

VASCULAR PLANTS ON MT KAPAKAPANUI†, TARARUA RANGE,2200-3600 FT

Biosis G.R.: † Ghd ref. N156/7 688650 ; alt. 3614 ft

A.P. Druce, Botany Division, D.S.I.R., July 1974

(revised June 1975, June 1976, May 1977

June 1979, June 1980

Nov. 1984

Apr. 1985

Aug. 1990

July 1991)

(Based on visits 1946, 1950, 1968, 1969, 1979)

F - in forest

B - in burnt areas, formerly in forest (mostly *Chionochloa*
conspicua tussock land and shrub-tussock land)T - in areas not formerly in forest (mostly *Chionochloa*
flavescens tussock land, shrub-tussock land, and scrub)

unc - uncommon

INDIGENOUS PLANTSGYMNOSPERM TREES*Dactyidium cupressinum* (unc F)*Podocarpus hallii* (unc F)*Prumnopitys ferruginea* (F)*Pseudopanax colensoi* s.s. (unc F)*P. simplex* (incl. *P. s. var. sinclairii*) (F)*Weinmannia tacemosa* var.
tacemosa (F)DICOT SHRUBS*Alseuosmia pusilla* (F)*Brachyglottis kirkii* s.s. (unc F)*B. rotundifolia* var. (*B. elaeagnifolia*)
(unc, F and B)*Coprosma colensoi* s.s. (F, B, T)*C. foetidissima* (F, B, T)*C. grandifolia* (unc F)*C. lucida* s.s. (unc F)[*C. pseudocuneata* ssp. *pseudocuneata* (B, T)*C. parvifolia* ssp. *parvifolia* (unc T)*C. sp.* (unnamed) (*C. parviflora* var.
dumosa Allan 1961, non *C. p. var. dumosa*

Cheeseman 1906) (unc B)

MONOCOT TREES*Cordyline indivisa* (F, B)DICOT TREES*Carpodetus serratus* (unc F)*Elaeocarpus hockleyanus* (unc F)*Fuchsia excorticata* (F)*Griselinia littoralis* (F)*Meliccytus lanceolatus* (incl. *M. l. var. latior*) (unc F)*Myrsine salicina* (F)*Nothofagus fusca* (F)*N. menziesii* (F, B, T)

Cyathodes empetrifolia (B,T)
Dracophyllum longifolium var. (incl.
D. filifolium and *D. oliveri*) (B,T)
Gaulltheria antipoda (unc B)
G. depressa s.s. (B,T)
G. sp. (unnamed; included in *G. depressa*, as
var. *novae-zealandiae*, by Franklin 1962) (B,T)
G. antipoda x *G. depressa* s.s. (unc B)
Myrsine divaricata s.s. (F,B,T)
M. nummulata (unc T)
Neomyrtus pedunculata (unc F)
Oleaia arborescens (unc B)
O. colensoi var. *colensoi* (F,B,T)
O. lacunosa var. (*O. alpina*) (F,B)
Pentachondra pumila (B,T)
Pittosporum rigidum var. *maius* (unc,
F and B)
Pseudopanax anomalus (unc F)
Pseudowintera axillaris (F)
P. colorata (F)

DICOT LIANES

Clomatis paniculata (unc F)
Metrosideros diffusa (unc F)
Muehlenbeckia australis (F)
Rubus cissoides var. *cissoides* (F)

PSILOPSIDS AND LYCOPODS

Tmesipteris tannensis (unc F)
Lycopodium fastigiatum (unc, B and T)
L. scariosum (unc, B and T)
L. varium (incl. *L. billardierei* and *L.*
novae-zealandicum) (unc F)

FERNS

Asplenium flaccidum (F)
A. polyodon (unc F)
Blechnum discolor (F)
B. fluviatile agg. (F,B)
B. nigrum (F)
B. penna-matina (unc T)
B. procerum (F,B,T)
Ctenopteris heterophylla (unc F)
Cyathea colensoi (F,B)
C. smithii (F)
Dicksonia squarrosa (unc F)
Gleichenia dicarpa (T)
Grammitis billardierei (F)
G. magellanica ssp. *nothofageti* (unc F)
Histiopteris incisa (F,B)
Hymenophyllum armstrongii (unc F)
H. bivalve (F)
H. demissum (F)
H. dilatatum (F)
H. flabellatum (F)
H. multifidum (F,B)
H. pettatum (unc F)
H. pulcherrimum (unc F)
H. ratum (F)
H. revolutum (F)
H. sanguinolentum agg. (F)
Hypolepis rufobarbata (F)
Leptopteris superba (F)
Paesia scaberula (unc F)
Phymatosorus diversifolius (F)
P. novae-zealandiae (unc F)
Polystichum vestitum (F,B)
Pteridium esculentum (unc B)
Rumohra adiantiformis (unc F)
Schizaea australis (unc T)
Sticherus cunninghamii (unc F)
Trichomanes reniforme (F)

ORCHIDS

- Aporostylis bifolia (B,T)
- Chiloglottis cornuta (unc F)
- Combas trilobus ss. (F)
- Eatina autumnalis (unc F)
- Lyperanthus antarcticus (T)
- Pterostylis venosa (T)
- Thelymitra cyanea (T)
- T. longifolia (unc B)

GRASSES

- Agrostis personata (B,T)
- Chionochloa conspicua ssp. cunninghamii (F,B)
- C. flavescens s.s. (T)
- C. conspicua x C. flavescens s.s. (B)
- Deyeuxia aucklandica (T)
- Hierochloa tedolans (unc B)
- Mictolaena avenacea (F)
- Rytidosperma nigricans (unc T)

SEDGES

- Carex sp. (Sect. Acutae) (B,T)
- Carpha alpina s.s. (T)
- Oreobolus pectinatus (B,T)
- O. strictus (B,T)
- Schoenus sp. (unnamed; aff. S. pauciflorus) (T)
- Isolopis aucklandica (B,T)
- I. habra (F,B)
- Uncinia astonii (F,B)
- U. caespitosa (B,T)
- U. filiformis (F)
- U. gracilentia (F)

- U. silvestris (incl. U. affinis) (F)
- U. uncinata (F)
- U. zotovii (F)

U. sp. (unnamed; aff. U. nervosa) (more slender than U. nervosa; see Edgar 1970, p. 231) (T)

RUSHES

- Centrolepis ciliata (T)
- Juncus antarcticus (B,T)
- J. gregiflorus (unc B)
- Luzula picta s.s. (B,T)

MONOCOT HERBS (OTHER THAN ORCHIDS, GRASSES, SEDGES, RUSHES)

GRASSES, SEDGES, RUSHES

- Astelia fragrans (unc, F and B)
- Astelia linearis var. zelandica (T)
- A. solandri (unc F)
- A. sp. (unnamed; aff. A. nervosa) (F, B, T)
- CollospERMUM microspERMUM (F)
- Libertia pulchella (unc F)
- Luzuriaga parviflora (F, B, T)
- Phormium cookianum (F, B)

COMPOSITE HERBS

- Abrotanella caespitosa (T)
- A. pusilla (unc T)
- Brachyglottis lagopus var. lagopus (T)
- Calmisia spectabilis ssp. spectabilis (T)
- Anaphalis sp. (Helichrysum bellidioides s.s.) (B)
- Lagenifera strangulata (unc, F and B)
- Raoulia glabra (B)

DICOT HERBS (OTHER THAN COMPOSITES)

Acaena anserinifolia (unc F)

Cardamine sp. (*C. debilis* ass.) (F) ("Long Style" of Pritchard 1957)

Drosera stenopetala (T)

Epilobium alsinoides s.s. (unc B)

E. cockayneanum (B, T)

E. linnaeoides (F)

E. pernitens (T)

Gentiana sp. (unnamed; aff. *G. gntsebachii*) (B, T)

Kelleria diattenbachii (unc T)

Nettara ciliata (B, T)

N. sp. (unnamed; aff. *N. dichondri-*
folia) (F)

Ourisia sp. (unc B)

Psychrophila novae-zealandiae (unc T)

Plantago sp. (cf. *P. novae-zealandiae*) (unc T)

Ranunculus membranifolius (F)

R. verticillatus (unc T)

Stellaria decipiens (incl. *S. parviflora*) (F)

Viola filicaulis (F, B, T)

ADVENTIVE PLANTS

Agrostis capillaris (B, T)

Anthoxanthum odoratum (unc B)

Hypochoeris radicata (B, T)

Juncus articulatus (B)

Plantago lanceolata (unc B)

No. of indigenous spp.: 153.

No. of adventive spp.: 5.