

Orchids
and base

Checklist of indigenous vascular plants seen at Whangaehu River covenants, E. Waraipa

Grid Ref NZMS 260 S27 253 955

Altitude 80 – 100 m.asl

Visited 20/12/98 T. Silbery, P. Enright, O. John, P. Beveridge
07/02/99 T. Silbery, P. Enright
14/02/99 P. Enright, O. John
09/10/99 T. Silbery, P. Enright, O. John, P.J. Brownsey

Time on site 4½ hours (20/12)
2½ hours (09/10)

LIST # 16 (22.12.98, Revised 15.10.99)

Site description

This 8.6 hectare site is made up of three covenants belonging to Messers Topp, Campbell and Cameron. It is a relatively narrow strip of bush and scrub on either side of the Whangaehu River alongside the Martinborough/Masterton road just south of the Whakarua Road turnoff.

It consists of an area of tall kanuka with emergent matai, totara and black maire with an understory of coprosmas and other shrubs.

There were a number of local rarities in and around the area. At the north end a large area of *Anogramma leptophylla* was found. There is no immediate threat to this area apart from natural erosion of the banks on which it is growing. There is very little of the liverwort *Targionia* with which the fern is usually associated. This area is just outside the northern boundary of the covenants and it would be a real asset if this area could be included in the covenanted area. On the banks of the river *Blechnum triangularifolium* grows in several places.

The stand of kanuka scrub on the true left of the river was found to contain *Asplenium trichomanes* subsp. a fern that is recorded from only one other area in the Wellington conservancy. Five plants were seen, all on a calcareous rock outcrop. A subsequent later search failed to locate any more plants in the immediate area plants. A total of 9 plants were seen on 09/10/99.

Search effort Recce Moderate Thorough

Nomenclature generally follows Indigenous Higher Plants of New Zealand, 8th revision, 1992 by A.P. Druce

* indicates species listed on the Wellington Conservancy plant database

(unc) = uncommon, one or few plants seen.

Significant or unusual plants:

Teucrium parvifolium
Anogramma leptophylla
Asplenium trichomanes ssp.
Blechnum triangularifolium
Corybas iridescens

Gymnosperm trees and shrubs

Dacrycarpus dacrydioides*
Podocarpus totara*
Prumnopitys taxifolia

Monocotyledonous trees and shrubs

Cordyline australis *

Dicotyledonous trees and shrubs

Aristotelia serrata (unc)
Brachyglottis repanda
Carmichaelia australis
Carpodetus serratus
Coprosma areolata
Coprosma crassifolia
Coprosma linariifolia*
Coprosma propinqua subsp. propinqua
Coprosma rhamnoides
Coprosma rigida*
Coprosma robusta
Coprosma rotundifolia
Coprosma propinqua x C. robusta
Coriaria arborea
Fuchsia excorticata*
Fuchsia excorticata x F. perscandens
Hebe stricta var. atkinsonii
Helichrysum aggregatum (unc)
Hoheria sexstylosa
Kunzea ericoides
Leptospermum scoparium
Leucopogon fasciculatus
Melicytus ramiflorus subsp. ramiflorus
Melicytus micranthus* (unc)
Myrsine australis (unc)
Nerstegis cunninghamii*
Olearia paniculata
Pittosporum eugenioides (unc)
Pittosporum tenuifolium*

Plagianthus regius
Pseudopanax arboreus
Raukaua anomalus (unc)
Schefflera digitata
Sophora microphylla*
Teucrium parvifolium* (unc)

Monocotyledonous lianes

Dicotyledonous lianes and related trailing plants

Calystegia tuguriorum
Clematis foetida
Clematis forsteri
Clematis paniculata
Fuchsia perscandens* (unc)
Metrosideros colensoi (unc)
Metrosideros diffusa
Metrosideros perforata (unc)
Muehlenbeckia australis*
Muehlenbeckia complexa
Parsonia capsularis
Rubus cissoides var.
Rubus schmidelioides

Psilopsids, Lycopods and Quillworts

Ferns

Adiantum cunninghamii
Anogramma leptophylla*
Asplenium bulbiferum
Asplenium flabellifolium
Asplenium flaccidum ss
Asplenium hookerianum
Asplenium oblongifolium (unc)
Asplenium polyodon (unc)
Asplenium trichomanes subsp. (unc)
Asplenium bulbiferum x A. hookerianum
Azolla filiculoides subsp. rubra*
Blechnum chambersii
Blechnum fluviatile
Blechnum membranaceum (unc)
Blechnum triangularifolium*
Cyathea dealbata (unc)
Cyathea medullaris
Dicksonia squarrosa
Hypolepis ambigua
Lastreopsis glabella
Pellaea rotundifolia
Phymatosorus pustulatus
Pneumatopteris pennigera
Polystichum richardii
Pteris tremula (unc)
Pteridium esculentum
Pyrrhosia eleagnifolia

Monocotyledonous herbs

Orchids

Corybas iridescens ✓

Corybas macranthus ✓

Microtis unifolia ✓

Grasses

Cortaderia fulvida

Dichelachne crinata

Echinopogon ovatus

Microlaena polynoda

Poa anceps subsp. anceps

Poa imbecilla

Poa matthewsii

Rytidosperma gracile.

Sedges

Carex breviculmis* (unc)

Carex dissita

Carex forsteri

Carex geminata ss

Carex solandri

Carex testacea

Carex virgata (unc)

"Carex geminata large"

Isolepis reticularis

Uncinia ferruginea (unc)

Uncinia sp.

Rushes and allied plants

Juncus gregiflorus

Luzula picta var. picta

Luzula picta var. pallida

Monocotyledonous herbs other than orchids, grasses, sedges, rushes and allied plants

Arthropodium candidum

Astelia fragrans

Phormium cookianum*

Dicotyledonous herbs - composites

Anaphaloides keriense

Cotula australis

Craspedia uniflora var.

Craspedia uniflora var grandis*

Gnaphalium audax

Gnaphalium gymnocephalum

Lagenifera pumila

Leptinella squalida*

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Pseudognaphalium luteoalbum
Senecio glomeratus
Senecio quadridentatus

Dicotyledonous herbs other than composites

Acaena anserinifolia
Cardamine sp. (*C. debilis* agg.) ("Long Style" of Pritchard 1957)
Cardamine sp. (*C. debilis* agg.) ("Narrow Petal" of Pritchard 1957)
Dichondra brevifolia agg.
Epilobium insulare
Epilobium nummulariifolium
Epilobium pedunculare
Epilobium pubens
Galium propinquum
Gonocarpus aggregatus
Haloragis erecta
Hydrocotyle elongata
Hydrocotyle heteromeria
Hydrocotyle moschata
Hydrocotyle novae-zelandiae
Oxalis exilis
Pratia angulata
Ranunculus reflexus
Stellaria decipiens
Wahlenbergia rupestris
Wahlenbergia violacea