

Checklist of indigenous vascular plants seen at Whangaehu River covenants

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

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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)

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
Parsonsia capsularis
Rubus cissoides var.
Rubus schmidelioides

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
Pyrrosia 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*
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