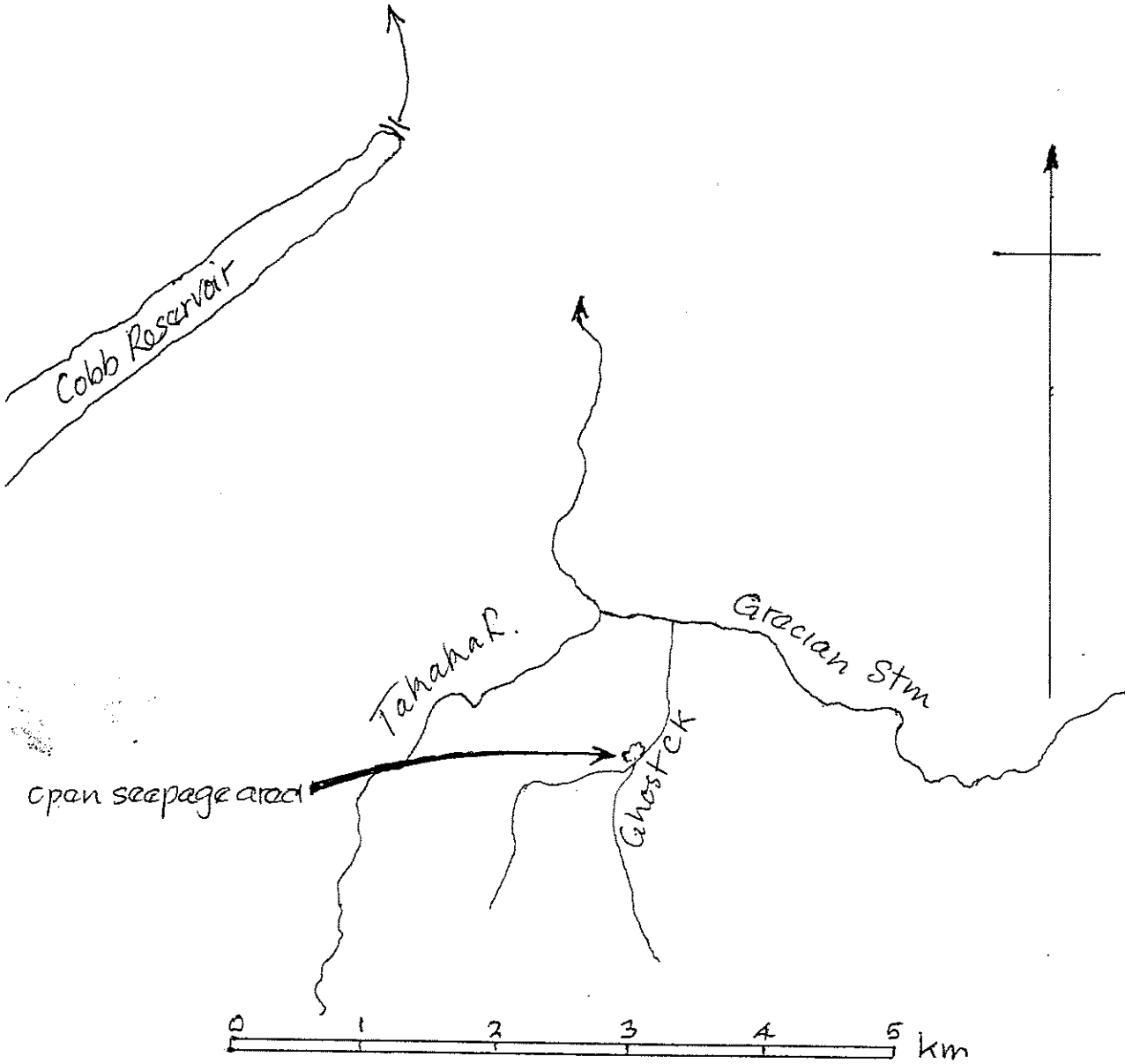


INDIGENOUS HIGHER PLANTS (LYCOPODS, FERNS, GYMNO-  
SPERMS, FLOWERING PLANTS) OF OPEN SEEPAGE AREA ON  
ULTRAMAFIC ROCKS, GHOST STM, UPPER TAKAKA V.,  
N.W. NELSON, 740 M

Grid ref. NZMS 260 MZT 856067

A.P. Druce, Wellington, April 1992 (revised Aug. 1992)

Based on visits Apr. 1989 and Nov. 1991



(unc) - uncommon

**GYMNOSPERM TREES AND SHRUBS DICOT LIANES**

Phyllocladus sp. (unnamed; aff. P. alpinus) ("lowland" ecotype of Wardle 1969) *Rubus schmidelioides* var. *Schmidelioides* (unc)

**DICOT TREES AND SHRUBS**

*Carpodetus serratus* (unc)  
*Coprosma foetidissima*  
*C. propinqua* ssp. *propinqua*  
*C. pseudocuneata* ssp. (lvs narrower than in ssp. *pseudocuneata*)  
*C. thamnoides* (incl. *C. polymorpha*)  
*C. rugosa* ssp. *rugosa*  
*C. sp.* (unnamed; included inc. *parviflora* by Oliver, 1935, and others) (If undersurface not minutely hairy as is usual in *C. parviflora*; drupes vs. unpigmented, occ. purplish red)

*Elaeocarpus hookerianus* (unc)  
*Gaultheria antipoda* x *G. sp.* (unnamed; included in *G. depressa*, as var. *novae-zealandiae*, by Franklin 1962) (unc)  
*Griselinia littoralis* (unc)  
*Hebe gracillima*  
*Myrsine divaricata* s.s.  
*Nothofagus manziesii*  
*N. solandri* var. *cliffortioides*  
*Pseudopanax anomalus*  
*Pseudowintera colorata*

**LYCOPODS**

*Lycopodium fastigiatum* (unc)

**FERNS**

*Blechnum fluviatile* agg.  
*B. penna-matina*  
*B. procerum*  
*Grammitis magellanica* ssp. *nothofageti*  
*Hymenophyllum multifidum*  
*H. villosum*  
*Hypolepis millefolium*  
*Polystichum vestitum* (unc)

**ORCHIDS**

*Pterostylis sp.* (unc)

**GRASSES**

*Agrostis personata*

**SEDGES**

*Carex dissita*  
*Eleocharis gracilis*  
*Isolepis caligenis*  
*I. subtilissima*

**RUSHES**

*Juncus antarcticus*  
*J. gregiflorus*  
*J. novae-zelandiae*

**MONOCOT HERBS OTHER THAN  
/ORCHIDS, GRASSES, SEDGE, RUSHES/**

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

*Luzuriaga parviflora*  
*Potamogeton* sp.

**COMPOSITE HERBS**

*Anaphalis* sp. (*Helichrysum bellidioides* s.s.)  
*Craspedia minor* var. *minor* (incl. *C. major*)  
*Gnaphalium laterale*  
*Lagenifera pumila*  
*Leptiniella* sp. (unnamed; included in *L. squalida*, as ssp. *mediana*, by Lloyd and Webb, 1987)

*Hydrocotyle* sp.(i) (unnamed; included in *H. novae-zelandiae*, as var. *montana*, by Kirk 1899)  
*H.* sp.(ii) (unnamed; included in *H. moschata*, as var. *parvifolia*, by Carse 1929)

*Montia fontana* s.s. (unc)  
*Nerteta depressa* (incl. *N. cunninghamii*)

*Oreomyrrhis* sp. (aff. *O. ramosa*)  
*Ourisia lactea* ssp. *lactea*

*Oxalis magellanica*  
*Pratia angulata* agg.  
*Ranunculus glabrifolius*  
*R. membranifolius*  
*R. simulans*  
*R.* sp. (cf. *R. foliosus* and *R. royi*)  
*Schizalema nitens* (unc)  
*Viola lyallii*

No. of species: 64.

References

- Carse, H. 1929: T.N.Z.I. 59: 315-6.  
 Franklin, D.A. 1962: T.R.S.N.Z. Bot. 1: 155-73.  
 Kirk, T. 1899: The Students Flora N.Z.  
 Lloyd, D.G.; Webb, C.J. 1987: N.Z. J.L. Bot. 25: 99-105.  
 Pritchard, G.G. 1957: T.R.S.N.Z. 85: 75-89.  
 Raven, P.H.; Engelman, T. 1971: N.Z. J.L. Bot. 9: 345-50.  
 Wardle, P. 1969: N.Z. J.L. Bot. 7: 76-95.

**DICOT HERBS OTHER THAN COMPOSITES**

*Acaena ansetinifolia* (unc)  
*Cardamine* sp. (*C. debilis* agg.) ("Glossy Leaf" of Pritchard 1957)  
*Epilobium brunnescens* s.s. (unc)  
*E. komarovianum*  
*E. nertteroides*  
*E. pedunculare* s.s. (unc)  
*E.* sp. (unnamed; included in *E. brunnescens*, as ssp. *minutiflorum*, by Raven and Engelman, 1971) (unc)

