NATIVE VASCULAR PLANTS OF MOEHAU

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Moehau, the highest point (892 m) of the Coromandel Peninsula, is the northern limit for a number of montane plants, and these are marked in the species list below with a superscript N. Of these, Cordyline indivisa, Gaultheria depressa var. novae-zelandiae and Juncus novae-zelandiae are apparently now extinct here (Moore 1973; no recent collections).

The list aims at completeness for the higher-altitude scrub, bog and rocky areas and for the forest above c. 100 m in the vicinity of the tracks from the east (Stony Bay) and west (Hope Stream). Two old collections, of Dicksonia lanata and Brachyglottis myrianthos, have been included although they probably were taken elsewhere on the Moehau Range. Voucher specimens for the majority of the taxa recorded here are in AK.

Listed separately are some plants apparently absent from Moehau; most of these are mid- to higher altitude plants found to the north (Great Barrier) and south (Coromandel Pen.).

Some records of Adams (1889) which appear to be in error are also listed; the relevant specimens have not been located.

Number of species: 269

FERNS

Adiantum cunninghamii
A. diaphanum
A. fulvum
A. viridescens
Anarthropteris lanceolata
Asplenium bulbiferum ssp. bulbiferum
A. flaccidum ssp. flaccidum
A. lamprophyllum
A. polyodon
Blechnum chambersii
B. colensoi
B. discolor
B. filiforme
B. fluviatile
B. fraseri
B. membranaceum
B. nigrum
B. vulcanicum
B. sp. (a) (B. capense gp.; common sp.)
B. sp. (b) (Lomaria latifolia)
Ctenopteris heterophylla
Cyathea cunninghamii
C. dealbata
C. medullaris
C. smithii
Dicksonia fibrosa
D. lanata ("Cape Colville" AK114676)
D. squarrosa
Doodia media ssp. media
Gleichenia cunninghamii
G. dicarpa
G. microphylla
Grammitis billardieri
G. ciliata
G. magellanica ssp. nothofageti
G. pseudociliata
Histiopteris incisa
Hymenophyllum armstrongii
H. demissum
H. dilatatum
H. ferrugineum
H. flabellatum
H. flexuosum
H. lyallii
H. multifidum
H. rarum
H. revolutum
H. sanguinolentum
H. scabrum
H. villosum^{N} (Adams AK14018; JSD)
Hypolepis rufobarbata
H. tenuifolia
Lastreopsis glabella
L. hispida
Leptopteris hymenophylloides
Lindsaea trichomanoides

Lygodium articulatum
Paesia scaberula
Phymatosorus diversifolius
P. scandens
Pneumatopteris pennigera
Pteridium esculentum
Pyrrosia serpens
Rumohra adiantiformis
Schizaea fistulosa
Trichomanes elongatum
T. endlicherianum
T. strictum
T. venosum
T. reniforme

FERN ALLIES

Lycopodium billardieri
L. deuterodensum
L. laterale
L. scariosum
L. volubile
Tmesipteris elongata
T. lanceolata
T. sigmatifolia
T. tannensis

GYMNOSPERMS

Agathis australis
Dacrydium biforme
D. cupressinum
D. intermedium
Libocedrus bidwillii N
Phyllocladus alpinus N
P. glaucus
Podocarpus dacrydioides
P. ferrugineus
P. hallii
P. hallii x nivalis N (Moore, Tane 19: 217)
P. spicatus

DICOT TREES & SHRUBS

Alectryon excelsus
Alseuosmia macrophylla
Aristotelia serrata
Ascarina lucida
Beilschmiedia tarairi (Esler MS.)
B. tawa
Brachyglottis myrianthos (Adams 1889 p.38)
B. repanda
Carpodetus serratus
Coprosma arborea
C. australis N
C. colensoi
C. dodonaeifolia N
C. foetidissima
C. lucida
C. rhamnoides
C. spathulata
Coriaria arborea
Corokia buddleioides var. linearis
Corynocarpus laevigatus N
Cyathodes empetrifolia
C. fasciculata
C. juniperina
Dracophyllum adamsii
D. latifolium
D. traversii
Dysoxylum spectabile
Elaeocarpus dentatus (rare)
E. hookerianus (juveniles only?)
Fuchsia excorticata
Gaultheria antipoda
G. depressa var. novae-zelandiae (AK105479)
Griselinia littoralis
G. lucida
Hebe macrocarpa var. (upland sp.; cf. H. m. var. latisepala)
Hedycarya arborea
Ixerba brexioides
Knightia excelsa
Laurelia novae-zelandiae
Leptospermum ericoides
L. scoparium
Litsea calicaris
Lophomyrtus bullata
Macropiper excelsum
Melicope ternata
Melicytus ramiflorus
Metrosideros robusta
M. umbellata
Myrsine australis
M. salicina
Nestegis lanceolata
N. montana
Olearia furfuracea
O. rani
Pentachondra pumila N
Phebalium nudum

Pittosporum cornifolium
P. kirkii
P. virgatum
Pseudopanax anomalus
P. arboreus
P. colensoi
P. crassifolius
P. edgerleyi
P. laetus
P. simplex
Pseudowintera axillaris
P. colorata
Quintinia serrata
Rhabdothamnus solandri
Schefflera digitata
Senecio kirkii var. kirkii
S. kirkii var. angustior
Toronia toru
Vitex lucens
Weinmannia silvicola var. betulina

DICOT LIANES

Clematis paniculata
Metrosideros albiflora
M. diffusa
M. fulgens
M. perforata
Muehlenbeckia australis
Parsonsia sp. or spp.
Rubus australis
R. cissoides

MISTLETOES &c

Dactylanthus taylori (Cheeseman, Man. N.Z. Fl.)
Peraxilla tetrapetala

DICOT HERBS

Acaena anserinifolia
Callitriche muelleri N
Celmisia incana N
Centella uniflora
Drapetes dieffenbachii N
Drosera peltata ssp. auriculata
Epilobium alsinoides ssp. alsinoides N
E. brunnescens ssp. brunnescens
E. pedunculare (Esler MS.)
E. rotundifolium
Galium propinquum
Geranium potentilloides (Esler MS.)
Gnaphalium gymnocephalum
G. keriense
Gonocarpus incanus
Hydrocotyle americana
H. moschata
Hypericum japonicum
Lagenifera pumila
Nertera depressa
N. dichondraefolia s.s. N
Ourisia colensoi
Ranunculus hirtus
Senecio minimus
Viola filicaulis
Wahlenbergia sp. or spp.

GRASSES

Microlaena avenacea
M. stipoides
Oplismenus imbecillus
Poa anceps
P. colensoi var. breviligulata (AKU6946) N
Rytidosperma clavatum (Esler MS.)
R. gracile
R. setifolium N

ORCHIDS

Acianthus fornicatus var. sinclairii N
Aporostylis bifolia N
Bulbophyllum pygmaeum
Caladenia catenata
Chiloglottis cornuta
Corybas aconitiflorus
C. oblongus
C. rivularis
C. trilobus
Dendrobium cunninghamii
Drymoanthus adversus
Earina autumnalis
E. mucronata
Microtis unifolia (Esler MS.)
Prasophyllum colensoi (JSD)
Pterostylis banksii
P. trullifolia
Thelymitra longifolia (Cranwell & Moore 1936 p.541)
T. venosa (JSD)

OTHER MONOCOTS

Astelia banksii
A. nervosa
A. solandri
A. trinervia
Baumea rubiginosa
B. teretifolia
B. tenax
Carex dissita
C. lambertiana
Carpha alpina N
Collospermum hastatum
C. microspermum
Cordyline banksii
C. indivisa N (Moore 1973 p.217)
Dianella nigra
Gahnia lacera
G. pauciflora
G. setifolia
G. xanthocarpa
Juncus sp. (J. gregiflorus?; upland scrub)
J. novae-zelandiae N (AK59286)
J. pallidus
J. pauciflorus (AK109523; correct habitat?)
J. planifolius
Lepidosperma australe
Libertia grandiflora
L. ixioides
L. pulchella
Luzuriaga parviflora N
Oreobolus pectinatus N
Phormium cookianum ssp. hookeri
Rhopalostylis sapida
Ripogonum scandens
Schoenus maschalinus
S. inundatus
S. reticularis
Uncinia banksii
U. rupestris N
U. uncinata
U. zotovii

NOTABLE ABSENCES

Archeria racemosa
Astelia fragrans
Celmisia adamsii
Chionochloa conspicua ssp. cunninghamii
Cortaderia fulvida
Dacrydium colensoi
D. kirkii
Elatostema rugosum
Epilobium nerteroides
Luzula picta
Nothofagus truncata
Olearia townsonii
Oxalis magellanica
Pimelea longifolia
Pittosporum huttonianum
Pseudopanax discolor

ADAMS (1889) IN ERROR

Arthropodium cirratum
Astelia linearis
Dacrydium bidwillii
Phyllocladus trichomanoides
Podocarpus nivalis

REFERENCES

Adams, J. 1889. On the Botany of Te Moehau Mountain, Cape Colville. T.N.Z.I. 21: 32-41.

Cranwell, L.M. & Moore,L.B. 1936. The Occurrence of Kauri in Montane Forest on Te Moehau. N.Z.J.Sci.Tech. 18: 531-43.

Esler, A.E. MS. dated 1.1.72. "Plants of Te Moehau, Coromandel Peninsula".

Moore, L.B. 1973. Botanical Notes on Three High Peaks overlooking the Hauraki Gulf. Tane 19: 213-20.

Moore, L.B. & Cranwell, L.M. 1934. Induced Dominance of Microlaena avenacea (Raoul) Hook.f. in a New Zealand Rain Forest Area. Rec.Auck.Inst.Mus. 1: 219-38.