

INDIGENOUS VASCULAR PLANTS OF CENTRAL HAWKE'S BAY

(Approximate limits: line joining Tangoio, Shetenden, Springhill, Takapau and Porangahou, on the west; coastline from Tangoio to Porangahou, on the east)

Highest point: Kahuranaki, 2119 ft, grid.ref. NI41 285025

A.P. Druce, Botany Division, D.S.I.R., 1976 (revised May 1977, June 1978
July 1978, June 1979, April 1980
June 1981, Oct 1981, June 1982

(Based on observations 1958-1982)

(Unc) - Uncommon or local

June 1984
Oct. 1984
Apr. 1985
June 1985
July 1985
Sept 1985
June 1990
July 1991
July 1992

GYMNOSPERM TREES

- Dactyctenium dactyloides*
- Dactyloctenium cupressinum*
- Podocarpus totara* s.s.
- Prumnopitys ferruginea*
- P. taxifolia*

- Griselinia littoralis*
- G. lucida*
- Hedycarya arborea*
- Hohemia angustifolia*
- H. populnea* var. *lanceolata*
- Knightia excelsa*
- Laurelia novae-zelandiae*

MONOCOT TREES

- Cordyline australis*
- Rhopalostylis sapida*

- Lophomyrtus obcordata*
- Macropiper excelsum* var. *excelsum*
- Melicope ternata*

DICOT TREES

- Alectryon excelsus* var. *excelsus*
- Aristotelia serrata*
- Beilschmiedia tawa*
- Carpodetus serratus*
- Elaeocarpus dentatus* (incl. *E. d.*
var. *obovatus*)
- E. hookerianus*
- Fuchsia excorticata*

- Melicactus ramiflorus* ssp. *ramiflorus*
- Myoporum laetum* var. *laetum*
- Myrsine australis*
- Nestegis cunninghamii*
- N. lanceolata*
- N. montana*
- Nothofagus solandri* var. *solandri*

Olearia paniculata
O. rani var. colorata

Pannantia corymbosa
Pittosporum eugenioides
P. ralphii
P. tenuifolium ssp. tenuifolium
P. ralphii x P. tenuifolium (unc)
Plagianthus regius ssp. regius
Pseudopanax arboreus var. arboreus
P. crassifolius
Schefflera digitata
Sophora microphylla
S. tetraptera
Strelitzia heterophyllus

DICOT SHRUBS

Brachyglottis repanda s.s.
Carmichaelia sp. (subgenus Carmichaelia)
Cassinia leptophylla var. leptophylla

Coprosmma acerosa ssp.
C. areolata
C. crassifolia
C. grandifolia
C. linatifolia
C. lucida s.s.
C. propinqua ssp. propinqua (incl.

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C. repens
C. thamnoides (incl. C. polymorpha)

C. robusta
C. rotundifolia
C. sp. (unnamed) (flowering branches slender, curved, bearing bracts only; drupes small, ± violet) (unc)
C. propinqua x C. robusta
Comaria arborea
Corokia cotoneaster var. cotoneaster
Discaria toumatou (unc)
Fuchsia excorticata x F. perscandens (unc)
Gaultheria antipoda
Geniostoma rupestre var. ligustri-folium
Hebe stricta var. stricta
H. sp. (i) (Veronica squalida) var.
H. sp. (ii) (Veronica arborea)
Halichrysum aggregatum var. aggreg.
H. depressum (Petrie 1896, as Ozotamnus depressus; Cheeseman 1925)
Kortalsella lindsayi s.s.
Kunzea oticoides agg.
Leptospermum scoparium
Leucopogon fasciculatus var.
L. fraseri s.s.
Melicope simplex
Melicytus micranthus (incl. M. m. var. microphyllus)
Myrsine divaricata s.s.

Neomyrtus pedunculata
Olearia furfuracea var.

O. solandri

Pimelea aridula var. (unc)

P. prostrata

Pittosporum obcordatum s.s.

Plagianthus divaricatus

Pseudopanax anomalus

Pseudowintera colorata

Solanum aviculare var. aviculare

Teucrium parvifolium (incl. T. p.
var. luxurians) (unc)

Tupeia antarctica (Colenso 1884, as
T. undulata) (unc)

Urtica ferox

MONOCOT LIANES

Ripogonum scandens

DICOT LIANES AND RELATED PLANTS

Calystegia tugatorum

Clematis afoliata (Cheeseman 1925)

C. foetida

C. forsteri

C. paniculata

C. quadribracteolata (type loc.)

Fuchsia perscandens (unc)

Metrosideros colensoi (incl. M. c. var.
pendens)

M. diffusa

M. perforata

Muehlenbeckia australis

M. axillaris

M. complexa

M. ephedroides (unc)

M. australis X M. complexa

M. axillaris X M. ephedroides (unc)

Parsonsia capsularis var.

P. heterophylla

P. capsularis X P. heterophylla

Passiflora tetrandra

Rubus cissoides var. cissoides

R. schmidelioides var. schmidelioides

R. squarrosus

R. schmidelioides X R. squarrosus

Tetragonia trigyna

FERNS

Adiantum aethiopicum (Cheeseman
1925)

A. cunninghamii

A. diaphanum (unc)

Anogramma leptophylla (unc)

Arthropteris tenella

Asplenium flabellifolium

A. flaccidum

A. gracillimum

A. hookerianum

- A. lyallii*
A. oblongifolium
A. polyodon
A. sp. (i) (*A. trichomanes* agg.)
 (tetraploid) (unc)
A. sp. (ii) (*A. trichomanes* agg.)
 (hexaploid) (unc)
A. flaccidum X *A. gracillimum*
A. f. X *A. oblongifolium*
A. gracillimum X *A. hookerianum*
A. lyallii X *A. oblongifolium*
Azolla filiculoides
Blechnum chambersii
B. discolor
B. fluviatile agg.
B. membranaceum
B. minus
B. sp. (i) (unnamed) (common lowl. sp.;
 lower pinnae reduced in length)
B. sp. (ii) (unnamed) (cliff sp.;
 lower pinnae not reduced)
B. chambersii X *B. membranaceum*
Cheilanthes humilis
Ctenopteris heterophylla
Cyathea dealbata
C. medullaris
C. smithii
Dicksonia fibrosa
D. squarrosa
Diplazium australe
Doodia media ssp. *australis* (Parris
 1972)
D. mollis (Parris 1972, as *D. caudata*)
D. squarrosa (Parris 1972)
Histiopteris incisa
Hymenophyllum demissum
H. multifidum
Hypolepis ambigua
Lastreopsis glabella
L. microsora ssp. *pentangulatis*
L. velutina
Leptolepia novae-zelandiae
Leptopteris hymenophylloides
Pagisia scaberula
Pellaea rotundifolia
Phymatosorus pustulatus
P. scandens
Pneumatopteris pennigera
Polystichum richardii
P. silvaticum
P. vestitum
Pteridium esculentum
Pteris macilentata s.s. (incl. *P. saxatilis*)
P. pendula
P. tremula
Pyrtosia cleagnifolia
Thelypteris confluens (Colenso 1884,
 as *Nephrodium thelypters* var.
squamatum)
Trichomanes venosum

ORCHIDS

- Bulbophyllum tuberculatum* (type
 loc.)
Corybas mactanthus

Cyrtostylis reniformis (Hook.f. 1853,
as *C. rotundifolia*)

Drymoanthus adversus

Eatina autumnalis

E. mucronata s.s.

Microtis unifolia

Pterostylis alobula

P. foliata (Cheeseman 1925)

P. tristis (Cheeseman 1925, as *P.*
mutica)

P. sp. (unnamed; aff. *P. graminea*)

Thalymitra longifolia

GRASSES

Anemantele lessoniana (Cheese-
man 1925, as *Stipa arundinacea*)

Austrofestuca littoralis (unc)

Chionochloa flavicans

Cortaderia fulvida

C. toetoe

Deyeuxia billardieri

Dichelachne erinita

Echinopogon ovatus

Elymus multiflorus

Lachnagrostis sp. (unnamed;
included in *L. filiformis*, as
var. *semiglabra*, by Zotov 1965)

Microlaena avenacea

M. polynoda

M. stipoides

M. avenacea x *M. polynoda* (?)
(unc)

Oplismenus imbecillus

Poa anceps ssp. *anceps*

P. lindsayi (Cheeseman 1925)

Puccinellia novae-zealandiae (?)
(Allan & Jansen, 1939)

P. stricta

Rytidosperma buchananii

R. clavatum

R. unarede

Trisetum sp. (unnamed; aff. *T. ant-*
arcticum) (plants robust; lf blade up
to 7mm wide, margins scabrid)

Zoysia minima (Zotov 1971)

Z. pauciflora

SEDGES

Bolboschoenus caldwellii

B. medianus

Carex breviculmis

C. diandra

C. dipsacea var. *dipsacea*

C. dissita s.s.

C. flagellifera

C. forsteri

C. geminata s.s.

C. inversa

C. lambertiana

C. lessoniana

C. maorica

C. pumila

C. raoulii

C. resectans (Edgar 1970)

C. secta s.s.

C. solandri
C. spinirostris
C. testacea ss.
C. virgata
C. sp. (unnamed; aff. *C. geminata*)
(much larger than *C. geminata*;
lvs up to 2.5 cm wide)
C. diandra x *C. secta* (unc)
Cyperus ustulatus
Eleocharis acuta
Isolopis basilaris (Cheeseman
1925, as *Scirpus basilaris*)

I. cernua
I. nodosa
I. prolifer
I. reticulatis

Machaerina sinclairii
Schoenoplectus pungens
S. validus
Schoenus maschalinus
S. nitens s.s.

Uncinia banksii
U. distans
U. laxiflora
U. scabra
U. uncinata

RUSHES

Juncus australis
J. caespiticius

J. distegus
J. graggiiflorus
J. maritimus var. *australiensis*
J. pallidus
J. planifolius
J. sarophorus
Leptocarpus similis
Luzula picta s.s.
L. sp. (unnamed; included in *L. picta*,
as var. *limosa*, by Edgar 1966)

MONOCOT HERBS (OTHER THAN ORCHIDS)

GRASSES, SEDGES, RUSHES

Arthropodium candidum
A. cirrhatum
Astelia fragrans
CollospERMUM hastatum
C. microspermum
Herpolition novae-zelandiae (Cheese-
man 1925)

Lemna sp. (*L. minor* auct.)
Libertia ixioides
Phormium cookianum
P. tanax
Potamogeton cheesemani
P. pectinatus (Cheeseman 1925,
Oliver 1942)

Ruppia megocarpa (Mason 1967)
R. polycarpa (Mason 1967)
Sparganium subglobosum (Colenso
1884, as *S. angustifolium*)
Triglochin striata
Typha orientalis
Zannichellia palustris (Cheese-
man 1925)
Zostera muelleri

S. lautus ssp. *lautus*
S. quadridentatus
S. rofiglandulosus var.
S. stercorarius (type loc.)
Vittadinia australis agg.

DICOT HERBS (OTHER THAN COMPOSITES)

Acaena anserinifolia
A. juvenca

COMPOSITE HERBS

Anaphalis katiensis
A. subrigida
Celmisia gracilentia ssp.
Cotula coronopifolia

Craspedia minor var. *minor* (incl.
C. major)
C. viscosa
Gnaphalium audax
G. gymnocephalum
G. involucreatum

G. limosum s.s.

Helichtysum filicaule
Lagenifera pumila
Pseudognaphalium sp. (unnamed;
aff. *P. luteoalbum*) (vs mostly linear-spathulate
late to linear, acute)
Raoulia sp. (WELT 24403)
Senecio banksii var. (*S. colensoi*
var. *colensoi*)
S. b. var. (*S. colensoi* var. *lobulatus*)
S. glomeratus

Apium prostratum ssp.

Australina pusilla
Callitriche muelleri
Calystegia soldanella
Cardamine sp. (i) (*C. debilis* agg.)
("Narrow Petal" of Pritchard 1957)
C. sp. (ii) (aff. *C. corymbosa*)
Centella uniflora

Chenopodium glaucum var. *ambiquum*
Convolvulus sp. (*C. varicundus* ssp.
waitaha) (Cheeseman
1925, as *C. erubescens*)

Crassula sieberiana
Daucus glochidiatus (unc)
Dichondra repens var.
D. sp. (unnamed) (slender; fls small)
Disphyma australe ssp. *australe*
Drosera peltata ssp. *auriculata*

- Epilobium billardierianum s.s.
- E. cinctatum
- E. insulare
- E. komarovianum
- E. heteroides
- E. nummularifolium
- E. pubens
- E. rotundifolium
- E. sp. (E. brunnescens?)
- Galium propinquum
- G. trilobum
- Geranium ^{sp. (unnamed; aff. G. microphyllum)} microphyllum
- G. retrorsum (unc)
- G. sessiliflorum var. novae-zealandiae
- G. solanderi (Gardner 1984)
- Gonocarpus aggregatus
- Haloragis erecta ssp. erecta
- Hydrocotyle dissecta (Cheesem. 1925)
- H. elongata
- H. heteromeria
- H. hydrophila (unc)
- H. moschata
- H. novae-zealandiae s.s.
- H. pterocarpa
- H. sp. (unnamed; included in H. moschata, as var. parvifolia, by Carse 1929)
- Lilaeopsis kuthiana
- Limosella lineata
- Linum monogynum
- Lobelia anceps
- Mazus novaezeelandiae

- Mantha cunninghamii (unc)
- Mimulus repens (unc)
- Myosotis petiolata s.s. (type loc.)
- M. spathulata (incl. M. s. var. radicata) (unc)
- Myosorus minimus ssp. n. z. (see Cogle 1985)
- Myriophyllum pedunculatum ssp. n. z. (unc)
- M. votschii (unc)
- M. robustum (Cheeseman 1925, Orchard 1979)
- M. triphyllum (Orchard 1979)
- Nertera depressa (incl. N. cunninghamii)
- N. setulosa (Colenso 1884)
- N. sp. (unnamed; aff. N. dichondrifolia) (hairs present on both surfaces of leaf, straight, not hooked as in N. dichondrifolia) (unc)
- Ourisia macrophylla ssp. robusta (unc)
- Oxalis exilis
- Parahebe diffusa ssp. diffusa
- Parietaria debilis
- Peperomia utvilleana
- Plantago raoulii
- Polygonum salicifolium agg.
- Potentilla anserinoides
- Pratiâ angulata agg.
- P. perpusilla (unc)
- Ranunculus glabrifolius
- R. reflexus
- Rorippa palustris (unc)

Sarcocornia quinqueflora
Samolus repens var. *repens*
Scandia sp. (*S. rosifolia* agg.)
 (leaflets ovate-lanceolate)
Schizilema trifoliolatum
Sebaea ovata
Selliera radicans agg.
Spergularia media
Stackhousia minima (Cheeseman
 1925)
Stellaria elatinooides (type loc.)
S. decipiens (incl. *S. parviflora*)
Urtica incisa
U. linearifolia
U. incisa X *U. linearifolia* (?)
Wahlenbergia rupestris

No. of species: 380.

Doubtful and erroneous records

Myosotis lacta (Cheeseman 1925)

Carex ternaria (Colenso 1884)

Hebe salicifolia (Elder 1953)

Asplenium bulbiferum (Druce 1967)

Epilobium hirtigerum (Druce 1967)

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② Parris, B. 1972: The genus Doodia R.Br. (Blechnaceae: Filicales) in New Zealand. N.Z. J. Bot. 10: 585-604.

③ Pritchard, G.G. 1957: Experimental taxonomic studies on species of Cardamine Linn. in New Zealand. Trans. R. Soc. N.Z. 85: 75-89.

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Invent above

① Orchard, A.E. 1979: Myriophyllum (Haloragaceae) in Australasia. 1. New Zealand: a revision of the genus and a synopsis of the family. Brunonia 2: 247-87

① Edgar, E. 1970: In "Flora of N.Z." Vol. 2. Government Printers, Wellington. 354 pp.

③ Patric, D. 1896: List of the flowering plants indigenous to Otago, with indications of the distribution and range in altitude. Trans. N.Z. Inst. 28: 540-91. (P. 561: "I have found this species also in the bed of the Tukituki, near Waipawa. I mention this as I have not seen it recorded as occurring in the North Island.")