefore uncertain.

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Plant species		Islands					
Scientific Name	Common Name	Motumahanga	Moturoa	Whareumu	Motuotama-tea	Pararaki	Mataora
<i>Dichondra repens</i>	Mercury Bay weed	+^	+^	-	+	-	+
<i>Disphyma australe</i>	NZ iceplant	+^	+^	+	+	+	+
<i>Einadia trigonos ssp. trigonos</i> ⁴	-	+^	+^	+	-	+	-
<i>Euphorbia glauca</i>	NZ spurge	-	-	-	+	-	-
<i>Fumaria muralis</i> *	scrambling fumitory	-	+	-	+	-	-
<i>Geniostoma rupestre</i> var. <i>ligustrifolium</i>	hangehange	-	-	-	-	-	+
<i>Geranium molle</i> *	soft dove's foot	(+)	(+)	-	-	-	-
<i>Gnaphalium coarctatum</i> *	cudweed	+	-	-	-	-	-
<i>Haloragis erecta</i>	-	-	-	-	-	+	+
<i>Hebe stricta</i> (var. <i>macroura</i> ?)	koromiko	-	-	-	-	+	+
<i>Hedera helix</i> *	ivy	-	+	-	-	-	-
<i>Hypochoeris radicata</i> *	catsear	+^	-	-	+	-	+
<i>Lagenifera pumila</i>	-	-	-	-	-	+	-
<i>Lavatera arborea</i> *	tree mallow	-	+^	-	-	-	-
<i>Leontodon taraxacoides</i> *	hawkbit	+	-	-	+	-	+
<i>Lepidium oleraceum</i>	Cook's scurvy grass	+	+^5	-	-	-	-
<i>Leptinella dioica</i> spp. <i>dioica</i> [Mason 1973a]		(+)	-	-	-	-	-
<i>Linum monogynum</i>	rauhua	-	-	-	+	-	+
<i>Lobelia anceps</i>	shore lobelia	(+)	+	-	+	+	+
<i>Lotus suaveolens</i> *	hairy birdsfoot trefoil	+	+	-	+	-	+
<i>L. pedunculatus</i> *	lotus	-	-	-	+	-	+
<i>Lupinus arboreus</i> *	tree lupin	+	+	-	-	-	+
<i>Lycium ferocissimum</i> *	boxthorn	+^	+^	+	+	+	+
<i>Macropiper excelsum</i>	kawakawa	-	-	-	+	-	+
<i>Melicytus ramiflorus</i>	mahoe	-	-	-	-	-	+
<i>Meryta sinclairii</i> *	puka				+		+

⁴ Listed as *E. allanii* by most authors, but *E. trigonos* in the TCPL document

⁵ 11 plants seen on south aspect of Moturoa, just east of large rockfall, on 20.2.02

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Scientific Name	Common Name	Motumahanga	Moturoa	Whareumu	Motuotama-tea	Pararaki	Mataora
<i>Metrosideros excelsa</i> *	pohutukawa	-	+	-	+	-	+
<i>Muehlenbeckia australis</i>	pohuehue	+^	^	-	-	-	-
<i>M. complexa</i>	wire vine	+^	+^	-	+	-	+
<i>Myoporum laetum</i>	ngaio	-	-	-	-	-	+
<i>Myrsine australis</i>	mapou	-	^	-	+	-	+
<i>Olearia solandri</i>	-	-	-	-	-	-	+
<i>Oxalis rubens</i>	-	-	-	-	-	-	+
<i>Paraserianthes lophantha</i> *	brush wattle	^6	-	-	-	-	-
<i>Phytolacca octandra</i> *	inkweed	+^	+^	-	+	-	+
<i>Pimelea urvilleana</i>	pinatoro	-	-	-	+	-	-
[including <i>P prostrata</i> var. <i>quadrifaria</i> of various authors]							
<i>Pittosporum crassifolium</i>	karo	+^	+^	-	+	+	+
<i>P. tenuifolium</i> ssp. <i>tenuifolium</i>	kohuhu	-	-	-	+	-	-
<i>Plantago lanceolata</i> *	narrow-leaved plantain	-	+^	-	-	-	+
<i>Polycarpon tetraphyllum</i> *	allseed	(+)^	+	-	-	-	+
<i>Portulaca oleracea</i> *	wild portulaca	-	-	-	-	+	-
<i>Pseudopanax crassifolius</i> <i>x P. lessonii</i>	hybrid houpara	+^	+^	-	-	-	-
<i>P. lessonii</i>	houpara	+^	+^	-	+	-	+
<i>Pseudognaphalium</i> <i>luteoalbum</i> agg.	jersey cudweed	-	-	-	-	-	+
<i>Ranunculus repens</i> *	creeping buttercup	-	+	-	-	-	-
<i>Rhaphiolepis umbellata</i> *	sexton's bride	-	-	-	-	-	+
<i>Rubus fruticosus</i> *	blackberry	-	+	-	-	-	+
<i>Rumex obtusifolius</i> *	broad-leaved dock	-	+	-	-	-	-
<i>Sagina apetala</i> *	annual pearlwort	-	-	-	-	+	-

⁶ One 2 metre shrub, lacking flowers and pods, removed from centre of the top 'saddle' 19.2.02; another removed from north edge of the 'saddle' earlier in year (M Andrews, pers. comm.)

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<i>S. procumbens</i> *	pearlwort	-	+	-	+	-	+
<i>Samolus repens</i>	shore primrose	-	-	-	+	-	+
<i>Sarcocornia quinqueflora</i>	glasswort	+	+^	+	+	+	+
<i>Selliera radicans</i>	half star	-	+^	-	+	-	(+)
<i>Senecio cineraria</i> *	dusty miller	-	-	-	-	-	+
<i>S. jacobaea</i> *	ragwort	+	-	-	-	-	+
<i>S. lautus</i>	shore groundsel	+^	+^	-	+	+	+
<i>S. minimus</i>	NZ fireweed	+	-	-	-	-	-
<i>Silene gallica</i> *	catchfly	-	+	-	+	-	+
<i>Solanum americanum</i>	native nightshade	+	+	-	+	+	-
<i>S. laciniatum</i> ⁷	poroporo	+^	-	-	-	-	-
<i>S. nigrum</i> *	black nightshade	+^	+^	+	+	-	+
<i>Sonchus asper</i> *	prickly puha	-	-	-	+	-	-
<i>S. oleraceus</i> *	puha	+	+^	-	+	+	+
<i>Spergularia media</i>	sea spurrey	+	-	-	-	-	+
<i>Stellaria media</i> *	chickweed	(+)	+	-	-	-	-
<i>Taraxacum officinale</i> *	dandelion	-	-	-	-	-	+
<i>Tetragonia trigyna</i>	native spinach	+^	+^	-	+	+	+
<i>Trifolium dubium</i> *	suckling clover	-	^	-	-	-	-
<i>Trifolium repens</i> *	white clover	+	-	-	-	-	+
<i>T.?subterraneum</i> * ⁸	subterranean clover	-	+	-	-	-	-
<i>Ulex europaeus</i> *	gorse	-	-	-	+	-	+
<i>Wahlenbergia violacea</i> ? ⁹	NZ harebell	-	+^	-	-	-	-
MONOCOTYLEDONS							
<i>Agave americana</i> *	century plant	-	-	-	-	-	-

⁷ Listed as either *S. aviculare* or *S. laciniatum* by earlier authors; flowering *S. laciniatum* collected on Motumahanga on 19.2.02

⁸ This pre-2002 record of an uncertain species of *Trifolium* may equate to *T. dubium*, seen and collected on 20.2.02

⁹ Listed by pre-2002 authors as *W. gracilis*, a species no longer believed to be in NZ. Only a withered flower was seen on 20.2.02, but it appeared to be bright blue and hence *W. violacea*. Material was collected for CHR.

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Plant species		Islands					
Scientific Name	Common Name	Motumahanga	Moturoa	Whareumu	Motuotama-tea	Pararaki	Mataora
<i>Agrostis capillaris</i> *	browntop	^	-	-	-	-	-
<i>Ammophila arenaria</i> *	marram grass	-	-	-	-	-	-
<i>Asparagus officinalis</i> *	asparagus	-	+ ¹⁰	-	-	-	-
<i>Astelia solandri</i>	-	-	+	-	-	-	?
<i>Briza maxima</i> *	quaking grass	-	-	-	+	-	-
<i>Bromus hordeaceus</i> [including <i>B. catharticus</i> of various authors]	soft brome	(+)	-	-	-	-	-
<i>B. willdenowii</i> *	prairie grass	+^	+^	-	-	+	+
<i>Carex flagellifera</i>	-	-	-	-	+	-	+
<i>C. sp.</i> (unnamed; <i>C. 'raotest'</i>). ¹¹	-	^	+	-	-	-	+
<i>Collospermum hastatum</i>	kahakaha	-	+	-	-	-	-
<i>Cordyline australis</i>	cabbage tree, ti kouka	+^	+^	-	+	-	+
<i>Cortaderia fulvida</i>	toetoe	-	-	-	+	-	+
<i>C. jubata/selloana</i> *	pampas grass	-	+	-	+	-	+
<i>Cyperus ustulatus</i>	mariscus	-	-	-	+	-	+
<i>Dactylis glomerata</i> *	cocksfoot	-	+^	-	+	-	+
<i>Dichelachne crinita</i>	plume grass	-	+^	-	-	-	+
<i>Digitaria sanguinalis</i> *	summer grass	^	+	-	-	-	-
<i>Echinochloa crus-galli</i> *	barnyard grass	+	-	-	-	-	-
<i>Ehrharta erecta</i> *	veld grass	-	+^	-	-	-	-
<i>Elymus multiflorus</i>	blue wheat grass	-	+	-	+	-	+
<i>E. solandri</i> ¹²	blue wheat grass	-	^	-	-	-	+
<i>Holcus lanatus</i> *	Yorkshire fog	+^	+	-	+	-	+

¹⁰ One young plant collected 12.4.88 (Ogle no. 1625; CHR 459530) and another uprooted on 20.2.02

¹¹ Recorded as *C. testacea* in TCPL document, but that collected for CHR from Motumahanga on 19/2/02 was an unnamed *Carex*, related to *C. testacea* and *C. raoulii*, and given the tag-name of *C. 'raotest'*. Because this species is not uncommon in coastal Taranaki, the other records of *C. testacea* from the Sugar Loaf Islands are now listed as *C. 'raotest'*.

¹² Earlier authors recorded *Agropyron scabrum* and/or *Elymus rectisetus*. *E. solandri* (recognised as a valid indigenous species in 1994) was collected for CHR from Moturoa on 20/2/02, and the earlier records from the Sugar Loaf Islands are now all regarded as being this species. The status of *E. multiflorus* on Moturoa is uncertain, because *E. solandri* had not been recorded there before 2002; *E. multiflorus* might be an error?

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Scientific Name	Common Name	Motumahanga	Moturoa	Whareumu	Motuotama-tea	Pararaki	Mataora
<i>Isolepis cernua</i>	-	-	-	-	+	-	+
<i>I. nodosa</i>	club rush	-	+	-	+	-	+
<i>Lachnagrostis billardierei</i>	sand wind-grass	-	(+)	-	-	-	+
<i>L. filiformis</i>	tumble grass	-	-	-	+	-	+
<i>Leptocarpus similis</i>	jointed wire rush	-	-	-	-	-	+
<i>Lolium perenne</i> *	perennial ryegrass	+	+^	-	-	-	-
<i>Luzula banksiana</i> var. <i>banksiana</i>	coastal woodrush	-	-	-	+	?	+
<i>Microlaena stipoides</i>	meadow rice grass	^	-	-	-	-	+
<i>Paspalum dilatatum</i> *	paspalum	-	-	-	-	+	-
<i>P. distichum</i> *	Mercer grass	-	-	-	-	+	-
<i>P. vaginatum</i> *	-	-	-	-	-	+	+
<i>Phormium tenax</i>	NZ flax, harakeke	+^	+^	-	+	+	+
<i>Poa anceps</i>	-	-	-	-	+	-	+
<i>P. annua</i> *	annual poa	+^	+	-	+	-	-
<i>Polypogon fugax</i> *	-	-	-	-	-	-	+
<i>Rhopalostylis sapida</i>	nikau	-	+	-	-	-	-
<i>Rytidosperma unarede</i>	danthonia	-	+(^?) ¹³	-	-	-	-
<i>Schedonorus phoenix</i> *	tall fescue	-	-	-	+	-	-
<i>Secale cereale</i> *	rye	-	+	-	-	-	-
<i>Sporobolus africanus</i> *	ratstail	-	-	-	+	-	+
<i>Thelymitra longifolia</i>	sun orchid	-	-	-	-	-	+
<i>Uncinia uncinata</i> ¹⁴	hook sedge	-	(+)	-	-	-	-
<i>Vulpia ?bromoides</i>	squirrel-tail fescue	-	-	-	-	-	+

* denotes adventive species (including NZ indigenous species outside their natural range, i.e. garden escapes), + = present, ^ = **seen in Feb 2002**, - = absent, (+) = recorded by earlier surveys but not during TCPL investigations in 1989 or other surveys since then. ? = status uncertain

¹³ Specimen collected 20/2/02; identity yet to be verified (CCO).

¹⁴ May have been an error for a *Carex* species?

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