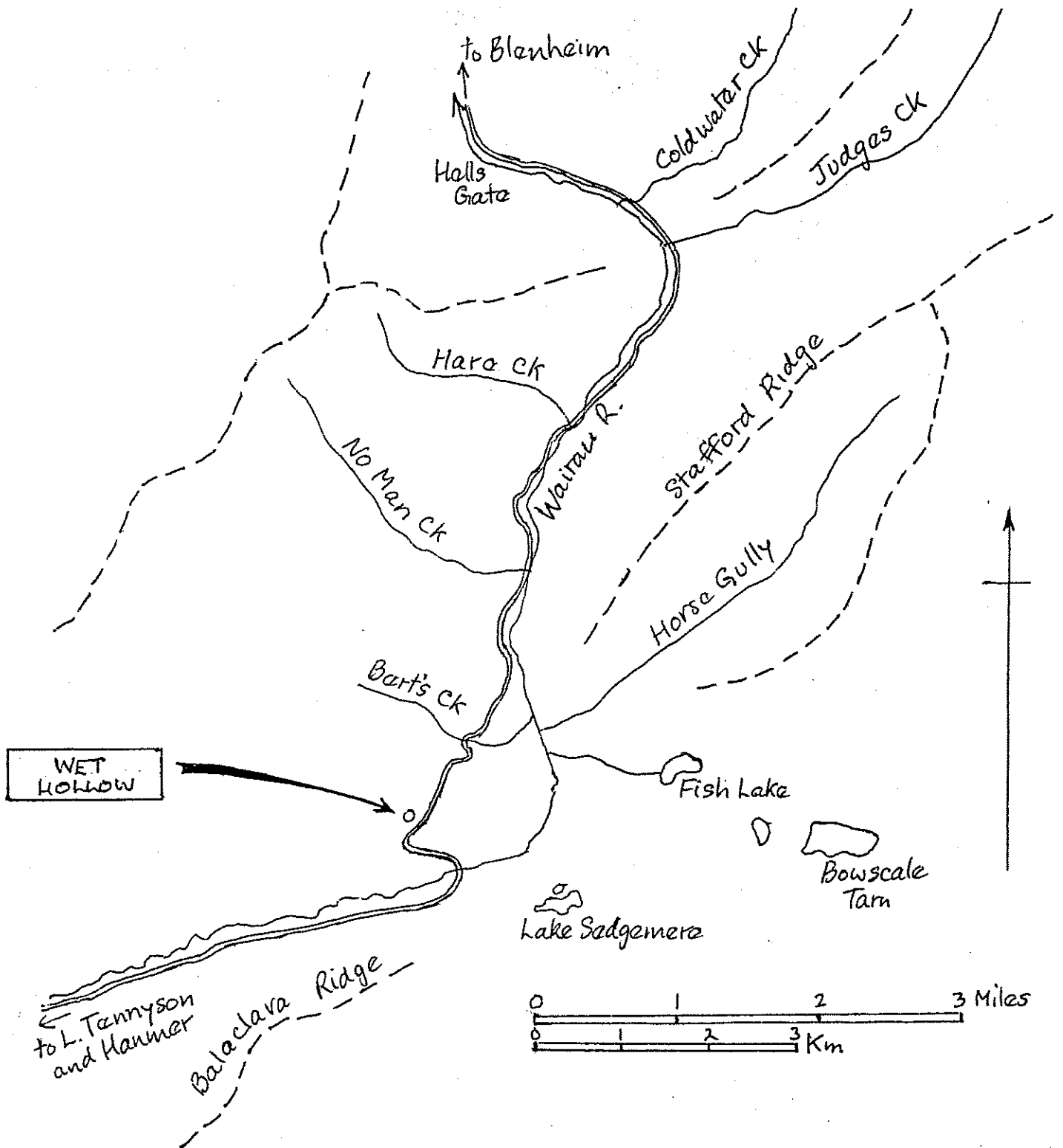


(294) 17  
VASCULAR PLANTS (FERNS, FLOWERING PLANTS) OF WET  
HOLLOW (PERIODICALLY FILLED WITH WATER), UPPER WAIRAU V.,  
NELSON

A.P. Druce, Wellington; and P.B.J. Molloy, Botany Division,  
D.S.I.R., Lincoln; April 1987 (revised Oct. 1988, Aug. 1990,  
May 1991, March 1992)

† Grid. ref. S40 261263; alt. 1080m/3550ft  
Based on visits Jan. 1976, March 1987, Jan. 1991, Nov. 1991)



2

INDIGENOUS PLANTS

DICOT SHRUBS

*Coprosma atropurpurea*  
*Leucopogon suaveolens* (incl. *Cyathodes colensoi*)  
*L. sp.* (unnamed; included in *L. fraseri*, as var. *muscosus*, by Simpson 1945)  
*Muehlenbeckia axillaris*

FERNS

*Ophioglossum coriaceum* agg.

GRASSES

*Agrostis muscosa*  
*Chionochloa tubra* ssp. (margin)  
*Deschampsia novae-zelandiae*  
*Lachnagrostis sp.* (unnamed)  
(*L. filiformis* var. *semiglabra*)  
*Poa colensoi*  
*P. lindsayi*

SEDGES

*Carex colensoi*  
*C. gaudichaudiana*  
*C. muelleri*  
*C. resectans*  
*C. sinclairii*  
*Eleocharis acuta*  
*Schoenus pauciflorus* s.s. (= "slender form" of Edgar 1970, p. 194)

RUSHES

*Luzula sp.* (unnamed; aff. *L. tufa*) (stoloniferous; inf. head smaller than in *L. tufa*)  
*L. sp.* (ii) (unnamed)

MONOCOT HERBS OTHER THAN

GRASSES, SEDGES, RUSHES

*Bulbinella hookeri* (margin)

COMPOSITE HERBS

*Celmisia sp.* (unnamed; aff. *C. gracilenta*) (plants strongly rhizomatous)

*Craspedia sp.* (i) (unnamed)

*C. sp.* (ii) (unnamed) (margin)

*Gnaphalium traversii*

*Leptinella pusilla*

*Microseris scapigera* var. unnamed

*Pseudognaphalium sp.* (i) (aff. *P. luteoalbum*) (mountain sp.; lvs mostly oblong-spathulate to narrowly oblong, rounded; involucre bracts light brown)

*P. sp.* (ii) (plants small, depressed, much branched, gray) (included in *Gnaphalium luteoalbum*, as var. *compactum*, by Kirk 1899)

DICOT HERBS OTHER THAN COMPOSITES

*Anisotome aromatica*

*Galium sp.* (unnamed; aff. *G. perpusillum*) (plants forming a moss-like turf; lvs narrowly elliptic, rounded to subacute)

*Cardamine sp.* (i) (aff. *C. corymbosa*)

*C. sp.* (ii) (unnamed; aff. *C. corymbosa*) (plants small; stems and petioles clad in hispid hairs; lvs simple or pinnate; fls up to 2mm diam. solitary; siliques c. 1cm long)

*Colobanthus apetalus* (incl. *C. a. var. alpinus*)

*Crassula sinclairii*

*Epilobium angustum*

(top 3)

ADVENTIVE PLANTS

Galium (from p. 2)

Gentiana sp. (unnamed; aff. G. montana) (us. biennial, occ. perennial; us. much branched from the base)

Geranium sessiliflorum var. novae-zealandiae

Gonocarpus micranthus ssp. micranthus

Hydrocotyle sulcata

H. sp. (unnamed; included in H. novae-zealandiae, as var. montana, by Kirk 1899)

H. sulcata X H. sp. (?)

Hypsela rivalis

Lilaeopsis ruthiana

Limosella lineata

Netteta setulosa

Oreomyza sp. (unnamed; included in O. colensoi, as var. delicatula, by Allan 1961)

1) Plantago triandra s.s.

Pratia angulata agg.

Ranunculus sp. (unnamed; included in R. lappaceus, as var. macrophyllus, by Kirk 1899)

2) Rumex flexuosus

Scleranthus brockiei

Stackhousia minima

Viola cunninghamii

1 Oxalis exilis

2 Schizaelema nitens

DICOT SHRUBS

Rosa rubiginosa

GRASSES

Agrostis capillaris

Anthoxanthum odoratum

Festuca nigrescens

Holcus lanatus

Poa pratensis

SEDGES

Carex ovalis

RUSHES

Juncus articulatus

J. bufonius

J. effusus

J. tenuis

COMPOSITE HERBS

Crepis capillaris

Hypochoeris radicata

Pilosella officinarum

DICOT HERBS OTHER THAN COMPOSITES

Cerastium fontanum ssp. vulgare

Hypericum perforatum

Prunella vulgaris

Rumex acetosella

Sagina procumbens

(cont. on p. 4)

Trifolium dubium  
T. repens  
Veronica setpyllifolia

No. of indigenous species: 55.

No. of adventive species: 22.

#### REFERENCES

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- Edgar, E. 1970: In "Flora of New Zealand." Government Printer, Wellington. Vol. 2. 354 pp.
- Kirk, T. 1899: "The Students' Flora of New Zealand." Government Printer, Wellington. 408 pp.
- Simpson, G. 1945: Notes on some New Zealand plants and descriptions of new species (No. 4). Trans. R. Soc. N.Z. 75: 187-202.
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