

INDIGENOUS HIGHER PLANTS (LYCOPODS, FERNS, GYMNOSPERMS, FLOWERING PLANTS) OF FOREST SANCTUARY, WAIPUNGA STM, ROCKY HILL TAIPOS, WAIRARAPA, 180-450 M (600-1500 FT)

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A.P. Druce, Botany Division, D.S.I.R., Nov. 1982  
(Revised June 1983, Nov. 1986, Dec. 1986, May 1987, June 1988,  
(Based on visits Nov. 1982 and Dec. 1986) Sept. 1990)

(unc) - uncommon or local

GYMNOSPERM TREES

- Dactyloctenium aegyptium*
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- Podocarpus totara* s.s.
- Prumnopitys ferruginea* (unc)
- P. taxifolia*

- Hedyotis arborea*
- Holera populnea* var. *lanuceolata*
- Knightia excelsa*
- Laurelia novae-zelandiae* (unc)
- Lophomyrtus obtusata* (unc)
- Macropiper excelsum* var. *excelsum*
- Melicope ramiflora* ssp. *ramiflora*
- Myoporum laetum* var. *laetum*

MONOCOT TREES

- Cordyline australis*
- Rhopalostylis sapida* (unc)

- Myrsine australis*
- M. salicina* (unc)
- Nestegis cunninghamii*
- N. lanceolata* (unc)

DICOT TREES

- Alectryon excelsus* var. *excelsus*
- Aristotelia serrata* (unc)
- Carpodetus serratus*
- Elaeocarpus dentatus* (incl. *E. d.* var. *obovatus*)
- E. hookerianus* (unc)
- Fuchsia excorticata* (unc)
- Giselinia littoralis*
- G. lucida*

- N. montana*
- Nothofagus solandri* var. *solandri*
- N. s. x N. sp.* (*N. fusca* or *N. truncata*) (unc)
- Olearia paniculata*
- O. rani* var. *colorata*

*Pennantia corymbosa*  
*Pittosporum eugenioides*  
*P. tenuifolium* ssp. *tenuifolium*  
(unc)  
*Pseudopanax arboreus* var. *arboreus*  
*P. crassifolius*  
*Schefflera digitata*  
*Sophora microphylla*

*Kunzea ericoides* var.  
*Leptospermium scoparium* var.  
*Leucopogon fasciculatus*  
*Melicope simplex*  
*Pittosporum cornifolium* (unc)  
*P. divaricatum* (unc)  
*Solanum aviculare* var. *aviculare*

### DICOT SHRUBS

*Brachyglottis repanda* s.s.  
*Carmichaelia arborea* var. (incl. *C. flag-*  
*elliformis* and *C. hookeri*)  
*Cassinia leptophylla* var. *leptophylla*

*Teuchidium parvifolium* (incl. *T. p.*  
var. *luxurians*) (unc)  
*Urtica ferox*

### MONOCOT LIANES

*Ripogonum scandens*

### DICOT LIANES

*Coprosma areolata*  
*C. crassifolia*  
*C. grandifolia*  
*C. linariifolia*  
*C. lucida* s.s. (unc)  
*C. thamnoides* ssp. *thamnoides*  
(incl. *C. polymorpha*)  
*C. rigida* (unc)  
*C. robusta*  
*C. rotundifolia*  
*C. propinqua* X *C. robusta* (unc)  
*Cyathodes* sp. (*C. juniperina* agg.)  
(lvs us. < 1 cm x < 1 mm) (unc)  
*Gaultheria antipoda* (unc)  
*Geniostoma rupestre* var. *lig-*  
*ustriifolium* (unc)  
*Hebe stricta* var. *atkinsonii*  
*H. sp.* (*Veronica arborea*)  
*Helichrysum aggregatum* var.  
*aggregatum*

*Calystegia tuguriorum* (unc)  
*Clematis afoliata* (unc)  
*C. foetida*  
*C. forsteri*  
*C. paniculata* (unc)  
*C. afoliata* X *C. foetida* (unc)  
*Metrosideros colensoi* (incl.  
*M. c.* var. *pendens*)  
*M. diffusa*  
*M. perforata*  
*Muehlenbeckia australis* (unc)  
*M. complexa* (unc)  
*Parsonsia capsularis* var.

*P. heterophylla*  
*Passiflora tetrandra*

*Rubus cissoides* var. *cissoides*  
(unc)

*R. schmidelioides* var. *schmidelioides* (unc)

*R. squarrosus* (unc)

**PSILOPSIDS AND LYCOPODS**

*Imesipteris elongata* (incl. *T. e.*  
*ssp. robusta*) (unc)

*Lycopodium varium* (incl. *L. billiardieri* and *L. novae-zelandicum*) (unc)

**FERNS**

*Adiantum cunninghamii*

*A. diaphanum* (unc)

*Anarthropteris lanceolata*

*Arthropteris tenella*

*Asplenium bulbiferum*

*A. flabellifolium* agg.

*A. flaccidum*

*A. gracillimum*

*A. hookerianum*

*A. oblongifolium*

*A. polyodon*

*Blechnum chambersii*

*B. discolor* (unc)

*B. filiforme*

*B. fluviatile* agg.

*B. sp.* (unnamed) (common lowland sp.; lower pinnae reduced in length)  
*Rumohra adiantiformis* (unc)

*Chailanthes humilis*

*Ctenopteris heterophylla* (unc)

*Cyathea cunninghamii* (unc)

*C. dealbata*

*C. medullaris*

*C. smithii*

*Dicksonia fibrosa* (unc)

*D. squarrosa*

*Grammitis ciliata* (unc)

*Histiopteris incisa* (unc)

*Hymenophyllum cupresseforme* (unc)

*H. demissum*

*H. flabellatum* (unc)

*H. flexuosum* (unc)

*H. multifidum* (unc)

*H. pulcherrimum* (unc)

*H. ratum* (unc)

*H. sanguinolentum* agg.

*H. scabrum*

*Hypolepis ambigua*

*Lastreopsis glabella*

*L. microsora* ssp. *pentangularis* (unc)

*L. velutina* (unc)

*Leptopteris hymenophylloides*

*Pellaea rotundifolia*

*Phymatosorus diversifolius*

*P. scandens*

*Pneumatopteris pennigera*

*Polystichum richardii*

*P. silvaticum*

*Pteridium esculentum*

*Pteris tremula*

*Pyttosia eleagnifolia*

*Rumohra adiantiformis* (unc)

*Trichomanes venosum* (unc)

**ORCHIDS**

*Caladenia catenata* (unc)

Chiloglottis cornuta (unc)  
Earina autumnalis  
E. mucronata s.s.  
Microtis unifolia (unc)  
Pterostylis banksii  
P. montana s.s. (unc)  
Thelymitra longifolia

### GRASSES

Cortaderia fulvida (unc)  
Dichelachne cinnita (unc)  
Echinopogon oratus  
Microlaena avenacea  
M. polynoda  
M. stipoides  
Poa anceps ssp. anceps  
P. imbecilla  
Rytidosperma unarade  
Trisetum sp. (unnamed) (plants  
slender; lf sheath usually glabrous)

### SEDGES

Carex forsteri  
C. taoulii  
C. secta s.s.  
C. scandii  
C. testacea s.s.  
C. vitigata  
Eleocharis acuta (unc)  
Isolepis pottsii (unc)  
Uncinia banksii (unc)  
U. ferruginea  
U. leptostachya  
U. scabra (unc)  
U. uncinata

### RUSHES

Juncus australis  
J. gregiflorus  
J. planifolius  
J. satophorus  
Luzula picta s.s.

### MONOCOT HERBS (OTHER THAN

ORCHIDS, GRASSES, SEDGES, RUSHES)

Arthropodium candidum  
Astelia fragrans (unc)  
A. solandri  
Collospermum hastatum  
Libertia ixioides  
Phormium cookianum (unc)

### COMPOSITE HERBS

Cotula australis (unc)  
Gnaphalium audax  
G. gymnocephalum  
Helichthysum filicaule (unc)  
Pseudognaphalium sp. (unnamed;  
cf. P. luteoalbum) (vs mostly linear-spathulate to linear, acute)\*  
Senecio glomeratus (unc)  
S. minimus  
S. quadridentatus

### DICOT HERBS (OTHER THAN COMPOSITES)

Acaena anseriniifolia (unc)  
Australina pusilla  
Cardamine sp. (i) (cf. C. corymbosa)  
C. sp. (ii) (C. debilis agg.) ("long  
Style" of Pritchard 1957)  
C. sp. (iii) (C. debilis agg.) ("Narrow  
Petal" of Pritchard 1957)  
C. sp. (iv) (C. debilis agg.) ("Glossy  
Leaf" of Pritchard 1957)  
Crassula sp. (C. sieberiana or C. tetra-  
mera)  
Daucus glochidiatus (unc)  
Dichondra sp. (unnamed)  
(plants slender; fls small)

\* (= Gnaphalium luteoalbum  
var. incanum)

Epilobium brunnesceus S.S. (unc)  
E. linnaeoides (unc)  
E. natteroides  
E. nummularifolium  
E. pubens  
Galium propinquum  
Haloragis erecta ssp. erecta  
Hydrocotyle elongata  
H. heteromeria  
H. moschata  
Oxalis exilis  
O. magellanica agg.  
Plantago racolii var. (lvs narrowly  
elliptic) (unc)  
Ranunculus reflexus  
Stellaria decipiens (incl. S. parviflora)  
Wahlenbergia colensoi  
Urtica incisa

No. of species: 211.

