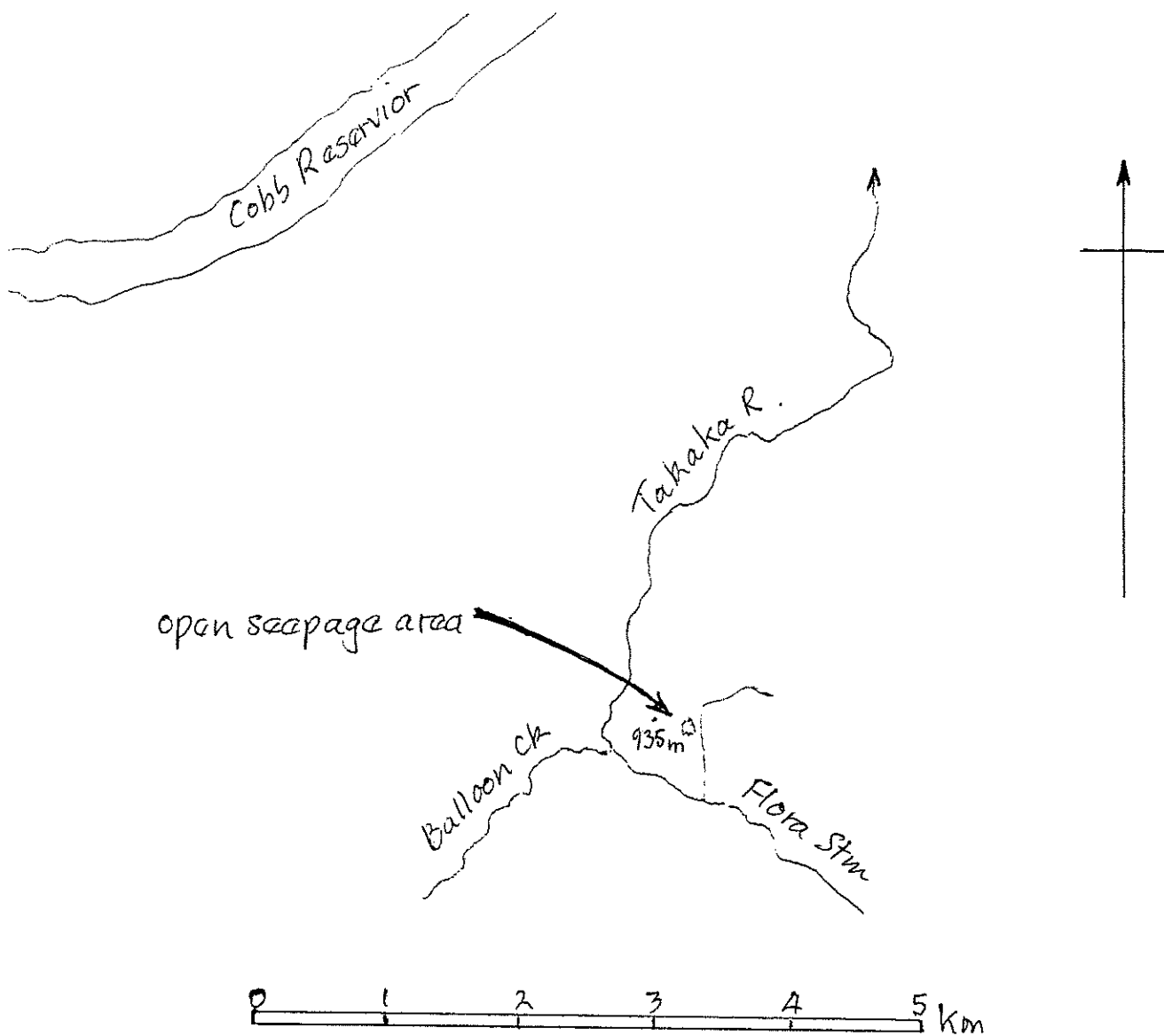


INDIGENOUS HIGHER PLANTS (LYCOPODS, FERNS, GYMNOSPERMS, FLOWERING PLANTS) OF OPEN SEEPAGE AREA† AND SURROUNDING SCRUB AND FOREST ON TERTIARY LIMESTONE PLATEAU, UPPER TAKAKA V., N.W. NELSON, 900-935 M.

†Grid ref. NZMS 260 M27 838050

A.P. Druce, Wellington, April 1992

Based on visit December 1991



(unc) - uncommon

(M) - confined to margin of seepage area

(C) - confined to open seepage area

GYMNOSPERM TREES AND SHRUBS

Halocarpus bidwillii (C)

H. biformis

Lagarostrobos colensoi

Libocedrus bidwillii

Phyllocladus sp. (unnamed; aff.

P. alpinus) ("lowland" ecotype of Wardle 1969)

var. *nummularifolia* (C)

Pittosporum rigidum var. (*P. crassicaule*)

Pseudopanax anomalus

P. crassifolius

P. linearis

P. simplex (incl. *P. sinclairii*)

DICOT TREES AND SHRUBS

Aristotelia fruticosa var. (unc M)

Coprosma propinqua ssp. *propinqua* (M)

C. thamnoides (incl. *C. polymorpha*)

C. rugosa ssp. *rugosa* (C)

C. sp. (unnamed; included in *C. parviflora* by Oliver, 1935, and others) (If undersurface not minutely hairy as is usual in *C. parviflora*; drupes vs. unpigmented, occ. purplish red)

Hebe gracillima (M)

H. odora s.s. (M)

H. vernicosa (unc M)

Leptospermum scoparium

Leucopogon fasciculatus var.

(juv. lvs not much broader than adult lvs)

Metrosideros umbellata

Myrsine divaricata s.s.

Nothofagus menziesii

N. solandri var. *cliffortioides*

Olearia nummularifolia var.

(lvs distinctly longer than broad, rather than suborbicular as in

DICOT LIANES

Rubus schmidelioides var. *schmidelioides*

LYCOPODS

Lycopodium fastigiatum

FERNS

Blechnum penna-martina (C)

Grammitis billardierei

Histiopteris incisa (unc M)

Hymenophyllum multifidum

GRASSES

Microlaena avenacea

Poa imbecilla (C)

SEDGES

Carex dussita (C)

C. gaudichaudiana (C)

C. libera (C)

C. sinclairii (C)

Eleocharis gracilis (C)

Isolepis subtilissima (C)

RUSHES

- Juncus antarcticus* (c)
- J. novae-zelandiae* (c)
- J. pusillus* (c)

MONOCOT HERBS OTHER THAN GRASSES, SEDGES, RUSHES

- Astelia* sp. (unnamed; included in *A. nivicola*, as var. *moticeae*, by Moota 1966)
- Potamogeton* sp. (c)

COMPOSITE HERBS

- Abrotanella caespitosa* (c)
- Gnaphalium laterale* (c)
- G. polylepis* (c)
- Lagenifera petiolata* (c)
- L. pumila* (c)
- Leptinella* sp. (unnamed; included in *L. squalida*, as ssp. *mediana*, by Lloyd and Webb, 1987) (c)
- Raoulia glabra* (c)

- Gonocarpus aggregatum* (c)
- Hydrocotyle heteromera*
- H. sp. (i)* (unnamed; included in *H. moschata*, as var. *parviflora*, by Carse 1929) (c)
- H. sp. (ii)* (unnamed; included in *H. novae-zelandiae*, as var. *montana*, by Kirk 1899)
- Mazus radicans* (c)
- Montia fontana* s.s. (c)
- Oreomyrrhis* sp. (aff. *O. ramosa*) (c)
- Oursia modesta* (M)
- Oxalis magellanica* (c)
- Plantago raoulii* (c)
- P. triandra* s.s. (c)
- Pratia angulata* agg. (c)
- Ranunculus toyi* (c)
- R. simulans* (c)
- Schizeilema nitens* (c)
- Viola cunninghamii* (c)
- V. lyallii* (c)

No. of species: 74.

DICOT HERBS OTHER THAN COMPOSITES

- Acaena anserinifolia* (c)
- Cardamine* sp. (i) (aff. *C. corymbosa*) (c)
- C. sp. (ii)* (*C. debilis* agg.) ("Glossy leaf" of Pritchard 1957) (c)
- Epilobium komarovianum* (c)
- E. sp.* (unnamed; included in *E. brunnescens*, as ssp. *minutiflorum*, by Raven and Engelhorn, 1971) (c)
- Galium perpusillum* s.s. (c)

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