INDIGENOUS HIGHER PLANTS (PSILOPSIDS, LYCOPODS, FERNS, GYMNOSPERMS, FLOWERING PLANTS) OF MT RILEY*, RICHMOND RANGE, MARLBOROUGH, 500-1314 M

*Grid ref. NZMS 260 028 682771

A.P. Druce, Wellington, May 1990 (revised July 1991, Oct 1992)
(Based on visit March 1989)

(unc) – uncommon

GYMNOSPERM TREES AND SHRUBS

Dacrydium cupressinum
Libocedrus bidwillii
Podocarpus hallii
P. nivalis (unc)
Prumnopitys ferrugineus

MONOCOT TREES AND SHRUBS

Cordyline banksii

DICOT TREES

Carpodetus serratus
Elaeocarpus hookerianus (unc)
Griselinia littoralis
Metrosideros umbellata
Nothofagus fusca
N. menziesii
N. solandri
N. truncata
Olearia rani var. colorata
Pseudopanax arboreus var. arboreus
P. colensoi s.s. (unc)
P. crassifolius
P. simplex (incl. P.s. var. sinclairii) (unc)
P. sp. (unnamed; included in P. colensoi, as var. ternatus and as var. fiordensis, by Wardle 1968) (unc)
Weinmannia racemosa var. racemosa

DICOT SHRUBS

Brachyglottis adamsii
Cassinia leptophylla var. (C. vauvilliersii)
Coprosma ciliata ssp. ciliata
C. colensoi s.s.
C. foetidissima
C. linariifolia
C. lucida s.s.
C. microcarpa
C. pseudocuneata ssp.
C. rhamnoides (incl. C. polymorpha)

C.sp.(i)(unnamed; included in C. parviflora by Oliver, 1935, and others) (lf undersurface not minutely hairy as is usual in C. parviflora; drupes us. unpigmented, occ. purplish red)
C.sp.(ii)(unnamed)(C.parviflora var. dumosa sensu Allan 1961, non C.p. var. dumosa Cheeseman)
Cyathodes sp.(C. juniperina agg.) (lvs us. <1cm x <1mm)
Dracophyllum longifolium var.
D. uniflorum
Gaultheria antipoda
G.sp.(G.depressa agg.)

Hebe canterburiensis
H. vernicosa
Kunzea ericoides agg.
Leptospermum scoparium
Leucopogon fasciculatus var.
L. fraseri s.s.
Melicytus alpinus s.s. (unc)
Myrsine divaricata s.s.
M. nummularia (unc)
Olearia arborescens (Martin 1932)
O. lacunosa var. lacunosa
Pentachondra pumila
Pimelea gnidia
P. longifolia var. longifolia
Pittosporum rigidum var. (P. crassicaule)
Pseudopanax anomalus (unc)
Pseudowintera axillaris
P. colorata

DICOT LIANES

Metrosideros diffusa (unc)
M. perforata (unc)
Rubus cissoides var. (leaflets broader than in var. cissoides) (unc)

PSILOPSIDS AND LYCOPODS

Tmesipteris elongata (incl. T.e. ssp. robusta)
T. tannensis
Lycopodium fastigiatum
L. scariosum
L. varium (incl. L. billardierei and L. novae-zelandicum)
L. volubile

FERNS

Asplenium flaccidum
A. hookerianum (unc)
A. richardii
Blechnum discolor
B. fluviatile agg.
B. penna-marina
B. procerum
Cyathea colensoi
C. dealbata
C. smithii

Grammitis billardieri
G. givenii (unc)
G. magellanica ssp. nothofageti
G. poeppigiana (unc)
Histiopteris incisa
Hymenophyllum bivalve
H. demissum
H. flabellatum
H. malingii (unc)
H. multifidum
H. tortum
H. rufescens (unc)
H. villosum
Hypolepis millefolium
Paesia scaberula
Phymatosorus pustulatus
Polystichum vestitum
Pteridium esculentum
Pyrrosia eleagnifolia

ORCHIDS

Chiloglottis cornuta (unc)
Corybas trilobus s.s. (unc)
Earina autumnalis (unc)
E. mucronata s.s. (unc)
Thelymitra sp.

GRASSES

Agrostis sp. (unnamed; aff. A. dyeri) (panicle spreading, not contracted as in A. dyeri)
Chionochloa cheesemanii
C. pallens ssp. pallens
Deyeuxia avicklandica
D. avenoides (incl. D. a. var. brachyantha)
Poa breviglumis
P. colensoi
Rytidosperma gracile
R. setifolium

SEDGES

Carex aciculares (unc)
Gahnia pauciflora
Uncinia astonii (unc)
U. caespitosa
U. clavata (unc)
U. droucei (unc)
U. filiformis
U. involuta (unc)
U. rupestris (incl. U. angustifolia)
U. silvestris (incl. U. affinis)
U. sp. (unnamed) (U. affinis sensu Hamlin 1959, non U. riparia var. affinis Col. ex Clarke)

RUSHES

Luzula sp. (L. picta agg.)

MONOCOT HERBS OTHER THAN ORCHIDS, GRASSES, SEDGES, RUSHES

Astelia sp. (unnamed; aff. A. nervosa) (lvs broader than in A. nervosa, not conspicuously white adaxially as in A. nervosa)

Dianella nigra
Luzuriaga parviflora
Phormium cookianum

COMPOSITE HERBS

Anaphalis sp. (Helichrysum bellidioides s.s.)
Brachyglottis sp. (unnamed)
Celmisia haeracifolia var.
C. rutlandii (Martin 1932)
C. spectabilis ssp. spectabilis
Gnaphalium audax
Helichrysum filicaule
Raoulia glabra

DICOT HERBS OTHER THAN COMPOSITES

Acaena anserinifolia
Aciphylla ferox
A. polita var. polita
Anisotome aromatica
Epilobium atriplicifolium s.s. (unc)
E. cockayneanum
E. sp. (E. linnaeoides?) (unc)
Euphrasia monroi
Gentiana corymbifera
Kelleria dieffenbachii
Myosotis sp. (M. australis agg.) (fls very small, white) (unc) < M. sp. (b) (unnamed; included in M. pygmaea, as var. drucei, by Moore 1961) (unc).
> Nertera depressa (incl. N. cunninghamii)
N. sp. (unnamed; aff. N. dichondrifolia) (hairs present on both surfaces of lf, straight, not hooked as in N. dichondrifolia) (unc)
Ranunculus verticillatus
Schizeilema roughii
Stellaria decipiens (incl. S. parviflora)
Wahlenbergia albomarginata var. albomarginata (incl. W. pygmaea var. laxa, W. brockiae, and W. simpsonii)

No. of species: 150.

REFERENCES

Hamlin, B.G. 1959: A revision of the genus Leucina. Dom. Mus. Bull. 19. 106 pp.
Martin, W. 1932: The vegetation of Marlborough. Reprinted from Marlborough Express.
Moore, L.B. 1961: In "Flora of N.Z." Wellington, Government Printer, Vol. 1. 1655 pp.
Oliver, W.R.B. 1935: The genus Coprosma. Bishop Mus. Bull. 132. 207 pp.
Wardle, P. 1968: N.Z. Jl. Bot. 6: 226-36.