

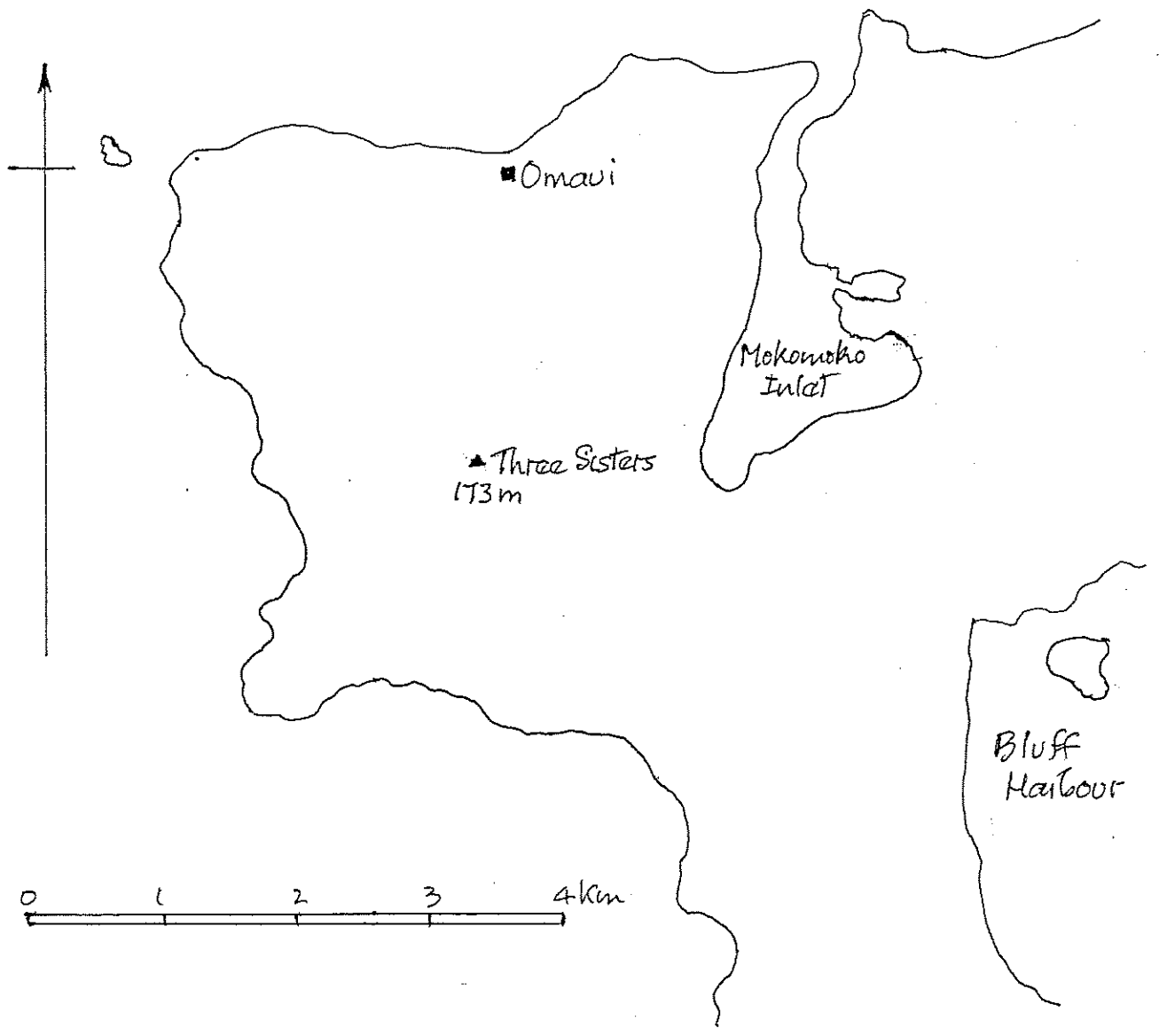
INDIGENOUS HIGHER PLANTS (LYCOPODS, FERNS, GYMNOSPERMS,
FLOWERING PLANTS) OF OMAUI PENINSULA, INVERCARGILL,
S.L. TO 170 M.

Grid ref. of highest point (Three Sisters)
NZMS 260 E47 458973

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Based on visits April 1987 and March 1991



Gymnosperm Trees and Shrubs

- Dacrycarpus dactyloides*
- Dacrydium cupressinum*
- Podocarpus hallii*
- Prumnopitys ferruginea*

- Coprosma acerosa* ssp.
- C. areolata*
- C. colensoi* ss.
- C. foetidissima*
- C. lucida* ss.
- C. propinqua* ssp. *propinqua*

Monocot Trees and Shrubs

- Cordyline australis*

- [*C. repens* - adventive]
- C. thamnoides* (incl. *C. polymorpha*)
- C. rotundifolia*
- C. sp. (i)* (unnamed; aff. *C. intertexta*) (prostrate or lianoid shrubs)

Dicot Trees

- Aristotelia serrata*
- Carpodetus serratus*
- Elaeocarpus hookerianus*
- Griselinia littoralis*
- Melicytus lanceolatus* (incl. *M. l.* var. *latior*)
- Metrosideros umbellata*
- Myrsine australis*
- Pennantia corymbosa*
- Pittosporum eugenioides*
- P. tenuifolium*
- Pseudopanax crassifolius*
- P. simplex* (incl. *P. s.* var. *sinclairii*)
- P. sp.* (unnamed; included in *P. colensoi*, as var. *fiordense* and as var. *ternatus*, by Wardle 1968)
- Schefflera digitata*

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

- Cornaria sarmentosa*
- Corollia cotoneaster* var. *cotoneaster*
- Cyathodes* sp. (*C. juniperina* agg.) (lvs vs. >1cm x >1mm, up to 1.5cm x 2.5mm)
- Discaria toumatou*
- Dracophyllum longifolium* var. *long.*
- Gaultheria macrostigma*
- Hebe elliptica* var. *elliptica*
- H. salicifolia* var. *salicifolia*
- Leptospermum scoparium*
- Leucopogon fraseri* s.s.
- Melicope simplex*
- Melicytus alpinus* s.s.
- Neomyrtus pedunculata*

Dicot Shrubs

- Brachyglottis rotundifolia* var. *rotundifolia*
- Cassinia vauvilliersii*

Olearia arborescens
O. arvicenniifolia
O. nummulatifolia var. (lvs distinctly longer than broad, rather than suborbicular as in var. *nummulatifolia*)

Pimelea lyallii
P. sp. (cf. *P. urvilleana*)
P. lyallii x *P. cf. urvilleana*
Plagianthus divaricatus
Pseudowintera colorata
Solanum laciniatum

MONOCOT LIANES

Ripogonum scandens

DICOT LIANES AND RELATED

TRAILING PLANTS

Calystegia soldanella
C. fuguiflorum
Clematis paniculata
Fuchsia perseandens
Metrosideros diffusa
Muehlenbeckia australis
M. complexa
Patersonia heterophylla
Rubus australis
R. cissoides var. (leaflets broader than in var. *cissoides*)
R. schmidelioides var.
Tetragonia tetragonioides
T. trigyna

LYCOPODS AND PSILOPOIDS

Lycopodium varium (incl. *L. billardierei* and *L. novae-zelandicum*)
L. volubile
Tmesipteris tannensis

FERNS

Asplenium bulbiferum
A. flaccidum
A. lyallii
A. obtusatum s.s.
A. terrestre ssp. *terrestre*
A. flaccidum x *A. lyallii*
Blechnum banksii (incl. *B. dutum*)
B. chambetsii
B. discolor
B. fluviatile agg.
B. minus
B. penna-marina
B. procerum
B. sp. (unnamed) (common lowland sp.; lower pinnae reduced in length)
Ctenopteris heterophylla
Cyathea smithii
Dicksonia squarrosa
Grammitis billardierei
Histiopteris incisa
Hymenophyllum demissum
H. dilatatum
H. flabellatum
H. multifidum
H. ratum
H. revolutum
H. sanguinolentum agg.

Hypolepis sp.
Paesia scaberula
Phymatosorus pustulatus
Polystichum vestitum
Pteridium esculentum
Pyrosia eleagnifolia
Rumohra adiantiformis

ORCHIDS

Corybas tivularis
Dendrobium cunninghamii
Eria autumnalis
E. mucronata s.s.
Microtis oligantha
M. uniflora

GRASSES

Austrofestuca littoralis
Chionochloa conspicua ssp.
conspicua
C. rubra ssp. *cuprea*
Cortaderia richardii
Dichelachne crinita
Heterochloa redolens
Lachnagrostis lyallii
Microlaena avenacea
Poa cita ssp. (lvs narrow,
 folded)
P. pusilla

Rytidosperma gracile

SEDGES

Baumea tenax
Carex appressa
C. breviculmis
C. comans
C. coriacea
C. dipsaccea var. *dipsaccea*
C. flagellifera
C. flaviformis
C. fretalis
C. geminata
C. pumila
C. testacea s.s.
C. trifida
C. virgata
Desmoschoenus spiralis
Eleocharis acuta
E. gracilis
Isolopis cernua
I. nodosa
Lepidosperma australe
Schoenus concinnus
S. maschalinus
Uncinia rubra
U. uncinata

RUSHES AND ALLIED PLANTS

Juncus gragiflorus
J. pallidus
Leptocarpus similis
Luzula sp. (unnamed; included
 in *L. banksiana*, as var. *acta*,
 by Edgar 1966)

MONOCOT HERBS OTHER THAN
ORCHIDS, GRASSES, SEDGES, RUSHES
AND ALLIED PLANTS

Astelia fragrans
Libertia ixioides
L. petegrinans
Luzuriaga parviflora
Phormium tenax
Triglochin striata

COMPOSITE HERBS

Anaphalis hookeri
A. sp. (*Helichrysum bellidoides* s.s.)
Brachyscome radicata
Celmisia sp. (unnamed; aff. *C. gracilentata*) (plants tufted; lvs very long and narrow, up to 90cm tall)
Cotula coronopifolia
Gnaphalium avdax
G. limosum (?)
G. polylepis
G. trahinicum
Helichrysum filicaule
Lagenifera petiolata
L. pomila
Leptinella dioica ssp. *dioica*
L. dispersa ssp. *dispersa*
L. traillii ssp. *pulchella*
Pseudognaphalium sp. (unnamed; aff. *P. luteoalbum*)

Raoulia beauverdii
R. glabra
R. sp. (unnamed; aff. *R. hookeri*)
Senecio biserratus (?)
S. glomeratus
S. minimus
S. waitavensis

DICOT HERBS OTHER THAN
COMPOSITES

Acaena auserinifolia
A. microphylla var. *pauciglochidiata*
Apium prostratum var.
A. sp. (unnamed) (plants slender)
Callitriche pethei (?)
Cardamine corymbosa
Centella uniflora
Chenopodium glaucum ssp. *ambiguum*
Colobanthus apetalus (incl. *C. a.* var. *alpinus*)
C. muelleri (?)
Crassula moschata
Dichondra brevifolia
Epilobium alsinoides s.s.
E. cinereum
E. insulare
E. komarovianum
E. linnaeoides
E. natteroides
Euphrasia repens
Galium perpusillum s.s.
G. propinquum

- Gentiana grisebachii*
- G. saxosa*
- G. sp.* (unnamed; aff. *G. microphyllum*)
- Geranium sessiliflorum* var. *arenarium*
- Glossostigma elatinoides* (?)
- Gonocarpus aggregatus*
- Gratiola sexdentata*
- Gunnera hamiltonii*
- G. dentata* var. (*G. arenaria*)
- G. monoica*
- G. protepens*
- Haloragis erecta* ssp. *erecta*
- Hydrocotyle heteromeria*
- H. hydrophila*
- H. microphylla*
- H. novae-zeelandiae* s.s.
- H. sp.* (unnamed; included in *H. novae-zeelandiae*, as var. *montana*, by Kirk 1899)
- Hypericum japonicum* agg.
- Lepidium tenuicaule*
- Lilaeopsis novae-zeelandiae*
- Limosella lineata*
- Linum monogynum*
- Mazus sp.* (unnamed; aff. *M. radicans*) (fls much smaller than in *M. radicans*)
- Mentha cunninghamii*
- Montia fontana* s.s.
- Myosotis pygmaea* s.s.
- M. sp.* (unnamed; included in *M. pygmaea*, as var. *drucei*, by Mootz 1961)
- Nertera balfouriana*

- N. depressa* (incl. *N. cunninghamii*)
 - N. setulosa*
 - N. sp.* (unnamed; aff. *N. dichondrifolia*) (hairs present on both surfaces of lf, straight, not hooked as in *N. dichondrifolia*)
 - Oreomyrrhis sp.* (unnamed) (infls sessile; fls minute)
 - Oxalis exilis*
 - Plantago masoniae*
 - P. raoultii*
 - Pratia angulata* agg.
 - Ranunculus acaulis*
 - R. glabrifolius*
 - R. recens* var.
 - R. reflexus*
 - R. royi*
 - Samolus repens* var. *repens*
 - Sarcocornia quinqueflora*
 - Schizaelema cockaynei*
 - Selliera radicans* agg.
 - Stellaria decipiens* (incl. *S. patri-flora*)
 - Utricularia novae-zeelandiae*
 - Viola cunninghamii*
 - V. filicaulis*
 - Waikentbergia cf. colensoi* (fls small, white)
 - W. congesta*
- No. of species: 247.

References

Edgar, E. 1966: N.Z. J. Bot. 4: 159-84.
 Oliver, W.R.B. 1935: Bull. Bishop Mus. 132.
 Wardle, P. 1968: N.Z. J. Bot. 6: 226-36.