

INDIGENOUS VASCULAR PLANTS OF TURAKINA BEACH, MANAWATU

COAST

GHD ref. N143 66-69-

A.P. Druce, Botany Division, D.S.I.R., June 1975

(revised June 1976 July 1988
May 1977 Nov. 1990)
June 1979
May 1980
Aug 1982
Oct. 1983

(Based on visits 1967 and 1975)

MONOCOT TREES

Cordyline australis

*B. sp. (b) (unnamed) (cliff sp.;
lower pinnae not reduced)*

DICOT SHRUBS

Cassinia leptophylla var. *leptophylla*

Hypolepis ambigua

Coprosma acetosa ssp. *acetosa*

Pneumatopteris pennigera

C. propinqua ssp. *propinqua* (incl.
C. p. var. latiuscula)

C. robusta

Pteridium esculentum

C. propinqua x *C. robusta*

Leptospermum scoparium

ORCHIDS

Olearia solandri

Corybas rivularis ss.

Pinetela arenaria

Microtis unifolia

*P. sp. (cf. *P. viridiflora*)* (sprawling to suberect
shrubs with imbricated lvs)

Thelymitra longifolia

DICOT LIANES

Calystegia sepium ssp.

GRASSES

Cortaderia tetraea

Deyeuxia billardierei

Lachnagrostis filiformis s.s.

SEDGES

Baumea juncea
Carex buchananii
C. pumila
Cyperus ustulatus
Desmoschoenus spitalis
Eleocharis gracilis
Isolapis basilatis
I. cernuus
I. nodosa
Schoenoplectus pungens
Schoenus nitens

RUSHES

Juncus caespiticius
Leptocarpus similis

MONOCOT HERBS (OTHER THAN ORCHIDS,

GRASSES, SEDGES, RUSHES)

Libertia peregrinans
Phormium tenax
Potamogeton ochreatus (Cockayne
1908)
Triglochin striata
Typha orientalis

COMPOSITE HERBS

Cotula coronopifolia
Gnaphalium auctax

Lagenifera pumila
Pseudognaphalium sp. (unnamed; aff.
P. luteoalbum)

DICOT HERBS (OTHER THAN COMPOSITES)

Calystegia soldanella
Chenopodium glaucum var. *ambiguum*
Epilobium billardiereanum ss.
E. netteroides

E. pallidiflorum
Gunnera dentata var. (*G. arenaria*)
Hydrocotyle novae-zeelandiae ss.

Limosella lineata
Lobelia anceps
Mazus sp. (*M. pumilio* auct. N.Z.)
Mentha cunninghamii
Myriophyllum pedunculatum ssp.
novae-zeelandiae
M. votschii
Oxalis tubens

Ranunculus acaulis
Samolus repens var. *repens*
Sarcocornia quinqueflora
Sebaea ovata
Selliera radicans agg.
Viola cunninghamii (Cockayne 1908)

No. of species: 68.

Reference

Cockayne, L. 1908: Trans. N.Z. Inst. 41: 399.

Vascular Plants of Turakina Beach (Koitiata), Manawatu Coast
Grid Ref N 143 66-69

A P Druce, Botany Division, DSIR
June 1975 (last revised ~~July 1988~~ Nov. 1990)
(based on visits 1967 and 1975)

C C Ogle, Department of Conservation
Wanganui (additions: 5 Dec 1991, ~~and~~
from Wanganui Botanical Group, 30 January 1993),
and 19 April 1993)
(revised A.P.D. May 1993)

(unc) — uncommon;
(+) — seen since 1988;

(A) INDIGENOUS SPECIES

Monocot Trees

Cordyline australis (+) cabbage tree

Dicot Shrubs

Cassinia leptophylla var. *leptophylla* (+) tauhinu
Coprosma acerosa ssp. *acerosa* (+) sand coprosma
C. propinqua ssp. *propinqua* (fruct.
~~*C. p.* var. *latiuscula*)~~
C. repens (+) taupata
C. robusta (+) karamu
C. propinqua x *C. robusta*
Leptospermum scoparium (+) manuka
Olearia solandri (+) sand daphne
Pimelea arenaria
P. sp. (~~cf. *P. urvilleana*~~) (sprawling
to suberect shrub with imbricated lvs)

Dicot Lianes

Calystegia sepium ssp. (+) convolvulus
Muehlenbeckia complexa agg. (+) pohuehue

Ferns

Adiantum cunninghamii (+) maidenhair fern
Asplenium oblongifolium shining spleenwort
A. polyodon (+) (unc) sickle spleenwort
Blechnum minus swamp kiokio

B. sp. (i) (unnamed; common lowland sp. lower pinnae reduced in length)	(+)	kiokio
B. sp. (ii) (unnamed) (cliff sp; lower pinnae not reduced)		
<i>Hypolepis ambigua</i>		
<i>Pneumatopteris pennigera</i>		
<i>Pteridium esculentum</i>		bracken
<i>Pyrrosia eleagnifolia</i>	(+) (unc)	
Orchids		
<i>Corybas rivularis</i>		spider orchid
<i>Microtis unifolia</i>	(+)	onion-leaved orchid
<i>Thelymitra longifolia</i>	(+)	sun orchid
Grasses		
<i>Cortaderia toetoe</i>	(+)	toetoe
<i>Deyeuxia billardierei</i>	(+)	sand bent
<i>Lachnagrostis 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**

Libertia peregrinans	(+)	sand iris
Phormium tenax	(+)	flax, harakeke
Potamogeton ochreatus [(Cockayne 1908)]		
P. pectinatus [Aston 1910]	(+)	
Triglochin striatum <i>a</i>	(+)	
Typha orientalis	(+)	raupo

Composite Herbs

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

Dicot herbs (other than composites)

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

Number of Species

81 (+ 2?)

Reference

Aston B C, 1910. Trans. NZ Inst. 41:309

Cockayne L, 1908: Trans NZ Inst. 43: 225-47

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

Dicot shrubs and lianes

Chrysanthemoides monilifera		bone seed
Cotoneaster sp [seedling]	(unc)	
Erica lusitanica		Spanish heath
Juglans ailantifolia [seedlings]	(unc)	Japanese walnut
Lavatera arborea	(unc)	tree mallow
Lupinus arboreus		tree lupin
Lycium ferocissimum		boxthorn
Populus alba		silver poplar
Rosa rubiginosa		sweet brier
Salix cinerea		grey willow
S. fragilis		crack willow
Sarothamnus (Acacia) sophorae		sand wattle
Senecio angulatus		Cape ivy
Ulex europaeus		gorse

Dicot herbs

Apium nodiflorum		water celery
Anagallis arvensis		scarlet pimpernel
Atriplex prostrata		orache
Beta vulgaris	(unc)	silverbeet
Bidens frondosa	(unc)	beggar's ticks
Carpobrotus sp.		iceplant
Centaurium 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	← Lobularia maritima (unc) alyssum →	pale flax
Lotus pedunculatus		lotus major
Medicago lupulina	← L. tanacetis	black medick
Melilotus indica		King Island melilot
Mentha pulegium		pennyroyal
Myosotis laxa		water forget-me-not
Oenothera stricta		evening primrose
Orobanche minor		broom-rape
Parentucellia viscosa		tarweed
Plantago australis?		swamp plantain
P. major		broad-leaved plantain
Picris echioides		ox-tongue
Polygonum hydropiper		water pepper
Ranunculus repens		creeping buttercup
R. sceleratus		celery-leaved buttercup
R. trichophyllus		water buttercup
Raphanus raphanistrum		wild radish
Rorippa nasturtium-aquaticum (?)		watercress
Rumex conglomeratus		clustered dock
R. crispus		curled dock
R. obtusifolius		broad-leaved dock
Senecio elegans		purple groundsel
S. glastifolius		holly-leaved senecio
S. jacobaea		ragwort
Sisymbrium officinale		hedge mustard
Solanum chenopodioides		velvety nightshade
S. nigrum		black nightshade
Sonchus asper		prickly sowthistle
S. oleraceus		puwaha
Spergularia rubra		sand spurrey
Stachys palustris ¹		marsh woundwort
Trifolium arvense		haresfoot trefoil
T. dubium		suckling clover
T. repens		white clover
Vicia sativa		vetch

Monocot herbs

Agrostis stolonifera	creeping bent
Aira caryophyllea	silvery hair grass
Ammophila arenaria	marram grass
Anthoxanthum odoratum	sweet vernal
Briza minor	quaking grass
Bromus diandrus	riggut brome
Cortaderia selloana	pampas grass
Crocasmia x crocosmiiflora	montbretia
Cynodon dactylon	Indian doab

¹ 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)

Cyperus eragrostis	(unc)	cocksfoot
Dactylis glomerata		pyp grass
Ehrharta villosa		tall fescue
Festuca arundinacea		floating sweetgrass
Glyceria declinata		Yorkshire fog
Holcus lanatus		
Juncus acuminatus?	(unc)	
J. articulatus		jointed-leaved rush
J. bufonius		toad rush
Lagurus ovatus		haretail
Paspalum dilatatum		paspalum
P. distichum		Mercer grass
Pennisetum clandestinum		kikuyu grass
Polypogon mospeliensis		beard grass
Potamogeton crispus		curled pondweed
Sporobolus africanus		ratstail
Vulpia bromoides		vulpia hair gras
Yucca gloriosa		yucca