

INDIGENOUS HIGHER PLANTS (FERNS, GYMNOSPERMS, FLOWERING PLANTS) OF CARLUKE SCENIC RESERVE, RAI V., MARLBOROUGH

Grid ref. S15 91-35; alt. c. 50 m

A.P. Druce, Wellington; W.D. Burke, Nelson; Nov. 1985

(Based on visits Nov. 1985, March 1989) (revised Apr. 1986,

Oct. 1988

May 1990

Oct. 1992)

(unc) - uncommon

+ not listed by Walls (1984)

GYMNOSPERMS

- Dactyctenium dactyloides*
- Dactyloctenium cupressinum*
- Podocarpus totara* s.s.
- Prumnopitys taxifolia*

MONOCOT TREES

- Cordyline australis*

DICOT TREES

- + *Alectryon excelsus* var. *excelsus* (unc)
- Aristotelia serrata*
- Beilschmiedia tawa*
- Carpodetus serratus*
- + *Elaeocarpus hookerianus* (unc)
- + *Fuchsia excorticata* (unc)
- + *Hedycahya arborea* (unc)
- Lophomyrtus bullata*
- L. obtusata*
- + *L. bullata* x *L. obtusata* (unc)

- + *Weinmannia racemosa* var. *racemosa* (unc)
- Melicope ramiflora* ssp. *ramiflora*
- Myrsine australis*
- + *Noltofagus menziesii* (juv.) (unc)
- N. solandri* var. *solandri*
- Pennantia corymbosa* (unc)
- Pittosporum eugenioides*
- P. tenuifolium* ssp. *tenuifolium*
- Plagianthus regius* var. *regius*
- Pseudopanax crassifolius*
- Schefflera digitata*
- Sophora microphylla*
- Streblus heterophyllus*

DICOT SHRUBS

- Brachyglottis repanda* s.s. (unc)
- Carmichaelia* sp. (subgenus *Carm.*)
- Coprosma areolata*
- C. grandifolia* (unc)
- + *C. linariifolia* (unc)
- C. propinqua* ssp. *propinqua*
- + *C. rhamnoides* (incl. *C. polymorpha*)

- + *C. rigida*
- C. robusta* (unc)
- + *C. rotundifolia*
- + *C. tubra*
- + *C. propinqua* X *C. robusta* (unc)
- + *Fuchsia excorticata* X *F. perscandens* (unc)
- + *Hebe gracillima* (unc)
- + *Korthisella lindasayi* s.s. (unc)
- Melicope simplex*
- Melicotus micranthus* (incl. *M. m.* var. *microphyllus*)
- + *M. m.* X *M. ramiflorus* (unc)
- Pseudopanax anomalus*
- Pseudowintera colorata* (unc)
- + *Teuclidium parvifolium* (incl. *T. p.* var. *luxurians*) (unc)
- Urtica ferox*
- + *U. f.* X *U. sp.* (unc)

FERNS

- + *Adiantum cunninghamii* (unc)
- Cyathea dealbata*
- C. smithii* (unc)
- Asplenium bulbiferum*
- A. flaccidum*
- + *A. hookerianum* (unc)
- + *A. terrestre* ssp. *terrestre* (unc)
- + *A. bulbiferum* X *A. hookerianum* (unc)
- + *Blechnum chambersii*
- + *B. membranaceum*
- B. minus* (unc)
- + *B. sp.* (unnamed) (common lowl. sp.) (unc)
- + *B. chambersii* X *B. membranaceum*
- + *Dicksonia fibrosa*
- + *D. squarrosa* (unc)
- + *Diplazium australe*
- Histiopteris incisa*
- + *Hymenophyllum demissum*
- + *H. sanguinolentum* agg.
- Hypolepis ambigua*
- + *Lastreopsis glabella* (unc)
- Leptopteris hymenophylloides*
- + *Paesia scabretula* (unc)
- + *Pellaea rotundifolia*
- Phymatosorus pustulatus*
- Pneumatopteris pennigera*
- Polystichum richardii*
- P. vestitum*
- Pteridium esculentum*
- Rytidosia elegniifolia*
- + *Rumohra adiantiformis* (unc)

DICOT LIANES

- + *Clematis foetida* (unc)
- + *C. paniculata* (unc)
- + *Fuchsia perscandens* (unc)
- Metrosideros diffusa* (unc)
- Muehlenbeckia australis*
- Parsonsia heterophylla* (unc)
- + *Passiflora tetrandra* (unc)
- Robus schmidelioides* (Walls 1984)

MONOCOT LIANES

- + *Ripogonum scandens* (Jov.) (unc)

ORCHIDS

- Corybas trilobus* s.s. (unc)
- + *Earina autumnalis* (unc)
- + *E. mucronata* s.s. (unc)
- Pterostylis banksii* (Walls 1984)

GRASSES

- Microlaena avenacea*
- + *M. stipoides* (unc)
- + *Rytidosperma gracile*

SEDGES AND RUSHES

- + *Carex forsteri* (unc)
- + *C. lambertiana*
- + *C. solandri*
- + *C. virgata*
- + *Iscolepis reticularis* (unc)
- + *Uncinia banksii* (unc)
- + *U. uncinata*
- + *Luzula picta* s.s. (unc)

MONOCOT HERBS OTHER THAN

ORCHIDS, GRASSES, SEDGES

- + *Arthropodium candidum* (unc)
- + *Dianella nigra*
- + *Libertia ixioides* (unc)

DICOT HERBS OTHER THAN COMPOSITES

- + *Acaena anserinifolia*
- + *Australina pusilla*
- + *Cardamine* sp. (i) (aff. *C. corymbosa*) (unc)
- + *C.* sp. (ii) (*C. debilis* agg.) ("Long Style" of Pritchard 1957)
- + *C.* sp. (iii) (*C. debilis* agg.) ("Glossy Leaf" of Pritchard 1957)

- + *Epilobium nummulatifolium* (unc)
- + *Haloragis erecta* ssp. *erecta* (unc)
- + *Hydrocotyle elongata*
- + *H. heteromeria*
- + *Oxalis exilis*
- + *Stellaria decipiens* (incl. *S. parviflora*) (unc)
- + *Wahlenbergia rupestris* (unc)

COMPOSITE HERBS

- + *Cotula australis* (unc)
- + *Senecio hispidulus* (unc)
- + *S. minimus* (unc)

No. of species: 117.

REFERENCES

Pritchard, G.G. 1957: Experimental taxonomic studies on species of *Cardamine* Linn. in New Zealand. Trans R. Soc. N.Z. 85: 75-89.

Walls, G. 1984: Scenic and allied reserves of Marlborough Sounds. Biological Survey of Reserves 13.

DOUBTFUL RECORDS

Blechnum nigrum (Walls 1984)
Coprosma crassifolia (Walls 1984)

