

VASCULAR PLANTS IN, AND SURROUNDING, SECONDARY TOTARA-TITOKI-MATAI FOREST ON THE OTAKI PLAIN, WELLINGTON

(Based on observations 1960-65, and 1977)

Grid ref. N156-7 66-82- Alt. c. 100 ft.

Biotope C.K.
N157 660 820

A.P. Druce, Botany Division, D.S.I.R., 1966[†]

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([†] Originally published in Bull. Wellington Bot. Soc. 33:22-39)

* Adventive species.

(M) Species found mainly or solely along the forest margins and in the adjacent pasture; if present within the forest, then usually only in a canopy gap.

GYMNOSPERMS

Podocarpus totara s.s.

Prumnopitys taxifolia

DICOT TREES

Alectryon excelsus var. *excelsus*

Beilschmiedia tawa

* *Chamaecytisus palmensis* (M)

Corynocarpus laevigatus

* *Crataegus monogyna* (M)

Dodonaea viscosa var.

Dysoxylum spectabile

Elaeocarpus dentatus (incl. *E.d.*
var. *obovatus*)

Hedycarya arborea

Knightia excelsa

Lophomyrtus bullata

L. obovata

L. bullata X *L. obovata*

Macropiper excelsum var. *excelsum*

Melicope ternata

Melicytus ramiiflorus ssp. *ramiiflorus*

Myoporum laetum var. *laetum*

Myrsine australis

Nestegis cunninghamii

N. lanceolata

N. montana

Oleaia tani var. *colorata*

Streblus banksii

S. heterophyllus

Pennantia corymbosa

Pittosporum eugenioides

P. tenuifolium ssp. *tenuifolium*

Pseudopanax crassifolius

* *Sambucus nigra* (M)

→ undetermined shrub (M)

DICOT SHRUBS

* *Berberis glaucocarpa* (M)

Brachyglottis repanda s.s.

Coprosma areolata

C. crassifolia

C. thamnoides ssp. thamnoides
(incl. C. polymorpha)

Geniostoma rupestre var. ligustrifolium

Griselinia lucida

Ileostylus micranthus (M)

Kortkalsella lindsayi s.s. (M)

Kunzea ericoides var. (M)

Malicope simplex

M. simplex X M. ternata

* Phytolacca octandra (M)

* Rhamnus alaternus (M)

* Rosa tubiginosa (M)

Solanum aviculare var. aviculare

* S. pseudocapsicum

* Ulex europaeus (M)

DICOT LIANES

Calystegia tuguriorum (M)

Clematis foetida

C. paniculata

Metrosideros diffusa

M. perforata

Muehlenbeckia australis

M. complexa (M)

M. australis X M. complexa

Parsonsia heterophylla

* Passiflora mollissima

P. tetrandra

Rubus australis

R. cissoides var. cissoides

R. schmidelioides var. schmidelioides

R. australis X R. cissoides

R. cissoides X R. schmidelioides

FERNS

Asplenium flabellifolium agg.

A. flaccidum

A. gracillimum

A. oblongifolium

A. polyodon

Hymenophyllum flexuosum

H. sanguinolentum s.s.

Pellaea rotundifolia

Phymalosorus diversifolius

Polystichum richardii

Pteridium esculentum (M)

Pteris tremula

Pyrosia eleagnifolia

ORCHIDS

Caladenia catenata

Dendrobium cunninghamii

Drymoanthus adversus

Eumia mucronata ss.

Microtis unifolia (M)

Pterostylis alobula

P. banksii

Thelymitra longifolia (M)

T. pauciflora (M)

GRASSES

* Agrostis capillaris (M)

* Anthoxanthum odoratum (M)

* Cynosurus cristatus (M)

* Dactylis glomerata (M)

- Echinopogon ovatus
 *Festuca nigrescens (M)
 *Holcus lanatus (M)
 Microlaena stipoides
 Oplismenus imbecillis
 Rytidosperma clavatum (M)
 *R. penicillatum (M)
 *Sporobolus africanus (M)

SEDGES

- Carex breviculmis (M)
 Uncinia uncinata

RUSHES

- *Juncus vaginatus (M)
 *Luzula sp. (M)

MONOCOT HERBS (OTHER THAN ORCHIDS) / ("Narrow Petal" of Pritchard 1957)

GRASSES, SEDGES, RUSHES

- *Allium triquetrum (M)
 Athropodium candidum
 Collospermum hastatum
 *Sisyrinchium tridifolium (M)

COMPOSITE HERBS

- *Achillea millefolium (M)
 *Bellis perennis (M)
 *Cirsium vulgare (M)
 *Conyza floribunda (M)
 *Crepis capillaris (M)

- Gnaphalium audax (M)
 G. gymnocephalum (M)
 *Hypochoeris radicata (M)
 *Leontodon taraxacoides (M)
 *Mycelis muralis
 *Senecio bipinnatisectus (M)
 S. hispidulus (M)
 S. minimus (M)
 *Souchus asper (M)
 *S. oleraceus (M)
 *Taraxacum officinale s.l. (M)

DICOT HERBS (OTHER THAN COMPOSITAE)

- *Acaena novae-zelandiae (M)
 *A. ovina (M)
 *Anagallis arvensis (M)
 Cardamine sp. (C. debilis agg)

- *Cerastium fontanum (M)

- *Conium maculatum (M)
 *Crassula decumbens (M)

- Dichondra sp. (M)
 *Euphorbia pepus (M)

- *Fumaria mutalis (M)

- *Galium aparine (M)

G. propinquum

- *Geranium molle (M)

- *G. robertianum (M)

Hydrocotyle moschata (M)

- *Hypericum androsaemum (M)

- *Linum bienne (M)

Nertera setulosa (M)

Oxalis exilis (M)

**O. sp.* (M)

**Parentucellia viscosa* (M)

Parietaria debilis

**Physalis peruviana* (M)

**Plantago lanceolata* (M)

**Polycarpon tetraphyllum* (M)

**Prunella vulgaris* (M)

**Ranunculus parviflorus* (M)

**Rumex acetosella* agg. (M)

**R. pulcher* (M)

**Silene gallica* (M)

**Solanum americanum*

**S. nigrum*

**Stellaria decipiens* (incl. *S. parviflora*)

**S. media* (M)

**Trifolium dubium* (M)

**T. repens* (M)

**Vicia sp.* (M)

No. of indigenous species: 91.

No. of adventive species: 65.