

<i>B. triangularifolium</i>		cliff kiokio
<i>Dicksonia fibrosa</i>	(+) (unc)	whkeiponga
<i>Hypolepis ambigua</i>		
<i>Pneumatopteris pennigera</i>		
<i>Pteridium esculentum</i>		bracken
<i>Pyrrosia eleagnifolia</i>	(+) (unc)	leatherleaf fern
Orchids		
<i>Corybas</i> sp. (unidentified; <i>C. rivularis</i> agg.)		spider orchid
<i>Microtis unifolia</i>	(+)	onion-leaved orchid
<i>Thelymitra longifolia</i>	(+)	sun orchid
Grasses		
<i>Cortaderia toetoe</i>	(+)	toetoe
<i>Lachnagrostis billardiarei</i>	(+)	sand bent
<i>L. filiformis</i> s.s.		
<i>Spinifex sericeus</i>	(+)	spinifex
<i>Zoysia minima</i>	(+)	
Sedges		
<i>Baumea juncea</i>	(+)	
<i>Carex buchananii</i>		
<i>C. pumila</i>	(+)	sand carex
<i>C. virgata</i>	(+)	
<i>Cyperus ustulatus</i>	(+)	
<i>Desmoschoenus spiralis</i>	(+)	pingao
<i>Eleocharis acuta</i>	(+)	sharp spike sedge
<i>E. gracilis</i>		slender spike sedge
<i>Isolepis basilaris</i>		
<i>I. cernua</i>		
<i>I. nodosa</i>	(+)	club sedge
<i>Schoenoplectus pungens</i>	(+)	3-square
<i>S. validus</i>	(+)	kapungawha
<i>Schoenus nitens</i>	(+)	
Rushes		
<i>Juncus caespiticus</i>		
<i>J. maritimus</i> var. <i>australiensis</i>	(+) (unc)	sea rush
<i>Leptocarpus similis</i>	(+)	jointed rush
Monocot Herbs Other Than Orchids, Grasses, Sedges, Rushes		
<i>Libertia peregrinans</i>	(+)(unc)	sand iris
<i>Phormium cookianum</i>	(+)	wharariki, mountain flax
<i>P. tenax</i>	(+)	harakeke, flax
<i>Potamogeton ochreatus</i> [(Cockayne 1908)]		
<i>P. pectinatus</i> [Aston 1910]	(+) ¹	
<i>Triglochin striatum</i>	(+)	arrow-grass
<i>Typha orientalis</i>	(+)	raupo

¹ Rediscovered in water supply pond in pine forest, Jan. 1993 (pond beside forestry road behind village)

Composite Herbs

Centipeda minima (?)	(+) (unc)	
Cotula coronopifolia	(+)	bachelor's button
Euchiton (Gnaphalium) audax		cudweed
Lagenifera pumila		
Pseudognaphalium sp (P. luteoalbum agg)	(+)	cudweed
Senecio hispidulus	(+) (unc)	
S. quadridentatus		

Dicot herbs (other than composites)

Alium sp (A. filiforme auct NZ)	(+) (unc)	slender sea celery
Calystegia soldanella	(+)	sand convolvulus
Chenopodium glaucum var. ambiguum		
Crassula sieberiana (incl. C. tetramera)	(+) (unc)	
Epilobium billardioreanum s.s.		willowherb
E. nerteroides		"
E. pallidiflorum		"
Gunnera dentata var. (G. arenaria)		sand gunnera
Hydrocotyle novae-zeelandiae s.s.	(+)	swamp pennywort
Lilaeopsis novae-zelandiae	(+)	tape-measure plant
Limosella lineata	(+)	
Lobelia anceps	(+)	NZ lobelia
Mazus novaezeelandiae	(+) (unc)	
Mentha cunninghamii		NZ mint
Myriophyllum pedunculatum ssp. novae-zelandiae		
M. votschii		
Oxalis rubens	(+)	
Polygonum salicifolium	(+)	NZ willowweed
Potentilla anserinoides	(+)	
Pratia perpusilla [between Rangitikei & Turakina Rivers; Aston 1910: 236] ²		
Ranunculus acaulis	(+)	sand buttercup
Samolus repens var. repens		NZ primrose
Sarcocornia quinqueflora	(+)	glasswort
Sebaea ovata		
Selliera radicans	(+)	
Viola cunninghamii [Cockayne 1908]		

Number of Species

85 (+ 2?)

² This sp. was found on 5 March 1995 in damp pasture beside dune lake/swamp in "Tunnel Hill" farm - may have been Aston's location?

Reference

Aston B C, 1910. Trans NZ Inst. 43: 225-47
Cockayne L, 1908: Trans. NZ Inst. 41:309

(B) ADVENTIVE SPECIES (all seen on or after 21 November 1990)

Dicot shrubs and lianes

Acacia sophorae		sand wattle
Artemisia arborescens	(unc)	hedge artemisia
Chrysanthemoides monilifera		boneseed
Cotoneaster sp [seedling]	(unc)	
Crataegus monogyna	(unc)	hawthorn
Erica lusitanica		Spanish heath
Juglans ailantifolia [seedlings]	(unc)	Japanese walnut
Lavatera arborea	(unc)	tree mallow
Lupinus arboreus		tree lupin
Lycium ferocissimum		boxthorn
Pittosporum crassifolium	(unc)	karo
Populus alba		silver poplar
Rosa rubiginosa		sweet brier
Salix cinerea		grey willow
S. fragilis		crack willow
S. matsudana (unc.: 1)	(unc)	tortured willow
Senecio angulatus		Cape ivy
Ulex europaeus		gorse

Dicot herbs

pium nodiflorum		water celery
Anagallis arvensis		scarlet pimpernel
Atriplex prostrata		orache
Beta vulgaris	(unc)	silverbeet
Bidens frondosa	(unc)	beggar's ticks
Carpobrotus sp.		iceplant
Centaureum erythraea		centaury
Cirsium arvense	(unc)	Californian thistle
C. vulgare		Scotch thistle
Conyza albida		fleabane
Coronopus didymus		twin cress
Crepis capillaris		hawkbit
Geranium molle		soft do vesfoot
Hypochoeris radicata		catsear
Lactuca sp.		wild lettuce
Leontodon taraxacoides		hawkbit
Linum bienne		pale flax
Lobularia maritima	(unc)	alyssum
Lotus pedunculatus		lotus major
L. tenuis		
Medicago lupulina		black medick
Melilotus indica		King Island melilot

<i>Mentha pulegium</i>		pennyroyal
<i>Myosotis laxa</i>		water forget-me-not
<i>Myriophyllum aquaticum</i>	(unc)	parrot's feather
<i>Oenothera stricta</i>		evening primrose
<i>Orobanche minor</i>		broom-rape
<i>Parentucellia viscosa</i>		tarweed
<i>Plantago australis?</i>		swamp plantain
<i>P. major</i>		broad-leaved plantain
<i>Picris echioides</i>		ox-tongue
<i>Polygonum hydropiper</i>		water pepper
<i>Ranunculus repens</i>		creeping buttercup
<i>R. sceleratus</i>		celery-leaved buttercup
<i>R. trichophyllus</i>		water buttercup
<i>Raphanus raphanistrum</i>		wild radish
<i>Rorippa nasturtium-aquaticum</i> (?)		watercress
<i>Rumex conglomeratus</i>		clustered dock
<i>R. crispus</i>		curled dock
<i>R. obtusifolius</i>		broad-leaved dock
<i>Senecio elegans</i>		purple groundsel
<i>S. glastifolius</i>		holly-leaved senecio
<i>S. jacobaea</i>		ragwort
<i>Sisymbrium officinale</i>		hedge mustard
<i>Solanum chenopodioides</i>		velvety nightshade
<i>S. nigrum</i>		black nightshade
<i>Sonchus asper</i>		prickly sowthistle
<i>S. oleraceus</i>		puwaha
<i>Spergularia rubra</i>		sand spurrey
<i>Stachys palustris</i> ³		marsh woundwort
<i>Trifolium arvense</i>		haresfoot trefoil
<i>T. dubium</i>		suckling clover
<i>T. repens</i>		white clover
<i>Vicia sativa</i>		vetch

Monocot herbs

<i>Agapanthus orientalis</i>	(unc)	agapanthus
<i>Agrostis stolonifera</i>		creeping bent
<i>Aira caryophyllea</i>		silvery hair grass
<i>Alisma lanceolatum</i>	(unc)	water plantain
<i>Ammophila arenaria</i>		marram grass
<i>Anthoxanthum odoratum</i>		sweet vernal
<i>Briza minor</i>		quaking grass
<i>Bromus diandrus</i>		ripgut brome
<i>Cortaderia selloana</i>		pampas grass
<i>Crocospia x crocosmiiflora</i>		montbretia
<i>Cynodon dactylon</i>		Indian doab
<i>Cyperus eragrostis</i>	(unc)	
<i>Dactylis glomerata</i>		cocksfoot
<i>Ehrharta villosa</i>		pyp grass
<i>Glyceria declinata</i>		floating sweetgrass
<i>Holcus lanatus</i>		Yorkshire fog

³ Marsh woundwort is recorded in NZ from only 2 locations, viz. "mainly near Turakina R" and "Hokoi estuary (near Levin)" (Flora of NZ Vol 4. P 796. 1988)

<i>Juncus subnodulosus</i>	(unc)	
<i>J. articulatus</i>		jointed-leaved rush
<i>J. bufonius</i>		toad rush
<i>Lagurus ovatus</i>		haretail
<i>Paspalum dilatatum</i>		paspalum
<i>P. distichum</i>		Mercer grass
<i>Pennisetum clandestinum</i>		kikuyu grass
<i>Polypogon monspeliensis</i>		beard grass
<i>Potamogeton crispus</i>		curled pondweed
<i>Schedonorus phoenix (=Festuca arundinacea)</i>		tall fescue
<i>Sporobolus africanus</i>		ratstail
<i>Vulpia bromoides</i>		vulpia hair gras
<i>Yucca gloriosa</i>		yucca

Species of Note

A	<u>Indigenous</u>	<u>National Status</u>
	<i>Pimelea</i> sp. (unnamed)	: critically endangered
	<i>Sebaea ovata</i>	: critically endangered
	<i>Mazus novaezeelandiae</i> subsp. <i>impolitus</i>	: vulnerable
	<i>Isolepis basilaris</i>	: vulnerable
	<i>Pimelea arenaria</i> "southern"	: declining
	<i>Libertia peregrinans</i>	: declining
	<i>Centipeda minima</i>	: sparse

B Adventive

Ehrharta villosa: the only location in NZ for this South African grass; spreading from plantings by Ministry of Works (Plant Materials section) in (?) 1960s.

Juncus subnodulosus: first North Island record, 30 January 1993.

Stachys palustris: (see footnote, p. 5)

Lotus tenuis: only a few recorded sites in NZ (Flora of NZ Vol. 4)