

INDIGENOUS HIGHER PLANTS (PSILOPSIDS, LYCOPODS, FERNS, GYMNO  
SPERMS, FLOWERING PLANTS) OF KAIMAI RANGE, S. AUCKLAND

† Highest point: Te Aroha, grid ref. N57 234777,  
alt. 953 m (3126 ft)

A.P. Druce, Botany Division, D.S.I.R., H.M. Druce,  
and K. Haydock, April 1982

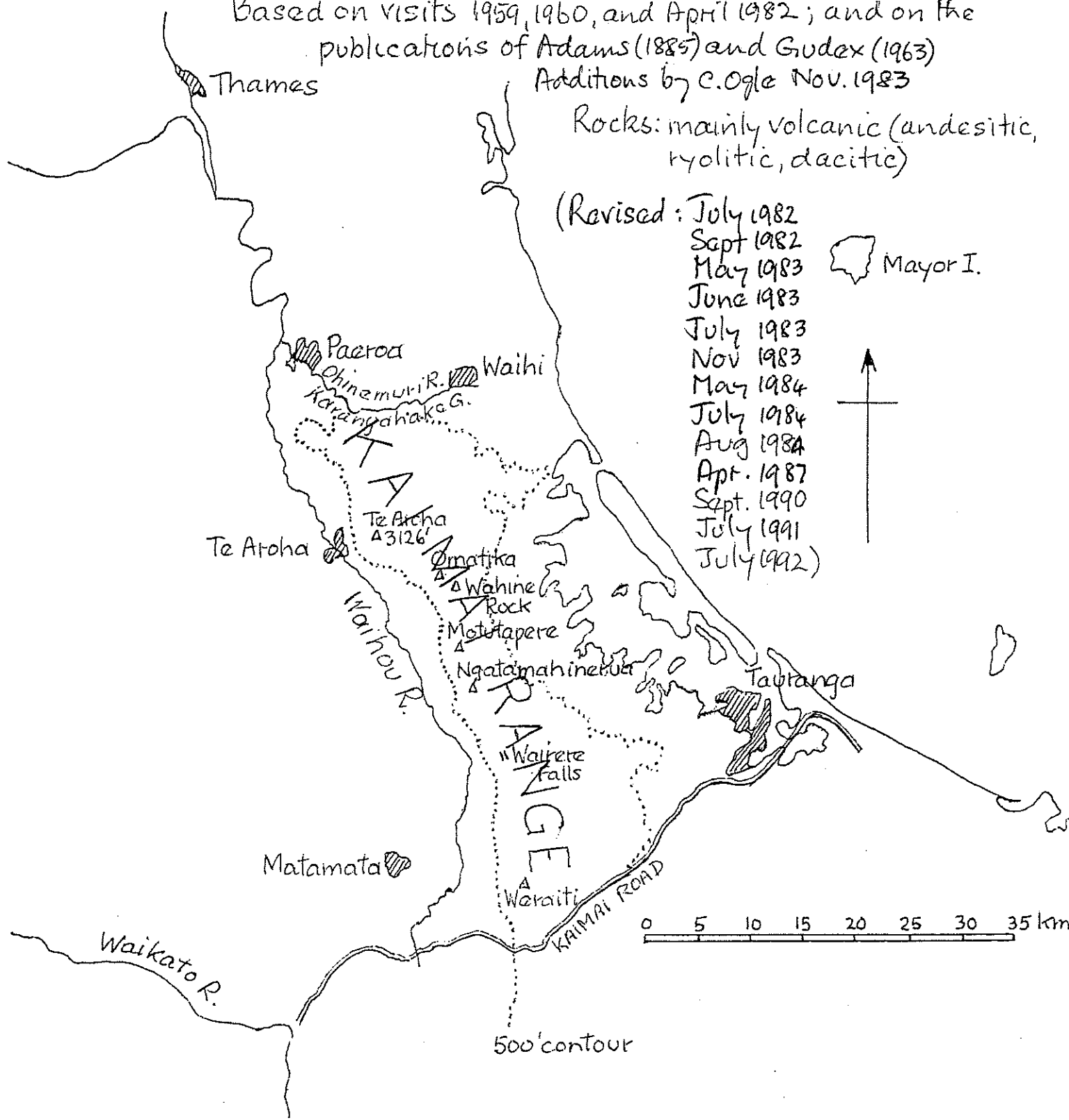
Based on visits 1959, 1960, and April 1982; and on the  
publications of Adams (1885) and Gudex (1963)

Additions by C. Ogle Nov. 1983

Rocks: mainly volcanic (andesitic,  
rhyolitic, dacitic)

(Revised: July 1982  
Sept 1982  
May 1983  
June 1983  
July 1983  
Nov 1983  
May 1984  
July 1984  
Aug 1984  
Apr. 1987  
Sept. 1990  
July 1991  
July 1992)

Mayor I.



(unc) - uncommon or local

\* - not listed by Adams (1855) or Guderex (1963)

**GYMNOSPERMS**

- Agathis australis
- Dactyloctenium aegyptium
- Dactyloctenium cupressinum
- \*Halocarpus biflorus
- Lepidothamnium intermedius
- Libocedrus bidwillii
- Phyllocladus alpinus s.s.
  
- P. glaucus
- P. trichomanoides s.s.
- \*Palpinus x P. glaucus (unc)
- \*Podocarpus hallii
- P. totara s.s. (unc)
- Prumnopitys ferruginea
- \*P. taxifolia (unc)

- Carpodetus serratus
- \*Coprosma arborea (unc)
- Corynocarpus laevigatus (unc)
- Dodonaea viscosa (Guderex 1963)
- Dracophyllum latifolium (incl. D. matthewsii)
- \*D. traversii (incl. D. pyramidale)
- Dysoxylum spectabile
- Elaeocarpus dentatus (incl. E. d. var. obovatus)
- \*E. hookerianus (unc)
- Fuchsia excorticata
- Griselinia littoralis
- G. lucida
- Hedycarya arborea
- Ixerba braxioides
- Knightia excelsa
- Lautelia novae-zelandiae
- Litsea calicatis

**MONOCOT TREES AND SHRUBS**

- Cordyline australis (unc)
- C. banksii
- \*C. indivisa (unc)
- C. pumilio (unc)
- \*C. australis x C. banksii (unc)
- Rhopalostylis sapida

- Lophomyrtus bullata (unc)
- L. obcordata (unc)
- L. bullata x L. obcordata (Adams 1885, as Myrtus talphii)
- Macropiper excelsum var. excelsum
- Melicope ternata (unc)
- Melicope lanceolata (incl. M. l. var. latior)
- \*M. macrophylla (unc)
- M. ramiiflora ssp. ramiiflora
- Metrosideros robusta
- Mida salicifolia (incl. M. s. var. myrtifolia) (unc)

**DICOT TREES**

- Alectryon excelsus var. excelsus (unc)
- Artostelia serrata
- Ascarina lucida
- Beilschmiedia tarairi (Adams 1885)
- B. tawa

- Myrsine australis
- M. salicina
- Nestegis cunninghamii (Adams 1845) as Olea cunninghamii
- N. lanceolata (unc)
- N. montana (unc)

Nothofagus fusca

N. menziesii

\* N. truncata

Oleaia rani var.

\* Pennantia corymbosa (unc)

Pittosporum crassifolium (Adams 1885)

\* P. ellipticum (unc)

\* P. eugenioides (unc)

P. tenuifolium ssp. tenuifolium (unc)

P. umbellatum (Adams 1885)

Pseudopanax arboreus var. arboreus

P. colensoi s.s.

P. crassifolius

\* P. discolor (unc)

P. edgerleyi

\* P. laetus

P. simplex (incl. P. s. var. sinclairii)

Quintinia serrata (incl. Q. acutifolia and Q. elliptica)

Schefflera digitata

Sophora microphylla

Strobilus heterophyllus (unc)

Syzygium maite (unc)

Toronia toru (unc)

Vitex lucens (unc)

Weinmannia racemosa

**DICOT SHRUBS**

Alseuosmia macrophylla

Aristolelia fruticosa (Adams 1885)

Brachyglottis kirkii s.s.

B. repanda s.s.

B. sp. (unnamed; included in B. kirkii, as var. angustior, by Nordenstam 1978)

<sup>3</sup>  
\* Coprosma tenuifolia (Cheeseman 1906)  
(Te Aroha)

Carmichaelia cunninghamii  
(incl. C. aligera)

\* Coprosma areolata (unc)

C. colensoi s.s.

\* C. dodonaeifolia

C. foetidissima

C. grandifolia

C. lucida s.s.

\* C. rhamnoides

(incl. C. polymorpha) (unc)

C. robusta

C. rotundifolia (unc)

C. spathulata ssp. spathulata (unc)

\* C. sp. (unnamed; aff. C. parviflora) (unc)

\* C. ptopingua X C. robusta (unc)

Cotiarua arborea

Cotokia buddleioides (incl. C. b.

var. linearis) (unc)

\* Cyathodes empetrifolia (unc - nr. Wahine Rock & nr. Tangitu)

C. sp. (C. juniperina agg.) (lvs usually > 1cm x > 1mm; upto 1.5cm x 2.5mm)

\* Dracophyllum lessonianum (Oliver 1929)

D. sinclairii (incl. D. adamsii & D. viridifolium)

D. strictum (unc)

Epacris pauciflora (Adams 1885)

Gaulltheria antipoda

G. oppositifolia (Gudex 1963)

Geniostoma rupestre var.

ligustifolium

Hebe macrocarpa var. (H. corrigata)

H. stricta var. stricta

\* Helichrysum lanceolatum (unc)

Kunzea ericoides agg.

Leptospermum scoparium

Leucopogon fasciculatus var.

L. fraseri s.s. (unc)

- Melicope simplex (unc)
- M.s. X M. ternata (unc)
- Neomyrtus pedunculata (Adams 1885, as Myrtus pedunculata)
- Olearia albida (Adams 1885)
- O. cheesemani (Ochinemuti G.-type loc)
- \* O. furfuracea var. (unc)
- Petaxilla tetrapetala (Adams 1885, as Loranthus tetrapetalus)
- Phebalium nudum (Karanga-hake G.)
- \* Pimelea longifolia var. (unc)
- P. prostrata (unc)
- Pittosporum cornifolium (unc)
- \* P. kirkii (unc)
- \* Pomadouris ericifolia
- \* P. kumeraho (unc)
- \* Pseudopanax anomalus
- Pseudowintera axillaris
- \* P. colorata

- Clematis cunninghamii (unc)
- C. forsteri (Adams 1885, as C. hexasepala; Gudex 1963)
- C. paniculata
- Metrosideros carminea (Adams 1885, as M. diffusa; Gudex 1963; Bartlett 1984)
- M. colensoi (Gudex 1963)
- M. diffusa
- M. fulgens
- M. perforata
- Muehlenbeckia australis
- M. complexa (Adams 1885, Gudex 1963)
- Parsonsia capsularis var. (unc)
- P. heterophylla (unc)
- Passiflora tetrandra
- Rubus australis
- R. cissoides var. cissoides
- R. schmidelioides (Gudex 1963)
- \* R. australis X R. cissoides (unc)

- Rhabdothamnus solandri
- Solanum aviculare var. aviculare
- Tevetidium parvifolium (Adams 1885)
- Tupeia antarctica (Gudex 1963)
- Urtica ferox (unc)

**PSILOPSIDS AND LYCOPODS**

- \* Tmesipteris elongata (incl. T. e. ssp. robusta)
- \* T. lanceolata (unc)
- T. tannensis
- Lycopodium cernuum
- L. deuterodensum
- L. fastigiatum (Adams 1885, as L. clavatum; Gudex 1963)
- L. laterale (incl. L. ramulosum?) (unc)
- L. scariosum
- L. varium (incl. L. billardierei and L. novae-zelandicum)
- L. volubile

**MONOCOT LIANES**

- Ereynnetia bauertiana var. banksii
- Ripogonum scandens

**DICOT LIANES**

- Calystegia sepium (Adams 1885, Gudex 1963)
- C. tugurionum (Gudex 1963)

**FERNS**

- Adiantum cunninghamii
- A. fulvum (Adams 1885)
- A. hispidulum (Adams 1885)
- \* A. viridescens (unc)
- { Cyathea cunninghamii (unc) } →
- { C. dealbata }
- { C. medullaris }
- { C. smithii }
- Anarthropteris lanceolata
- Arthropteris tenella
- Asplenium bulbiferum
- A. flaccidum
- A. hookerianum (Adams 1885; Bartlett 1984)
- A. lamprophyllum
- A. oblongifolium
- A. polyodon
- \* A. bulbiferum x A. flaccidum (unc)
- \* A. b. x A. hookerianum (Bartlett 1984)
- \* A. b. x A. lamprophyllum (unc)
- Blechnum chambersii
- B. colensoi
- B. discolor
- B. filiforme
- B. fluviatile agg.
- B. fraseri
- B. membranaceum
- \* B. minus
- B. nigrum
- \* B. panamarina (Bartlett 1984)
- \* B. procerum
- B. vulcanicum (unc)
- B. sp. (unnamed) (common lowland sp.; lower pinnae reduced in length)
- \* B. procerum x B. sp. (B. capense agg.)
- \* Botrychium biforme (unc)
- Ctenopteris heterophylla
- Dicksonia fibrosa (unc)
- D. lanata agg. (unc)
- D. squarrosa
- Diplazium australe (unc)
- Doodia media ssp. australis (unc)
- Gleichenia dicarpa (unc)
- G. microphylla (unc)
- Grammitis billardierei
- \* G. ciliata (unc)
- \* G. magellanica ssp. nothofageti (unc)
- \* G. pseudociliata (unc)
- Histiopteris incisa
- \* Hymenophyllum armstrongii
- H. atrovirens (unc)
- H. bivalve
- H. demissum
- H. dilatatum
- H. ferrugineum
- H. flabellatum
- H. flexuosum (unc)
- \* H. lyallii
- H. malingii (unc)
- H. minimum (unc)
- H. multifidum
- \* H. peltatum (Crookes 1963, Bartlett 1978)
- H. pulcherrimum
- H. ratum
- H. revolutum
- H. rufescens (unc - Te Aroha)
- H. sanguinolentum agg.
- H. scabrum
- \* H. villosum (Te Aroha - Cheeseman 1925)

- \* *Hypolepis ambigua* (unc)
- H. distans* (Gudex 1963; Bartlett 1984)
- \* *H. lactea* (unc)
- \* *H. rufobarbata*

*Lastreopsis glabella*

*L. hispida*

*Leptolepia novae-zelandiae* (Adams 1885, as *Davallia* n.z.; Gudex 1963)

*Leptopteris hymenophylloides*

*L. superba* (unc)

\* *L. hymenophylloides* X *L. superba* (unc)

*Lindsaea trichomanoides*

*L. viridis*

*Lygodium articulatum*

*Mafattia salicina* var. *salicina* (unc)

*Ophioglossum coriaceum* (Adams 1885, as *O. lusitanicum*)

*Paesia scaberula*

*Pellaea rotundifolia*

*Phymatosorus novae-zelandiae*

*P. pustulatus*

*P. scandens*

*Pneumatopteris pennigera*

*Polystichum richardii* (unc)

*P. silvaticum*

*P. vestitum* (unc)

*Pteridium esculentum*

*Pteris pendula*

*P. tremula*

*Pyttosia eleagnifolia*

*Rumohra adiantiformis*

*Schizaea bifida* (Adams 1885)

*Stichetus cunninghamii*

*S. flabellatus* (Adams 1885, as *Gleichenia flabellata*)

*Trichomanes elongatum*

*T. andlicherianum*

*T. teniforme*

*T. strictum*

*T. venosum*

**ORCHIDS**

*Acianthus sinclairii* (Gudex 1963, as *A. fornicatus* var. *sinclairii*)

*Aporostylis bifolia* (unc)

*Bulbophyllum pygmaeum* (Adams 1885, Gudex 1963)

*Caladenia carnea* ags.

*Chiloglottis cornuta* (Adams 1885, Gudex 1963)

*Corybas acuminatus*

*C. macranthus* (Gudex 1963)

*C. oblongus*

*C. rivularis* ss.

*C. trilobus* ss.

*Dendrobium cunninghamii*

*Drymoanthus adversus* (Adams 1885 and Gudex 1963, as *Sarcophilus adversus*)

*Eatina autumnalis*

*E. mucronata* ss.

*Orthoceras novae-zeelandiae*

*Microtis unifolia*

*Prasophyllum colensoi*

*Pterostylis alobola*

*P. banksii*  $\angle$  *P. cardiostigma*

*P. hullifolia*

*P. sp.* (*P. graminea* var. *tubicaulis*)

*Thelymitia hatchii*

*T. ixioides* (Gudex 1963)

*T. longifolia*

*T. pauciflora*

GRASSES

- [inghamii (unc)
- Chionochloa conspicua ssp. cunn-
- Elymus multiflorus (Adams 1885, as Triticum multiflorum)
- E. narduroides (Adams 1885, as Gymnostichum gracile)
- Cortaderia fulvida
- Daschampsia caespitosa (Adams 1885)
- Deyeuxia avenoides (incl. D. a. var. brachyantha) (unc)
- D. billardierei (Adams 1885)
- D. sp. (D. quadrisetata agg.) (unc)
- Dichelachne cincta (unc) sciurea)
- D. micrantha (?) (Adams 1885, as D. /
- Echinopogon ovatus (Adams 1885)
- Heterochloa redolens (unc)
- Isachne globosa (unc)
- Microlaena avenacea
- M. polynoda (Adams 1885)
- M. stipoides
- \* Oplismenus imbecillus
- Poa anceps ssp. anceps
- \* P. colensoi (unc - Queen Victoria's Head Rock and near Wahine Rock)
- \* Rytidosperma gracile
- \* R. unarede

- \* B. tenax (unc)
- B. teretifolia (Adams 1885, as Cladium teretifolium)
- Bolboschoenus sp. (Adams 1885, as Scirpus maritimus)
- Carex dissita ss.
- C. fascicularis (Hamlin 1957)
- C. flagellifera (?) (Gudex 1963, as C. ? lucida)
- C. forsteri (unc)
- C. gaudichaudiana (Adams 1885)
- C. geminata (Gudex 1963)
- C. lambertiana (Gudex 1963, as C. dissita var. lambertiana)
- C. maorica (Hamlin 1957)
- C. solandri
- C. spinirostris (unc)
- C. subdola (Hamlin 1954)
- C. virgata
- C. sp. (unnamed; aff. C. geminata) (much larger than C. geminata; lvs up to 2.5 cm wide)
- Cyperus ustulatus
- Eleocharis acuta
- \* E. gracilis
- E. sphacelata (Adams 1885)
- Gahnia lacera
- G. pauciflora
- G. setifolia
- G. xanthocarpa (Inset Isolepis from p. 8)

SEDGES

- Baumea articulata (Adams 1885, as Cladium articulatum)
- B. juncea (Adams 1885, as Cladium junceum)
- B. rubiginosa (unc)

- \* Machaerina sinclairii

Morelotia affinis

Schoenoplectus validus (Adams 1855, as Scirpus lacustris)

Schoenus apogon (Adams 1855, as S. brownii)

S. maschalinus

S. tando

Insert on p7 {

- Isolepis cernua (Adams 1885, as Scirpus riparius)
- \* I. habra (unc)
- I. inundata
- I. nodosa (Adams 1885)
- \* I. pottsii (unc)
- I. prolifer (Adams 1885)

Uncinia banksii

\* U. clavata (unc)

\* U. distans

U. ferruginea (unc)

\* U. filiformis (unc)

\* U. gracilentia

U. tupestris (incl. U. angustifolia) (unc)

U. uncinata

\* U. zotovii

**RUSHES**

Juncus australis

J. gregiflorus

J. holoschoenus (Adams 1885)

J. planifolius

J. prismatocarpus (unc)

\* J. sarophorus

\* Luzula picta s.s. (unc)

\* L. subclavata (unc)

**MONOCOT HERBS OTHER THAN**

**ORCHIDS, GRASSES, SEDGES, RUSHES**

Artropodium candidum (Adams 1885)

\* Astelia fragrans

A. grandis

A. solandri

A. trinervia

\* A. sp. (unnamed; aff. A. nervosa) (lvs green, not silvery as in A. nervosa)

Collosporum hastatum

\* C. microspermum

Dianella nigra

\* Libertia grandiflora (unc)

L. ixioides (unc)

L. pulchella

Luzuriaga parviflora

Phormium cookianum

P. tenax (unc)

\* Potamogeton cheesemani (unc)

P. suboblongus (Adams 1885, as

P. polygonifolius)

Sparganium subglobosum (Adams 1885, as S. simplex)

Typha orientalis



COMPOSITE HERBS

- Anaphalis kerriense s.s.
- \*Celmisia gracilentia ssp. (unc)
- Cotula coronopifolia (Adams 1885)
- \*Ginaphalium audax s.s.
- \*G. gymnocephalum
- G. involucreatum
- \*G. limosum s.s.
- \*G. sphaeticum (unc)
- { Pseudognaphalium sp. (unnamed; aff. P. luteoalbum) (lvs. mostly linear-spathulate to linear, acute) (unc)
- \*G. sp. (unnamed; aff. G. limosum) (lvs linear)
- Lagenifera pumila
- L. strangulata (Adams 1885, as L. petiolata)
- \*Raoulia glabra (unc)
- R. tenuicaulis (Adams 1885)
- Senecio glomeratus (Adams 1885 as Erechtites arguta)
- \*S. hispidulus (unc)
- S. minimus
- S. quadridentatus (unc)

- Daucus glochidiatus (Adams 1885, as D. brachiatus)
- Dichondra repens var.
- Dioscorea binata (Adams 1885, G. udox 1963)
- D. peltata ssp. auriculata

- Elatostema rugosum
- Epilobium alsinoides s.s. (unc)
- E. billardiereanum (Adams 1881; Raven and Raven, 1976)
- \*E. brunnescens s.s. (unc)
- E. cinereum (Raven and Raven, 1976, as E. billardierianum ssp. cinereum)
- E. nertetoides (unc)
- E. nummulariifolium (unc)
- E. pallidiflorum (unc)
- \*E. pedunculata s.s. (unc)
- E. pubens (unc)
- E. rotundifolium
- \*Euphrasia cuneata (unc - Wahi Rock)
- \*Galium propinquum (unc)
- G. trilobum (Adams 1885, as G. tenuicaula)

DICOT HERBS OTHER THAN COMPOSITES

- Acaena anserinifolia
- Cardamine sp. (C. debilis agg.) ("Long Style" of Pritchard 1957)
- Centella uniflora
- Chenopodium glaucum (Adams 1885)

- Gentiana sp. (unnamed; aff. G. spenceri) (unc)
- Gentiana sp. (unnamed; aff. G. microphyllum) (Adams 1885 as G. microphyllum)
- \*G. potentilloides var. potent. (unc)
- Gonocarpus aggregatus (Adams 1885, as Haloragis depressa)
- G. incanus

- G. micranthus ssp. micranthus (unc) Pratia angulata agg.
- Gunnera monoica (Bartlett 1984, as G. strigosa)
- Haloragis erecta ssp. erecta Ranunculos amphitrichus (Adams 1885, as R. muilans)
- Hydrocotyle dissecta R. reflexus
- H. elongata (Gudex 1963) Rottipia gigantea (Adams 1885, as Cardamine stylosa)
- \*H. microphylla R. palustris (Adams 1885, as Nasturtium palustre)
- H. moschata (unc)
- H. novae-zeelandiae (Adams 1885) Stellaria decipiens (incl. S. parviflora)
- H. pterocarpa (Adams 1885) \*Urtica incisa (unc)
- Hypericum japonicum (Adams 1885) Viola cunninghamii (unc)
- \*Jovellana repens (unc) V. filicaulis
- Lobelia anceps (Adams 1885)
- Myriophyllum propinquum (Adams 1885, as M. variaefolium) No. of species: 467.
- M. robustum (Adams 1885, Orchard 1979)
- M. triphyllum (Adams 1885, as M. elatinoides)
- \*Nertera cillata (unc - Te Aroha)
- N. depressa (incl. Neunninghamii)
- N. dichondrifolia s.s.
- \*N. sp. (unnamed; aff. N. dichondrifolia) (hairs present on both surfaces of lf, straight, not hooked as in N. dichondrifolia)
- \*Oxysia colensoi (unc - Te Aroha and Wahine Rock)
- Oxalis magellanica
- \*Parahebe diffusa ssp. (P. catarractae ssp. lanceolata)
- \*Peperomia tetraphylla (unc)
- P. urvilleana (unc)
- Potentilla anserinoides (Adams 1885, as P. anserina; Gudex 1963)

Doubtful or erroneous records not included in above list

Record

Probable identity of plant on  
which record based

*Alsevosmia X quercifolia* (Gudex 1963,  
as *A. quercifolia*)

*Asplenium obtusatum* (Adams 1885)

*Astelia banksii* (Adams 1885)

*A. nervosa* (Gudex 1963)

*Astelia fragrans*

*Carex ternaria* (Adams 1885)

*Coprosma parviflora* (Gudex 1963)

*C. grandifolia* X *C. lucida* (Gudex 1963,  
as *C. australis* X *C. lucida*)

*Dracophyllum longifolium* var. (Adams  
1885, as *D. urvilleanum*)

*Dracophyllum sinclairii*

*D. menziesii* (Adams 1885)

*D. traversii*

*Daxoschia youngii* (Adams 1885)

*Epilobium glabellum* (Adams 1885)

*Gaulltheria depressa* (Gudex 1963)

*Hebe salicifolia* (Adams 1885, as

*Hebe stricta* var. *stricta*

*Veronica salicifolia*)

*Hypolepis punctata* (Adams 1885, as  
*Polypodium punctatum*; Gudex 1963)

*Hypolepis rufobarbata* and/or  
*H. lactea*

*H. rugosula* (Adams 1885, as *Polypodium*  
*rugosulum*)

*H. ? tenuifolia* (Gudex 1963)

*H. ambigua* (?)

*Lagenifera petiolata* (Adams 1885)

*Lagenifera strangulata*

*Lastreopsis microsora* (Adams 1885,  
as *Nephrodium decompositum*)

*Lastreopsis glabella*

*Noltkofagus solandri* (Poole 1957)

*Lagarostrobos colensoi* (Bartlett 1978,  
as *Dactyloium colensoi*)

Record

Probable identity of plant on which record based

Pollaea falcata (Adams 1885)

Pteris macilentata (Adams 1885)

Raoulia australis (Adams 1885)

Sophora tetraptera (Adams 1885)

Wahlenbergia gracilis (Adams 1885)

Gudex 1963)

Pteris pendula

Sophora microphylla

Wahlenbergia marginata(?) (adventive)

REFERENCES

[Bot. Soc. 40: 37-44.

Bartlett, J.L. 1978: Rare + unusual plants north of the kauri line. Bull. Wellington  
1984: Notes on the distribution and associations of some uncommon  
plants of northern N.Z. N.Z. J. Bot. 22: 307-13.

Adams, J. 1885: On the botany of Te Aroha mountain. Trans. NZ Inst. 17: 275-8.

Cheeseman, T.F. 1906: "Manual of the New Zealand Flora." Govt. Printer, Wgtn. 1199 pp.

————— 1925: "Manual of the N.Z. Flora" Ed. 2. (Ed. W.R.B. Oliver). G.P. Wgtn. 1163 pp.

Crookes, M. 1963: "New Zealand Ferns (incorporating illustrations and original work by H.B. Dobbie)." Ed. 6. Whitcombe and Tombs. 408 pp.

Gudex, M.C. 1963: The native flora of Maungatautari and the Kaimai Range, and the distribution of native plants in the Waikato. Trans. R. Soc. N.Z. Bot. 2: 173-84.

Hamlin, B.G. 1954: Studies in New Zealand Caricis. 1. The Section Acutae Fries. Trans. R. Soc. N.Z. 82: 49-64.

————— 1957: Studies in N.Z. Caricis. 2 & 3. Trans. R. Soc. N.Z. 84: 681-7.

Oliver, W.R.B. 1929: A revision of the genus Dracophyllum. Trans. NZ Inst. 59: 678-714.

Pook, A.L. 1957: The distribution of beech forests. Proc. NZ Ecol. Soc. 4: 10-11.

Pritchard, G.G. 1957: Experimental taxonomic studies on species of Cardamine Linn. in New Zealand. Trans. R. Soc. N.Z. 85: 75-89.

Raven, P.H.; Raven, T.E. 1976: The genus Epilobium (Onagraceae) in Australasia: systematic and evolutionary study. N.Z. D.S.I.R. Bull. 216: 321 pp.

Nordenstam, B. 1978. Opera Bot. 44: 1-84

Orchard, A.E. 1979: Myriophyllum (Haloragaceae) in Australasia. 1. New Zealand: a revision of the genus and a synopsis of the family. Brunonia 2: 248-87.