

WANGANUI PLANT LIST NO. 93

Sea cliffs above Paparoa Reef, south of Wai-iti, North Taranaki

Grid Ref: Q18/360500 (0-69m)

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Survey: 23-26 Jan 1996

* denotes adventive species

Gymnosperm Tree

**Pinus muricata* [all planted?]

Dicot Trees and Shrubs

<i>Coprosma repens</i>	taupata
<i>C. robusta</i>	karamu
<i>Corynocarpus laevigatus</i>	karaka
<i>Geniostoma rupestre</i> var. <i>ligustrifolium</i>	hangehange
<i>Hebe stricta</i> var. <i>stricta</i>	koromiko
* <i>Lupinus arboreus</i>	lupin
* <i>Lycium ferocissimum</i>	boxthorn
<i>Macropiper excelsum</i> ssp. <i>excelsum</i>	kawakawa
<i>Melicytus ramiflorus</i>	mahoe
<i>Metrosideros excelsa</i>	pohutukawa
<i>Pittosporum crassifolium</i> ²	karo
* <i>Populus alba</i>	silver poplar
* <i>Ulex europaeus</i>	gorse

Dicot Lianes

<i>Calystegia sepium</i> [pink flowered form]	
<i>C. tuguriorum</i>	
<i>Muehlenbeckia complexa</i>	small-leaved pohuehue
* <i>Rubus fruticosus</i>	blackberry
<i>Tetragonia trigyna</i>	NZ spinach

Dicot herbs

<i>Apium prostratum</i>	shore celery
* <i>Cirsium arvense</i>	Californian thistle
* <i>C. vulgare</i>	Scotch thistle
* <i>Conyza albida</i>	fleabane
* <i>Coronopus didymus</i>	twincress
<i>Dichondra repens</i>	Mercury Bay weed

¹ Wanganui Conservancy Office; Science and Research, Wellington; New Plymouth Field Centre, respectively

² Two shrubs and a few seedlings - possibly established in recent times from planted specimens at Wai-iti Beach or local gardens.

Disphyma australe	NZ ice plant
*Fumaria muralis	fumitory
*Galium aparine	cleavers
Haloragis erecta	
*Leontodon taraxacoides	hawkbit
Lilaeopsis sp.	tape-measure plant
Lobelia anceps	NZ lobelia
*Lotus pedunculatus	lotus major
*L. suaveolens	hairy lotus
Oxalis exilis	
*Physalis peruviana	cape gooseberry
*Phytolacca octandra	inkweed
*Plantago lanceolata	narrow-leaved plantain
Samolus repens	shore primrose
Sarcocornia australis	glasswort
Senecio lautus	shore groundsel
S. minimus	NZ fireweed
*Solanum nigrum	black nightshade
*Sonchus oleraceus	puwha, sowthistle

Monocot herbs

*Bromus willdenowii	prairie grass
Carex flagellifera	
C. spinirostris	
C. sp. [unnamed; c.f. C. raoulii and C. testacea]	
Cortaderia fulvida	cliff toetoe
Cyperus ustulatus	mariscus
*Dactylis glomerata	cocksfoot
*Holcus lanatus	Yorkshire fog
Isolepis cernua	
I. nodosa	club sedge
Lachnagrostis (Deyeuxia) billardierei	sand bent
Leptocarpus similis	jointed wire-rush
Microlaena stipoides	meadow ricegrass
Phormium tenax	harakeke, NZ flax
Poa anceps ssp.anceps	
*Pseudosasa japonica	bamboo
*Stenotaphrum secundatum	buffalo grass
Triglochin striata	arrow-grass

Ferns

Adiantum cunninghamii	maidenhair fern
Asplenium flaccidum	hanging spleenwort
A. oblongifolium	shining spleenwort
A. polyodon	sickle spleenwort
A. terrestre ssp. maritimum	shore spleenwort
Blechnum chambersii	
B. filiforme	climbing blechnum
B. fluviatile	
B. sp. [unnamed; B. capense]	

agg. "Green Bay form"]	cliff kiokio
<i>Cyathea cunninghamii</i>	gully tree fern
<i>C. dealbata</i>	ponga
<i>C. medullaris</i>	mamaku
<i>Dicksonia squarrosa</i>	wheki
<i>Histiopteris incisa</i>	water fern
<i>Hypolepis dicksonioides</i>	
<i>Paesia scaberula</i>	ring fern
<i>Polystichum richardii</i>	
<i>Pteridium esculentum</i>	bracken
<i>Pteris pendula</i> [P. macilenta of NZ authors]	
<i>P. saxatilis</i> [of NZ authors]	
<i>P. tremula</i>	shaking brake

Notes

The following native species are notable occurrences:

Carex spinirostris: mostly in lowland forest, especially coastal forest, of northern half of North Island, uncommon further south; two records for Wanganui Conservancy (the other at Brunswick, Wanganui, on limestone in forest). Not recorded as present in North Taranaki ED by Bayfield et al. (1991)

Carex sp. [unnamed; cf C. raoulii and C. testacea]: not uncommon sedge of coastal scrub and forests, but seemingly rare in Wanganui Conservancy.

Cyathea cunninghamii: scattered but uncommon in Wanganui Conservancy.

Hypolepis dicksonioides: few locations in Wanganui Conservancy, mostly in disturbed sites (Rapanui, Oakura, Hawera) - the Paparoa site is the most natural site known here.

Pteris saxatilis: a fern of coastal forests, common only from Auckland northwards; Paparoa cliffs are the only recent record in Wanganui Conservancy, but recorded from Waipingau Stream/White Cliffs area by Druce and Ogle (1972).

References

- Bayfield, M A; Courtney, S D; Wiessing, M I. 1991. North Taranaki ecological district. Survey report for the protected natural areas programme. Department of Conservation, Wanganui. 172p.
- Druce, A P; Ogle, C C. 1972. Indigenous vascular plants of Whiecliffs area near Pukearuhe, North Taranaki (Mimi River to Tongaporutu River and west of New Plymouth - Te Kuiti state highway). Unpublished checklist, revised April 1982. Botany Division, DSIR, Lower Hutt.