

CHECKLIST OF INDIGENOUS PLANTS OF PUKEITI PRIVATE SCENIC RESERVE*

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This checklist is based mainly on a list compiled in 1981 by Clarkson, B.R.; Boase, M.R.; Clarkson, B.D.; and Hair, R. and published in Clarkson & Boase (1982). It has been updated based on a recent visit (02/01/2012) and with reference to Mackay (2011). *For a vegetation map of the reserve see Clarkson & Boase (1982).

Ferns and Lycopods (61 taxa)

Adiantum cunninghamii
Asplenium bulbiferum
Asplenium bulbiferum X A. flaccidum
Asplenium flaccidum subsp. flaccidum
Asplenium oblongifolium
Asplenium polyodon
Blechnum chambersii
Blechnum colensoi
Blechnum discolor
Blechnum filiforme
Blechnum fluviatile
Blechnum membranaceum
Blechnum nigrum
Blechnum novae-zelandiae
Botrychium bifforme
Ctenopteris heterophylla
Cyathea cunninghamii
Cyathea dealbata
Cyathea medullaris
Cyathea smithii
Dicksonia squarrosa
Grammitis billardieri
Grammitis sp. (G. patagonica?)
Huperzia varia (incl. L. billardierei & L. novozelandicum)
Histiopteris incisa
Hymenophyllum atrovirens
Hymenophyllum demissum
Hymenophyllum dilatatum
Hymenophyllum ferrugineum
Hymenophyllum flabellatum
Hymenophyllum flexuosum
Hymenophyllum multifidum
Hymenophyllum rarum
Hymenophyllum revolutum
Hymenophyllum sanguinolentum
Hymenophyllum scabrum
Hypolepis rufobarbata
Lastreopsis glabella

Lastreopsis hispida
Leptopteris hymenophylloides
Leptopteris superba
Lindsaea trichomanoides
Loxogramme dictyopteris
Lycopodium scariosum
Lycopodium volubile
Microsorium pustulatum
Microsorium scandens
Paesia scaberula
Polystichum silvaticum
Pneumatopteris pennigera
Pteridium esculentum
Pteris macilentia
Pyrosia eleagnifolia
Rumohra andiantiformis
Sticherus cunninghamii
Tmesipteris elongata
Tmesipteris tannensis
Trichomanes elongatum
Trichomanes reniforme
Trichomanes strictum
Trichomanes venosum

Orchids (21 taxa)

Caladenia sp.
Drymoanthus adversus
Earina aestivalis (Mackay 2011)
Earina autumnalis
Earina mucronata
Ichthyostomum pygmaeum
Microtis aff. unifolia (Mackay 2011)
Microtis unifolia
Nematocerus hypogaeum (Mackay 2011)
Nematocerus longipetalum (Mackay 2011)
Nematocerus rivulare
Nematocerus trilobum
Singularybas oblongus
Orthoceras novae-zeelandiae (Mackay 2011)
Pterostylis banksii
Pterostylis cardiostigma (Mackay 2011)
Pterostylis aff. montana
Pterostylis irsoniana
Thelymitra longifolia
Thelymitra aff. longifolia (Mackay 2011)
Winika cunninghamii

Monocot herbs and grasses (25 taxa)

Astelia fragrans

Astelia solandri
Carex dissita
Carex secta
Collospermum hastatum
Collospermum microspermum
Cortaderia fulvida
Cyperus ustulatus
Dianella nigra
Eleocharis gracilis
Gahnia setifolia
Isolepis reticularis
Juncus edgariae
Juncus pallidus
Juncus planifolius
Juncus sarophorus
Libertia micrantha
Microlaena avenacea
Microlaena stipoides
Poa anceps
Rytidosperma gracile
Schoenus maschalinus
Uncinia banksii
Uncinia ferruginea
Uncinia uncinata

Dicot herbs (34 taxa)

Anaphalioides bellidioides
Anaphalioides trinervis
Acaena anserinifolia
Cardamine debilis agg.
Centella uniflora
Dactylanthus taylorii (R Hair 1959)
Epilobium brunnescens
Epilobium nerteroides
Epilobium pedunculare
Epilobium rotundifolium
Euchiton audax
Euchiton collinus
Euchiton limosus
Euchiton sp. (Mackay 2011)
Gonocarpus micranthus
Gunnera monoica
Haloragis erecta
Hydrocotyle dissecta
Hydrocotyle heteromeria
Hydrocotyle microphylla
Hydrocotyle moschata
Jovellana repens
Lagenifera pumila
Leptinella squalida

Lobelia angulata
Nertera depressa
Nertera dichondrifolia
Ourisia macrophylla
Oxalis exilis
Ranunculus reflexus
Senecio minimus
Senecio rufiglandulosus
Stellaria parviflora
Viola filicaulis

Gymnosperm trees (4 taxa)

Libocedrus bidwillii (R Hair 1959)
Dacrydium cupressinum
Podocarpus cunninghamii
Prumnopitys ferruginea

Trees and shrubs (55 taxa)

Alseuosmia macrophylla
Aristotelia serrata
Ascarina lucida
Beilschmiedia tawa
Brachyglottis elaeagnifolia
Brachyglottis kirkii var. kirkii
Brachyglottis repanda
Carpodetus serratus
Coprosma dumosa (= C. tayloriae)
Coprosma grandifolia
Coprosma grandifolia X C. tenuifolia (Mackay 2011)
Coprosma lucida (incl. C. lucida var. angustifolia)
Coprosma robusta
Coprosma robusta X C. tenuifolia
Coprosma tenuifolia
Coriaria arborea
Coriaria pteridioides
Cordyline banksii
Cordyline indivisa
Dysoxylum spectabile
Elaeocarpus dentatus
Fuchsia excorticata
Gaultheria antipoda
Geniostoma rupestre
Griselinia littoralis
Griselinia lucida
Hebe stricta var. egmontiana
Hebe stricta var. stricta
Hedycarya arborea
Knightia excelsa
Laurelia novae-zealandiae
Leptospermum scoparium

Lophomyrtus bullata (Mackay 2011)
Melicytus lanceolatus
Melicytus ramiflorus
Metrosideros robusta
Myrsine salicina
Nestegis cunninghamii
Nestegis lanceolata
Nestegis montana (Mackay 2011)
Olearia arborescens
Olearia rani
Ozothamnus vauvilliersii
Pittosporum cornifolium
Pittosporum kirkii
Pseudopanax arboreus
Pseudopanax crassifolius
Raukua edgerleyi
Syzygium maire
Pseudowintera axillaris
Pseudowintera colorata
Rhabdothamnus solandri
Rhopalostylis sapida
Schefflera digitata
Solanum aviculare var. aviculare

Climbers (11 taxa)

Clematis paniculata
Freycinetia banksii
Metrosideros diffusa
Metrosideros fulgens
Metrosideros perforata
Muehlenbeckia australis
Parsonsia capsularis
Parsonsia heterophylla
Ripogonum scandens
Rubus australis
Rubus cissoides

Native species not indigenous to the reserve: naturalised from planting (9 taxa)

Brachyglottis turneri (planted); indigenous to inland Taranaki/Wanganui
Corynocarpus laevigatus (planted?); widespread from Maaori cultivation
Elatostema rugosum (planted); common on sedimentary hill country of inland Taranaki
Hoheria populnea (planted); the Hoheria indigenous to the Egmont Ecological District is H. sexstylosa
Jovellana sinclairii (Mackay 2011); naturalised from planted individuals. There are no records of this species from the Egmont Ecological District (see Druce 1973 doubtful and erroneous records); found naturally on the east coast North Island
Machaerina sinclairii (planted?); rare on ringplain e.g. near Lake Mangamahoe but common on sedimentary hill country of inland Taranaki

Marattia salicina (planted only?); indigenous to lower coastal slopes of Kaitake Range (Clarkson 1985)
Nematocerus papa (planted; Mackay 2011). Sedimentary hill country of inland Taranaki especially Mt Messenger
Olearia cheesemanii (planted); indigenous to rocky gorges e.g. Motu River in North and South Island
Pseudopanax laetus (planted); indigenous to inland Taranaki and northern North Island

Doubtful and erroneous records (8 taxa)

Asplenium hybrid (Mackay 2011); this may be *A. gracillimum* which is known from the Kaitake Range (Clarkson 1985); the hybrid *A. bulbiferum* X *A. flaccidum* listed by Clarkson & Boase (1982) is not this taxon
Coprosma parviflora (Mackay 2011); this is *Coprosma dumosa* (= *C. tayloriae*) see Glenny & Cruickshank 2011; the name *C. parviflora* was used by Clarkson & Boase (1982) in the broad sense of Allan 1961
Coprosma parviflora var. *dumosa* (*Coprosma decurva*) (Mackay 2011); this is *Coprosma dumosa* (= *C. tayloriae*); *C. decurva* is a very distinct tightly divaricating shrub of the Ahukawakawa mire in Egmont National Park
Coprosma lucida X *C. tenuifolia* (Jellyman 1964); see Druce (1973)
Coprosma lucida hybrid (Mackay 2011) no such hybrid verified
Hymenophyllum minimum (Mackay 2011); listed tentatively but see Druce (1973)
Hymenophyllum ?atrovirens (Mackay 2011); listed tentatively and currently known only from Kaitake Range (see Druce 1973)
Pseudowintera axillaris X *P. colorata* (Mackay 2011); no hybrid verified and not listed by Druce (1973); plant illustrated is probably *P. axillaris* sun form

References

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