

INDIGENOUS VASCULAR PLANTS IN THE VICINITY OF TAPUAE-O-UEHUKU

BETWEEN AWATERE AND CLARENCE VALLEYS, INLAND KAIKOURA RA.,
1000-9465 FT (300-2885 M)

[†]Grid ref. S 35 960408; alt. 9465 ft (2885 m)

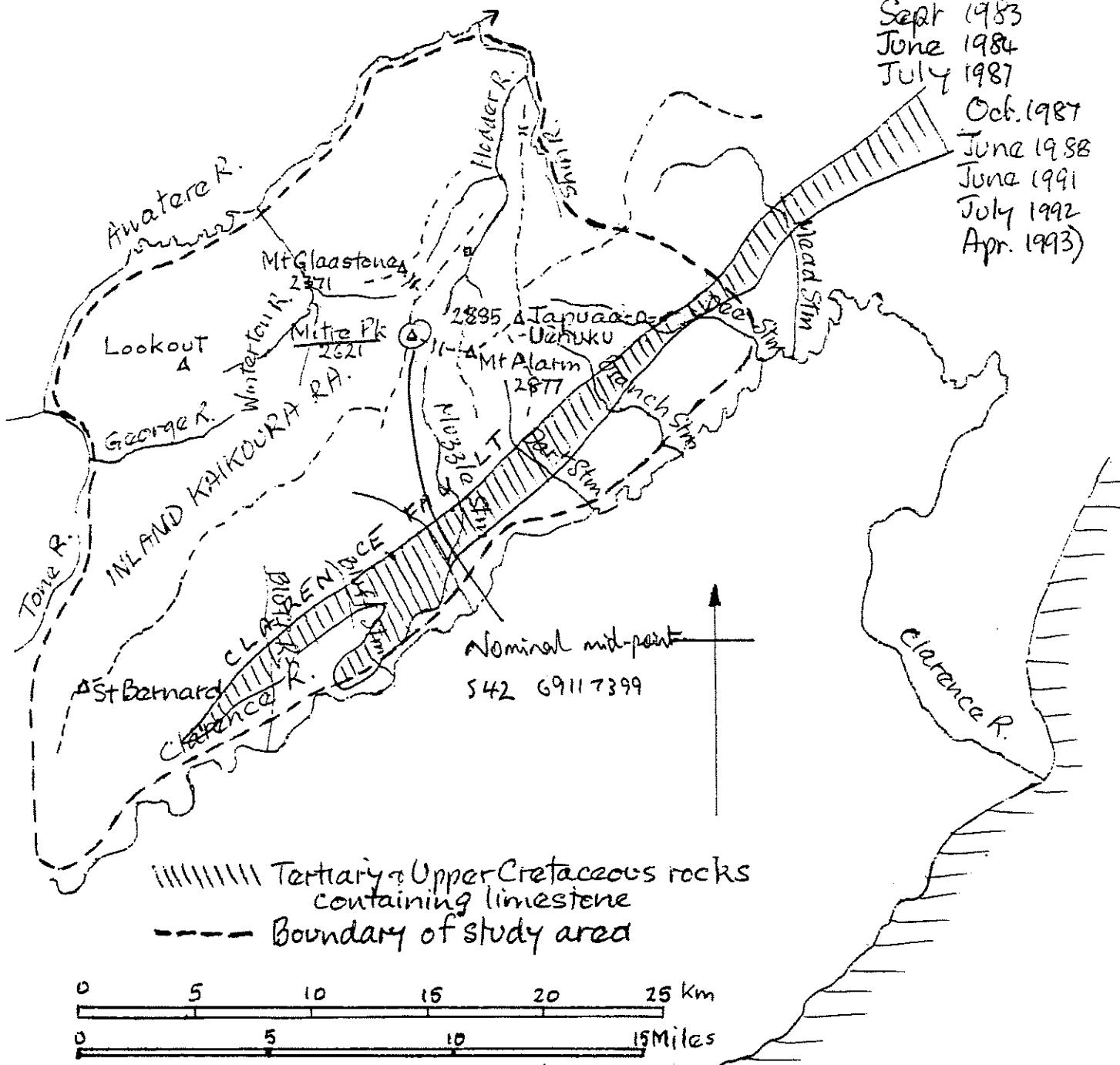
A.P. Druce, Botany Division, D.S.I.R., June 1975

(revised July 1976, May 1977, June 1979, May 1980, April 1981

(Based on visits 1944, 1974, 1981, 1983)

(Additions by P.A. Williams, Botany
Division, D.S.I.R., Nelson)

May 1981
June 1981
Nov. 1981
May 1983
Sept 1983
June 1984
July 1987
Oct. 1987
June 1988
June 1991
July 1992
Apr. 1993)



^s — voucher specimen collected

(unc) — uncommon or local

GYMNOSPERM TREES AND SHRUBS

- ^s *Phyllocladus alpinus* s.s.
- Podocarpus hallii*
- P. nivalis*
- P. hallii* × *P. nivalis*

DICOT SHRUBS

- ^s *Aristotelia fruticosa* var. [= var.(a)]
- ^s *Brachyglottis cassinioides*
- B. monroi* var. *monroi* (incl. *B.m.*)
var. *elongata*)
- Carmichaelia astonii*
- C. montei*
- ^s *C. sp.(i)* (subgrows *Carmichaelia*)
- ^s *C. sp.(ii)* (unnamed) (erect shrubs;
pods 1-1.5cm long) (unc) [= sp. *C. sp.(i)*]
- Cassinia leptophylla* var.
leptophylla
- C. vauvilliersii*

DICOT TREES

- Aristotelia serrata*
- Carpodetus serratus*
- Fuchsia excorticata* (unc)
- Griselinia littoralis*
- Hocheria lyallii* var. *lyallii*
- Nothofagus solandri*
- Olearia paniculata*
- Pittosporum tenuifolium* ssp.
tenuifolium
- Pseudopanax arboreus* var.
arboreus
- P. colensoi* s.s.
- P. crassifolius*
- ^s *P. ferox* (unc)
- Sophora microphylla*
- ^s *Coprosma atropurpurea*
- ^s *C. cheesemanii* s.s. (unc)
- ^s *C. ciliata* ssp. [= ssp.(a)]
- C. crassifolia*
- C. linariifolia*
- C. perpusilla* ssp. *perpusilla*
- C. petriei* (unc)
- C. propinqua* ssp. *propinqua*
- C. thamnobates* (incl. *C. polymorpha*)

[= C.sp.(d)]

- § *C. rigida* (unc)
- C. robusta*
- § *C.* sp. (unnamed; aff. *C. pseudoconcreta*) (low-growing shrubs with small, thick, arcuate lvs) (unc)
- C. propinqua* × *C. robusta* (unc)
- Coriaria arborea*
- C. kingiana*
- C. plumosa* (unc)
- C. sarmentosa*
- C. arborea* × *C. kingiana*
- § *C. kingiana* × *C. sarmentosa*
- Corokia cotoneaster* var. *cotoneaster*
- Cyathodes* sp. (*C. juniperina* agg.)
- (lvs usually < 1cm x < 1mm) [C.sp.a]
- Discaria toumatou*
- § *Dracophyllum longifolium* var. (incl. *D. filifolium* and *D. oliveri*)
- § *D. uniflorum*
- Gaultheria crassa*
- G.* sp. (unnamed; included in *G. depressa*, as var. n.3, by Franklin 1962) [= *G. sp. (a)*]
- § *Hebe carnosula* (unc)
- § *H. cheesemanii*
- H. decumbens*
- § *H. apactidea* var. *apactidea*
- § *H. haastii* var. (*H. ramosissima*)
- H. hulkeana*
- § *H. pimeleoides* s.s. (incl. *H. p.* var. *minor*) (unc)
- § *H. rakaicensis* (unc)
- H. tropicola*
- H. salicifolia* var. *salicifolia*
- H. traversii*
- § *H. venustula* (incl. *H. brachysiphon*)
- § *H.* sp. (unnamed; included in *H. raoulii*, as var. *pentasepala*, by Moore 1961) [= *H. sp. (e)*]
- § *H. carnosula* × *H. decumbens* (unc)
- § *H. decumbens* × *H. rakaicensis* (?)
- (unc)
- Helichrysum aggregatum* var. *aggregatum*
- § *H. coralloides*
- § *H. depressum*
- § *H. parvifolium*
- H.* sp. (unnamed) (fls yellow) [= *H. sp. (b)*]
- § *H. aggregatum* × *Anaphalis* sp. (*Helichrysum bellidioides* ss) (unc)
- H. coralloides* × *H. depressum*
- § *H. c.* × *H. parvifolium* (*H. X selago*)
- H. depressum* × *Ewartia sinclairii* × *Anaphalis* sp. (*Helichrysum bellidioides* ss) (unc)
- H. depressum* × *Raoulia glabra* (unc)
- H. d.* × *Raoulia tenuicaulis* (unc)
- § *H. d.* × *H. parvifolium*
- H. parvifolium* × *Raoulia bryoides* (unc)

[= M. sp. (b)]

Kunzea ericoides agg.

§ *Lepidospermum scoparium* var.
Leucopogon fraseri s.s.
L. suaveolens (incl. *Cyathodes colensoi*)

§ *M. sp.* (unnamed; aff. *M. alpinus*) (low-growing, ^{rhizomatous} shrubs with recurved spines) branches and narrowly linear-ob lanceolate lvs) (unc)

§ *Malicytus alpinus* s.s.

§ *M. crassifolius* var. (plants erect, up to 1m high; lvs larger than in var. *crassifolius*) (unc) [Ex var. (a)]
Muehlenbeckia astonii (Martin, 1932 and 1938) (Winterton R., 2000 ft)

Myrsine divaricata s.s.

M. nummularia

§ *Notospartium carmichaeliae* (incl. *N. glabrescens*)

Olearia coriacea

§ *O. cymbifolia*

§ *O. odorata*

§ *Pachystegia insignis* s.s.

§ *P. sp.* (*Pachystegia* B" of Molloy and Simpson 1980) [= *P. sp. (b)*]

§ *Pentachondra pumila* (unc)

Pimelea andula

P. concinna

§ *P. oreophila*

§ *P. sericeovillosa*

P. traversii

§ *Pittosporum anomalum* (unc)

Sophora prostrata

S. microphylla X *S. prostrata* (unc)

Traversia baccharoides (unc)

Tupeia antarctica (unc)

DICOT LIANES AND RELATED

TRAILING PLANTS

Clematis afoliata

C. forsteri

§ *C. quadribracteolata*

Convolvulus fractosaxosa

Muehlenbeckia australis

M. axillaris

M. complexa

M. ephedroides

M. australis X *M. axillaris* (unc)

M. a. X *M. complexa* (unc)

M. a. X *M. ephedroides* (unc)

M. axillaris X *M. complexa* (unc)

M. a. X *M. ephedroides* (unc)

M. complexa X *M. ephedroides* (unc)

Parsonsia capsularis

[= var. (a)]

Rubus cissoides var. (leaflets broader than in var. *cissoides*)

R. schmideliooides var. *subpauperatus*

R. squarrosum

[= A.sp.(a)]

Lycopods

§ *Lycopodium australiænum* (unc)
L. fastigiatum

FERNS

Adiantum cunninghamii
Asplenium flabellifolium agg.
A. hookerianum
A. richardii
 § *A. terrestris* ssp. *terrestris*
A. sp. (unnamed; aff. *A. trichomanes*)
Azolla filiculoides (unc)
Blechnum chambersii
B. fluviatile agg. (unc)
B. penna-matina
 § *B. vulcanicum* (unc)
Cheilanthes distans (unc)
C. humilis
Ctenopteris heterophylla
Cystopteris tasmanica
Grammitis billardierei (unc)
G. patagonica
G. pœppigiana (unc)
Hymenophyllum multifidum (unc)
Hypolepis ambigua
H. millefolium
Ophioglossum coriaceum agg.
Pellaea calidirupium
P. rotundifolium

Phymatosorus pustulatus (unc)

§ *Polystichum cystostegia* (unc)
P. richardii
P. vestitum

§ *Pteridium esculentum*
Pyrosia eleagnifolia

ORCHIDS

Corybas macranthus
C. rivularis s.s.
Gastrodia cunninghamii (unc)
Microtis unifolia
Prasophyllum colensoi (unc)
Pterostylis areolata
P. irsoniana
Thelymitra longifolia

GRASSES

§ *Agrostis muelleriana*
 § *A. muscosa* (unc)
 § *A. personata* (unc)
 § *A. sp.* (unnamed; aff. *A. dyeri*) (panicle spreading, not contracted as in *A. dyeri*)
 [= A.sp.(b)]
 § *Chionochloa pallens* ssp. *pilosa*
 § *C. sp.* (unnamed) (*C. flavescens* auct. South Island, non *C. flavescens* Zotov) [= *C. sp.(a)*]
C. pallens X *C. sp.* (unnamed) (unc)
Cortaderia richardii

- \S *Deschampsia novae-zelandiae* *Hierochloe novae-zelandiae*
- \S *Deyeuxia avenoides* (incl. *D.a.* var. (unc)
brachyantha)
- Dichelachne crinita*
- \S *Elymus canysii*
- \S *E. narduroides* (unc)
- E. tenuis*
- \S *E. sp.(i)* (aff. *E. rectisetus*) (lf blade
flat to rolled) [\equiv *E. sp(c)*]
- \S *E. sp.(ii)* (unnamed) (lf blade set-
aceous) [\equiv *E. sp.(d)*]
- H. redolens* (unc)
- \S *Koeleria cheesemanii*
- \S *K. sp(i)* (*K.novo-zelandica* agg) (plants
tufted; lvs upto 3mm wide, flat) [\equiv *K.sp(b)*]
- Lachnagrostis richardii*
- L.sp(ii)* (unnamed; included in *L.*
filiformis, as var. *semiglabra*, by
Zotov 1965) [\equiv *L.sp.(e)*]
- Poa acicularifolia* ssp. *acicularifolia*
- P. breviglumis* (unc)
- \S *P. buchananii*
- P. cita* ssp.
- P. colensoi*
- \S *P. dipsacea*
- \S *P. imbecilla* (unc)
- \S *P. lindsayi*
- \S *P. maniototo* (unc)
- \S *P. matthewsii* (unc)
- \S *P. subvestita*
- \S *P. sp.* (unnamed; aff. *P. novae-zeland-
iae*) (lvs much narrower than in
P. novae-zelandiae) [\equiv *P.sp(c)*]
- Festuca multinodis*
- F. novae-zelandiae*
- \S *F. sp.(i)* (*F. matthewsii* sensu Connor 1968) [\equiv *F. sp.(c)*]
- \S *F. sp.(ii)* (unnamed; aff. *F. rubra*) [\equiv *F. sp.(a)*]
- Rytidosperma australe* (unc)
- R. buchananii*
- R. clavatum*
- R. gracile*
- \S *R. metrum* (unc)
- \S *R. pumilum*

- § *R.setifolium*
 § *R.unarede*
 § *R.pumilum* × *R.setifolium* (unc)

§ *Trisetum spicatum* agg.

- § *T.sp.(i)* (unnamed) (plants slender;
 lf sheath vs. glabrous; lf blade up
 to 2.5 mm wide, margins smooth)
T.sp.(ii) (unnamed; aff. *T.antarticum*)
 (plants robust; lf sheath hairy in
 lower part; lf blade up to 7 mm
 wide, margins scabrid) [= *T.sp.(c)*]

SEDGES

- § *Carex aciculatis* (unc)
 § *C. berggrenii* (unc)
C. breviculmis
C. buchananii
 § *C. colensoi* (unc)
C. comans (unc)
C. coriacea
C. dipsacea var. *dipsacea* (unc)
 § *C. enysii* (unc)
C. flagellifera
C. gaudichaudiana
C. geminata ss.
 § *C. goyenii* (unc)
 § *C. hectorii* (unc)
 § *C. inversa* (unc)
C. macrura
 § *C. muelleri* (unc)
C. petriei
C. respectans (unc)

[= *T.sp.(a)*]

- C.secta* s.s.
C.sinclairii
C.virgata
 § *C.wakatipu* ss.

§ *C.sp.* (unnamed; aff. *C.wakatipu*)
 (robust plants; lvs up to 6mm wide;
 utricles up to 4mm long) [= *C.sp.(i)*]

- Fleocharis acuta* (unc)
E.gracilis (unc)
 § *Isolepis aucklandica*
 § *I.caligenis* (unc)
 § *I.habra* (unc)

§ *Oreobolus pectinatus* (unc)
Schoenus pauciflorus s.s. ("slender form"
 of Edgar 1970, p. 194)
Uncinia divaricata
 § *U.fuscovaginata* var. [= var. (a)]
U.leptostachya

§ *U.sinclairii*
U.uncinata

RUSHES

- Juncus australis*
J.distegus (unc)
J.gregiflorus
J.norae-zelandiae (unc)
 § *J.pusillus* (unc)
Luzula migrata
L.picta ss.
 § *L.pumila*

[=C. sp.(b)]

8

§ *L. tufa* s.s.

L. traversii s.s.

§ *C. sessiliflora*

C. spectabilis ssp. *spectabilis*

§ *C. sinclairii* (incl. *C. callianii* & *C. sinclairii*)

C. sp. (unnamed; aff. C. gracilenta)

(plants strongly rhizomatous) (unc) /

§ *L. sp.(i)* (unnamed; included in *L.* *C. gracilenta* X *C. sessiliflora* (unc))

chinita, as var. *petrieana*, by Edgar 1966) [=L. sp.(b)]

§ *C. g.* X *C. spectabilis* (unc)

C. montoi X *C. spectabilis* (unc)

§ *L. sp.(ii)* (unnamed; included in *L.* *C. sessiliflora* X *C. spectabilis* (unc))

tufa, as var. *albicomans*, by

Edgar 1966) (unc) [=L. sp.(c)]

L. migrata X *L. tufa*

MONOCOT HERBS (OTHER THAN)

ORCHIDS, GRASSES, SEDGES, RUSHES

§ *Arthropodium candidum* (unc)

Libertia ixiooides

Phormium cookianum

Craspedia lanata s.s.

Potamogeton cheesemanii (unc) § *C. minor* var. *minor* (incl. *C. major*)

COMPOSITE HERBS

§ *Anaphalis* sp. (*Helichrysum bellidioides* s.s.) [=A. sp.(a)]

§ *C. sp. (unnamed; included in C. lanata*, as var. *elongata*, by Allan 1961) [=C. sp.(a)]

A. sp. (H. b. s.s.) X *Ewartia sinclairii* (unc)

§ *Dolichoglottis lyallii*

§ *Ewartia sinclairii*

Gnaphalium audax

G. ensifer (unc)

§ *G. laterale* [formerly *G. sp.(c)*]

G. limosum s.s.

§ *G. mackayi* s.s.

§ *G. polylepis* (unc)

G. sphaericum (unc)

§ *G. traversii*

§ *Brachyglottis bellidioides* s.s.

§ *B. lagopus* var. *lagopus*

§ *Brachyscome radicans*

B. sinclairii s.s.

§ *Calmisia bellidioides*

C. cockayneana (Martin 1935)

(Mts Gladstone & Tapuae-o-Uanuku)

C. gracilenta ssp. [= ssp.(a)]

§ *C. montoi* ssp. *montoi*

- R. subsericea*
R. tenuicaulis (incl. *R. t.* var. *dimorpha*
 and *R. t.* var. *pusilla*)
 § *R. sp.* (unnamed) (stems forming
 open patches; lvs rigid, recurved,
 subacute; upper surface grey
 green, lower white) [= *R. sp.* (e)]
 § *Senecio glaucocephalus* ssp.
 (unnamed; aff. ssp. *tca*) [= ssp. (b)]
 § *S. minimus*
 § *S. quadridentatus*
 § *S. waitavensis* (unc)
Taraxacum magellanicum

§ *Lagenifera barketi* (unc)

L. pumila

→ *L. strangulata* (unc)

Leucogenes grandiceps (unc)

Microseris scapigera var.

Pseudognaphalium sp (unnamed;
 aff. *P. luteoalbum*) (lvs mostly oblong-
 spatulate to narrowly oblong-
 rounded) [= *P. sp.* (b)]

§ *Raoulia apicinigra* s.s.

R. australis agg.

R. bryoides

§ *R. cinerea* (unc)

R. glabra

R. grandiflora var. *grandiflora*

§ *R. parkii*

§ *Leptinella dandyi*

§ *L. dioica* ssp. *dioica* (unc)

§ *L. pectinata* s.s. (unc)

L. pyrattifolia s.s.

§ *L. serrulata* (unc)

L. sp. (unnamed; included in *L.*

squarrosa as ssp. *mediana*, by Lloyd & Webb, 1987) [= *L. sp.* (b)]

Vittadinia australis agg.

DICOT HERBS (OTHER THAN
 COMPOSITES)

Acaena anserinifolia

§ *A. caesiiglauca*

§ *A. dumicola*

§ *A. fissistipula*

§ *A. glabra*

A. incurva

§ *A. juvencana* [formerly *A. sp.* (e)]

§ *A. profundicisa* (unc)

§ *A. saccaticupula*

- § *Aciphylla aurea*
 § *A. monroi*
A. subflabellata (unc)
 § *A. sp.* (unnamed; aff. *A. glaucescens*) (pinnae rigid) [= *A. sp. (c)*]
- § *Chionohebe pulvinaris*
Colobanthus aciculares
C. affinis
C. apetalus (incl. *C. a. var. alpinus*)
 § *C. buchananii* s.s.
C. canaliculatus (unc)
C. strictus
- Anisotome aromatica*
A. filifolia
 § *A. pilifera* (unc)
A. sp. (unnamed; included in *A.* *imbricata*, as var. *prostrata*, by D. sp. (unnamed) (plants slender, Dawson 1961) [= *A. sp. (b)*]
- Crassula tetramera*
 § *C. multicaulis* (unc)
Daucus glochidiatus
Dichondra repens var.
 fl's small, 4-5 mm diam.) [= *D. sp. (b)*]
- § *Einadia allanii* (unc)
 § *Epilobium angustum* (unc)
E. atriplicifolium s.s.
 § *E. brevipes*
E. brunneascens s.s.
 § *E. chotifolium*
 § *E. cinereum*
E. cockayneum (unc)
 § *E. crassum*
 § *E. forbesii*
 § *E. glabellum* s.s.
 § *E. gracilipes* (unc)
E. hectorii s.s.
 § *E. insulare* (unc)
E. komarovianum (unc)
 § *E. kruckeanum*
E. macroopus
E. melanocaulon
- § *Cardamine bilobata*
C. sp. (i) (*C. debilis* agg.) ("Narrow Petal" of Pitchard 1957) [= *C. sp. (c)*]
 § *C. sp. (ii)* (*C. debilis* agg.)
C. sp. (iii) ("Scree Race" of Pitchard 1957)
C. sp. (iv) (aff. *C. corymbosa*) (unc) [= *C. sp. (a)*]
Cheesemania enysii (Martin 1932, as *Nasturtium enysii*) (Mt Gladstone)
- § *C. fastigiata* (unc)
Chenopodium detestans
 (Martin 1938) (Tapuaero-Uenuku)

- E. microphyllum*
E. heteroides
E. nummulariifolium
E. pictum (unc)
[§]*E. porphyrium*
E. pubens
E. pycnostachyum
E. rostratum
E. rotundifolium
[§]*E. tasmanicum*
E. tenuipes s.s.
[§]*E. wilsonii* (unc)
E. sp.(i) (unnamed; included in *E. brunneascens*, as ssp. *minutiflorum*, by Raven and Engelhorn, 1971) [= *E. sp.(a)*]
E. sp.(ii) (unnamed; aff. *E. glabellum*) (lvs broader than in *E. glabellum*, very glossy; capsules vs. glabrous, rarely with erect non-glandular hairs)
[= *E. sp.(b)*]
- E. atriplicifolium* × *E. pictum*? (unc)
[§]*E. forbsii* × *E. rostratum*
E. glabellum × *E. rostratum*? (unc)
[§]*Euphrasia zelandica* agg. (fls small, 2-3 mm wide)
Galium perpusillum ss.
G. propinquum
- G. trilobum*
G. sp.(i) (unnamed; aff. *G. perpusillum*) (lvs wider than stipules, elliptic-lanceolate; apex rounded to subacute) (unc) [= *G. sp.(b)*]
G. sp.(ii) (unnamed; aff. *G. perpusillum*) (fls larger than in *G. perpusillum*; 4-4.5 mm diam., sweet scented)
[= *G. sp.(a)*]
Gentiana astonii var. *astonii*
G. corymbifera s.s.
[§]*G. grisebachii* (unc)
G. tenuifolia (unc)
[§]*G. sp.* (aff. *G. bellidifolia*) [= *G. sp.(c)*]
-sp. (unnamed; aff. *G. microphyllum*) (unc)
G. sessilifolium var. *novae-zelandiae*
[§]*Geum* sp. (*G. parviflorum* agg.) (stock short; terminal leaflet about as long as broad; fls up to 13 mm diam.) [= *G. sp.(a)*]
[§]*Gingidia decipiens*
G. montana
[§]*G. trifoliolata*
G. decipiens × *G. montana* (unc)
[§]*Gunnera densiflora* (unc)
Haloragis erecta ssp. *erecta*
Hydrocotyle moschata (unc)
H. novae-zelandiae s.s.
H. sulcata (unc)
H. sp. (unnamed; included in *H. novae-zelandiae*, as var. *montana*, by Kirk 1899) [= *H. sp.(a)*]

- Ischnocarpus novae-zelandiae*
(B.C. Aston MS)
- § *Kelleria dieffenbachii*
- Lignocarpus diversifolia*
- Linum monogynum*
- Lobelia roughii*
- Mazus radicans* (unc)
- § *Montia fontana* s.s.
- § *Myosotis macrantha* (unc)
- § *M. traversii* var. *traversii*
- § *M. sp.(i)* (unnamed; included in *M. pygmaea*, as var. *divicei*, by Moore 1961) [= *M. sp.(c)*]
- § *M. sp. (ii)* (*M. australis* agg.) (*M. saxatilis* Petrie 1918, non *M. saxatilis* Pallas 1795) (fls white) [= *M. sp.(d)*]
- § *M. sp. (iii)* (unnamed) (plants forming cushions c. 5 cm diam; lvs spatheolate up to 1 cm long, subacute, upper surface and margins with long spreading hairs, lower surface with few hairs or glabrous; fls solitary, 4-5 mm diam; anthers wholly below corolla scales) (unc) [= *M. sp.(f)*]
- Myriophyllum triphyllum* (unc)
- Neopaxia* sp. (include *Montia calycina* and *Claytonia australisica* var. *biflora*) [= *N. sp.(b)*]
- Nertera ciliata* (unc)
- Notothlaspi australe* s.s. (incl. *N. rosulatum*)
- N. sp. (unnamed)* (*N. australe* avct. non *Thlaspi australe* Hook.f.) (Simpson and Thomson, 1941, as *N. australis*) (Dee Stn) [= *N. sp.(b)*]
- § *Oreomyrtis colensoi* (incl. *O. c.* var. *hispida* and *O. c.* var. *multifida*)
- § *O. ramosa* s.s.
- O. rigida* (unc)
- O. sp. (unnamed)* (hos plants)
- Oxalis exilis*
- O. magellanica*
- Patahebe decora*
- P. lyallii*
- § *P. sp. (unnamed)* (included in *P. cataphactae*, as ssp. *martinii*, by Garnock-Jones and Lang et al., 1980) [= *P. sp.(a)*]
- Plantago lanigera*
- § *P. obconica* (unc)
- P. taculii*
- § *P. tridonta* s.s.
- Pratia angulata* agg.
- § *Psychrophila obtusa* (unc)
- § *Ranunculus foliosus*
- R. cheesemanii* var. *cheesemanii* (unc)
- R. haastii* ssp. *haastii* (unc)
- R. insignis*
- R. reflexus*
- R. sp. (unnamed; included in *R. lappaceus*, as var. *macrophyllus*, by Kirk 1899) [= *R. sp.(c)*]*

- Rumex flexuosus* (unc)
Schizolema nitens
 \S *S. pallidum*
 \S *Scleranthus brockiei* (unc)
S. uniflorus
Stackhousia minima
Stellaria decipiens (incl. *S. patriflora*)
S. gracilenta
 \S *S. roughii*
 \S *Waltonia novae-zelandiae* (St Bernard Spur)
Urtica aspera (Dee R.)
 \S *U. incisa*
Viola cunninghamii
Wahlenbergia albomarginata
 var. *albomarginata* (incl. *W.*
pygmaea var. *laxa*, *W. brockiei*,
 and *W. simpsonii*)
 \S *W. cartilaginea* (unc)
W. rupestris (unc)

No. of species: 447.

Doubtful and erroneous records

- Aciphylla squarrosa* (Williams 1981) [= *A. sp. (unnamed)*]
Anisotome imbricata (Williams 1989) [= *A. sp. (unnamed)*]
Chenopanax flavescent (McGeeen 1954) [= *C. sp. (unnamed)*]
Crassula sphaerocarpa (Williams 1989) [= *C. tetragona*]
Hebe priginifolia (Williams 1981) [= *H. decumbens*]
Ligustrum carnosula (Simpson & Thelston, 1941, as *Anisotome carnosula*)
Olearia virgata (Martin 1932)
Racelia hookeri (Williams 1989) [= *R. parkii*]

REFERENCES

- Allan, H.H. 1961: "Flora of New Zealand." Government Printer, Wellington. Vol. 1. 1085 pp.
- Connor, H.E. 1968: Interspecific hybrids in hexaploid New Zealand Festuca. N.Z. Jl Bot. 6: 295-308.
- Dawson, J.W. 1961: A revision of the genus Anisotome (Umbelliferae). Univ. Calif. Publs Bot. 33: 1-98.
- Edgar, E. 1966: Luzula in New Zealand N.Z. Jl Bot. 4: 159-84.
— 1970: In "Flora of NZ." Govt Printer, Wellington. Vol. 2. 354 pp.
- Franklin, D.A. 1962: The Ericaceae in New Zealand (Gaultheria and Pernettya). Trans R. Soc. N.Z. Bot. 1: 155-73.
- Garnock-Jones, P.J.; Langer, H.J. 1980: N.Z. Jl Bot. 18: 285-98.
- Kirk, T. 1899: "The Students' Flora of New Zealand". Government Printer, Wellington. 408 pp.
- Laing, R.M. 1912: Notes on the botany of the Spenser Mountains, with a list of the species collected. Trans. N.Z. Inst. 44: 60-75.
- Lloyd, D.G.; Webb, C.T. 1987: The reinstatement of Lestinella at generic rank, and the status of the 'Cotulaceae' (Asteraceae, Anthemideae) N.Z. Jl Bot. 25: 99-105
- McQueen, D.R. 1954: Vegetation of the middle Clarence Valley. Bull. Wellington Bot. Soc. 27: 8-13.
- Martyn, W. 1932: "The Vegetation of Marlborough." Reprinted from the Marlborough Express.
— 1935: Species of Celmisia indigenous to Marlborough, with descriptions of new species and varieties. Trans. R. Soc. N.Z. 65: 169-86.
— 1938: Notes on the indigenous flora of Marlborough (New Zealand) with special reference to plant distribution. Trans. R. Soc. N.Z. 67: 414-25.

- Molloy, B.P.J.; Simpson, M.J.A. 1980: Taxonomy, distribution and ecology of Pachystegia (Compositae): a progress report. N.Z. Jl. Ecol. 3: 1-3.
- Moore, L.B. 1961: Boraginaceae and Hibiscus (except Whiptail species). In "Flora of New Zealand". Government Printer, Wgtn. Vol. I. 1085 pp.
- Raven, P.H.; Engelmorn, T. 1971: New taxa and new combinations in Australasian Epilobium (Onagraceae). N.Z. Jl Bot. 9: 345-50.
- Simpson, G.; Thomson, J.S. 1941: Records of plant stations. Trans. R. Soc. N.Z. 71: 82-98.
- Wardle, P. 1968: The taxonomy and distribution of the stipulate species of Pseudopanax in New Zealand. N.Z. Jl Bot. 6: 226-36.
- Williams, P.A. 1981: The middle Clarence Valley revisited. Bull. Wellington bot. Soc. 41: 59-66.
- 1989: Vegetation of the Inland Kaikoura Range. N.Z. Jl Bot. 27: 201-20.
- Zetler, V.D. 1965: Grasses of the Subantarctic island of the New Zealand region. Rec. Dom. Mus. Wellington 5: 101-46.

