

(21)

INDIGENOUS HIGHER PLANTS (PSILOPSIDS, LYCOPODS, FERNS,
GYMNOSPERMS, FLOWERING PLANTS) OF KAIMANAWA
MOUNTAINS AND ADJACENT AREAS, 300-1725 M (1000-5665 FT)

A.P. Druce, Wellington, Nov. 1986
(Revised June 1987, Jan. 1988, Nov. 1990, June 1991,
July 1992)
(Based on observations 1945-1991)

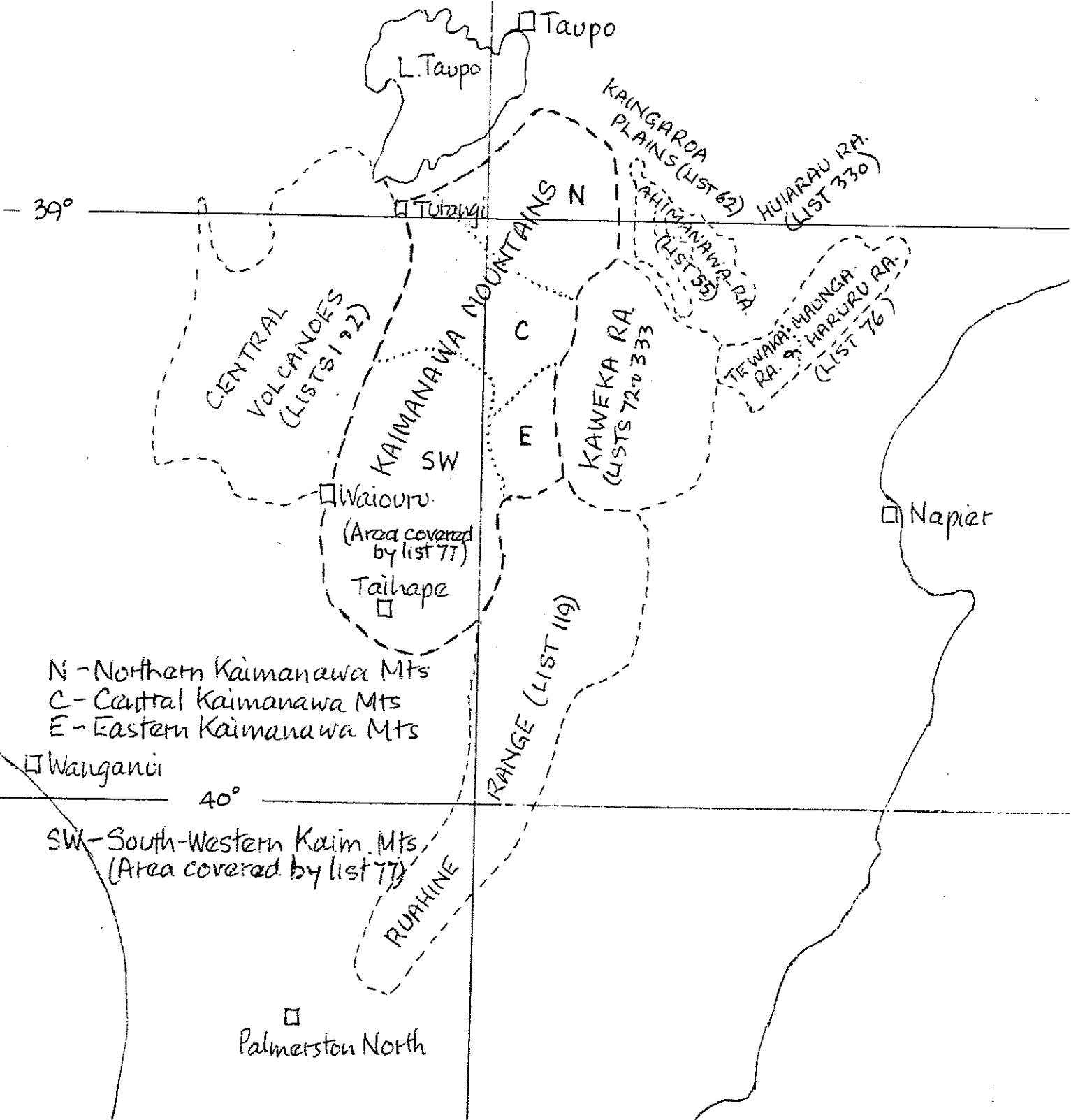
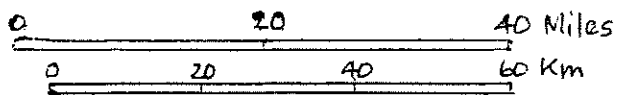
Plants listed for Hautapu and Moawhango catchments
and adjacent areas, S.W. Kaimanawa Mountains (list
no. 77, attached) plus those additional plants listed below,
on pages 3-4.

No. of species on list 77 : 661.
No. of additional species : 47.
Total no. of species : 708.

Centred on mouth of Ecology Stream, Rangitikei River.
Grid ref for Bionet: 2113 473 745

176°

CENTRAL NORTH ISLAND MOUNTAIN RANGES



(N - Northern Kaimanawa Mts; C - Central K. Mts; E - Eastern K. Mts)

GYMNOSPERM TREES AND SHRUBS

Halocarpus biformis (C)

Lepidothamnus intermedius X L.
laxifolius (N)

Phyllocladus glauca (N)

P. trichomanoides ss. (N)

Dicksonia lanata (N)

Grammitis pseudociliata (N)

Hymenophyllum armstrongii (C)

H. pulcherrimum (N)

H. revolutum (C)

H. scabrum (N)

Phymatosorus novae-zelandiae (N)

Trichomanes teniforme (N)

DICOT TREES

Knightia excelsa (N)

Weinmannia racemosa var.
racemosa (C, N)

ORCHIDS

Adenochilus gracilis (N)

Corybas oblongus (E)

Prasophyllum sp. (aff. *P. patens*)

DICOT SHRUBS

Dracophyllum strictum (N)

Gaultheria oppositifolia (N)

Geniostoma rupestre var.
ligustriifolium (N)

GRASSES

Cortaderia toetoe (N)

Rytidosperma australe (E)

Oleatia ilicifolia (C)

Peraxilla colensoi (N)

Pimelea tomentosa (N)

PSILOPSIDS

Tmesipteris sp. (N) (Elder, 1962,
records *T. tannensis*)

FERNS

Asplenium flaccidum X *A. hookerianum* (C)

Blechnum filiforme (N)

Cyathea colensoi (C, N)

SEDGES

Carex acicularis (C)

C. buchananii (E)

C. diandra (E)

Eleocharis sphacelata (E, N)

Gahnia procera (N)

Moreletia affinis (N)

Schoenus sp. (unnamed; aff. *S.*
pauciflorus)* (C)

Uncinia egmontiana (N)

U. filiformis (N)

U. gracilentia (N)

* (= "robust form" of *S. pauciflorus* - see
Edgar 1970, p. 194)

U. longifructus (N)

U. zotovii (N)

RUSHES

Juncus holoschoenus (E)

COMPOSITE HERBS

Craspedia sp. (ii) (unnamed) (plants summer-green; lvs green or greenish white; both surfaces densely clad in multicellular, non-glandular hairs, with cottony tips; margins white with cottony hairs; capitula large, 1.8-2.5 cm diam; fls white) (C)

Lagenifera pinnatifida (E, N)

DICOT HERBS OTHER THAN COMPOSITES

Epilobium gracilipes (Raven & Raven, 1976)

E. macropus X *E.* sp. (unnamed; = *E. b. ssp. minutiflorum*) (C)

Gentiana sp. (unnamed; aff. *G. spenceri*)

(discussed by Allan 1961, p. 769) (N)

Geranium potentilloides X *G. sessiliflorum* (?) (C)

Jovellana repens (N)

Oxysia caespitosa

(Aston, 1911 and 1914; Cheeseman 1925)

Ranunculus insignis (C)

DOUBTFUL AND ERRONEOUS RECORDS

<u>Record</u>	<u>Probable identity of plants on which record based</u>
Aciphylla squarrosa (Aston 1914, Oliver 1956, Elder 1962) [Anaphalis - see p.6]	Aciphylla sp. (unnamed)
Astelia nervosa (Aston 1914)	Astelia sp. (unnamed)
Brachycome sinclairii (Aston 1914)	Brachycome radicata
Carex ternaria (Aston 1914)	Carex cotiacea
Chionochloa conspicua (Elder 1962, as Danthonia cunninghamii) [†]	
C. flavescens (Elder 1948, as Danthonia flavescens)	Chionochloa pallens
C. rigida (Aston 1914, as Danthonia raoulii; Elder 1962, as D. rigida)	C. tubra
Collospermum hastatum (Elder 1962)	Collospermum microspermum
Colobanthus muelleri (Aston 1914)	Colobanthus strictus
Coprosma cuneata (Aston, 1911 and 1914)	Coprosma pseudocuneata
C. parviflora (Aston, 1911 and 1914; Elder 1962)	C. sp. (i) (unnamed)
C. repens (Aston 1914)	C. petpusilla
Cotiaria angustissima (Aston, 1911 and 1914; Cheeseman 1925)	Cotiaria plumosa
C. sarmentosa (Elder 1962)	C. arborea x C. kingiana and/or C. pteridoides
Craspedia lanata (Aston 1914, as C. uniflora var. lanata)	Craspedia sp. (ii) (unnamed)
Dracophyllum uniflorum (Oliver 1952)	

[†] Elder records that he saw just one plant

Record

Probable identity of plants on which
record based

Euphrasia revoluta (Aston, 1911 and 1914; Cheeseman 1925)

Gaulltheria rupestris (Aston 1914)

Gaulltheria colensoi

Anaphalis trinervis (Kirk 1899, as Gnaphalium lyallii, from "Moahonga", i.e. Moawhango)

Anaphalis sp. (unnamed)(?)

to p. 6

A. trinervis (Cheeseman 1925, as Gnaphalium lyallii)

A. sp. (unnamed) (?)

Hebe salicifolia (Aston 1914, as Veronica salicifolia)

Hebe macrocarpa var., H. stricta var. stricta, H. sp. (C) (one or more of these)

Hierochloa cuprea (Zotov 1973)

Melicytus crassifolius (Aston 1914, as Hymenanthera crassifolia)

Melicytus alpinus

Parakebe olsenii (Elder 1962, as P. hookeriana var. olsenii)

Parakebe hookeriana

Pittosporum ralphii (Cheeseman 1925)

Pseudopanax sp. (Wardle 1968, as P. colensoi var. ternatus?)

Pseudopanax colensoi

Ranunculus verticillatus (Colenso 1884, as R. geraniifolius)

Ranunculus nivicola

Raoulia australis (Aston 1914; Elder 1962)

Raoulia sp. (i) (unnamed)

Rubus australis (Aston, 1911 and 1914)

Rubus cissoides

Selliera radicans (Aston, 1911 and 1914; Elder 1962)

Selliera microphylla

Senecio laetus (Aston 1914)

Senecio glaucophyllus ssp. toa and/or 3. sp. (unnamed)

Trisetum antarcticum (Aston 1914)

Trisetum sp. or spp. (unnamed)

T. youngii (Aston 1914)

T. sp. (i) (?)

Wahlenbergia gracilis (Aston 1914) *W. rupestris*

REFERENCES

- Aston, B.C. 1911: List of phanerogamic plants indigenous in the Wellington Province. Trans. N.Z. Inst. 43: 225-47.
- 1914: Notes on the phanerogamic flora of the Ruahine mountain-chain, with a list of the plants observed thereon. Trans. N.Z. Inst. 46: 40-54. (Plants of the Kaimanawa branch range listed on pp. 50-4.)
- Cheeseman, T.F. 1925: "Manual of the New Zealand flora". Ed. 2. Edited by W.R.B. Oliver. Government Printer, Wellington, 1163 pp.
- Colenso, W. 1884: "An account of visits to, and crossings over, the Ruahine mountain-range". Napier, New Zealand.
- Edgar, E. 1970: Cyperaceae. Pp. 167-285 in "Flora of New Zealand". Government Printer, Wellington. Vol. 2. 354 pp.
- Elder, N.L. 1948: The vegetation of the Kaimanawas. Bull. Wellington bot. Soc. 19: 1-4
- 1962: Vegetation of the Kaimanawa Ranges. Trans. R. Soc. N.Z. Bot. 2: 1-37.
- Kirk, T. 1899: "The Students' Flora of New Zealand". Government Printer, Wellington. 408 pp.
- Oliver, W.R.B. 1952: A revision of the genus *Dracophyllum*. Trans. R. Soc. N.Z. 80: 1-17. supplement.
- 1956: The genus *Aciphylla*. Trans. R. Soc. N.Z. 84: 1-18
- Raven, P.H.; Raven, T.E. 1976: The genus *Epilobium* (Onagraceae) in Australasia: a systematic and evolutionary study. N.Z. D.S.I. R. Bull. 216. 321 pp.
- Wardle, P. 1968: The taxonomy and distribution of the stipulate species of *Pseudopanax* in New Zealand. N.Z. J. Bot. 6: 226-36.
- Zotov, V.D. 1973: *Hierochloa* R.Br. (Gramineae) in New Zealand. N.Z. J. Bot. 11: 561-80.

