

VASCULAR PLANTS OF PRIVATE FOREST WAIWERA-HATFIELDS

A.E. Wright

On Saturday 15 April 1989 twenty members joined Mr Gerard Straka to explore a large tract of forest on his family's farm between Waiwera and Hatfield's Beach (NZMS 260 Sheet R10 Whangaparaoa between G.R. 605149 and G.R. 617144). The mixed forest includes fine stands of kauri and its associates on ridges, remnant groups of hard beech (including several seedlings), very large specimen trees of puriri and a single large, well-shaped tree of pohutukawa crossed with northern rata. The forest extends from dry ridgetops down to valley floors with streams and occasional minor development of swampy habitat. Numerous rotting stumps indicate logging in the past, though some of the forest would be at least 150 years old, and may even be pre-European.

With the help of all present a species list of the vascular plants seen was compiled, and this follows. Between 1980 and 1982 Gerard Straka and Paul Scofield made collections of plants from this forest for the Auckland Institute and Museum Herbarium. Where AK numbers in the 150 and 160,000's appear, these are voucher specimens for our records from amongst their earlier collections. Where one of their specimens is marked + this taxon was not seen during our 1989 visit. Later AK numbers are voucher specimens collected on our field trip. *denotes adventive species.

FERNS AND FERN ALLIES

Adiantum cunninghamii
A. fulvum
A. viridescens
Anarthropteris lanceolata
Asplenium bulbiferum
A. flaccidum
A. oblongifolium
A. polyodon
Blechnum capense sensu Allan (1961)
B. chambersii
B. discolor AK 153603
B. filiforme AK 151793
B. fraseri
B. membranaceum
Cyathea dealbata
C. medullaris
Dicksonia squarrosa
Doodia media
Grammitis ciliata AK 153150
Hymenophyllum demissum AK 151886
H. dilatatum
H. revolutum
H. sanguinolentum AK 151686
Lastreopsis glabella
L. hispida
Lindsaea linearis AK 160047
L. trichomanoides var. *lessonii* AK 151885, 152765
L. trichomanoides var. *trichomanoides* AK 151894
Lycopodium deuterodensum AK 151781

L. varium
Lygodium articulatum
Paesia scaberula
Phymatosorus diversifolius
P. scandens
Pneumatopteris pennigera
Pteridium esculentum
Pteris macilentata
P. tremula
Pyrrosia serpens
Schizaea dichotoma AK 151687
S. fistulosa AK 151685, 183113
Tmesipteris elongata subsp. *elongata* AK 151689, 151690
T. lanceolata
Trichomanes reniforme AK 153147

GYMNOSPERMS

Agathis australis
Dacrycarpus dacrydioides
Dacrydium cupressinum
Phyllocladus trichomanoides
Podocarpus hallii
P. totara
Prumnopitys ferruginea

DICOTYLEDONS

Acaena novaezealandiae AK 151840
Alectryon excelsus
Beilschmiedia tarairi
B. tawa
B. aff. tawaroa
Callitriche muelleri AK 183107
*C. stagnalis**
Carmichaelia aligera
Carpodetus serratus
*Centaurium erythraea**
Centella uniflora
*C. vulgare**
Clematis paniculata
Coprosma arborea
C. areolata
C. grandifolia
C. lucida
C. rhamnoides
C. spathulata
Corynocarpus laevigatus
Cyathodes fasciculata AK 155407
C. juniperina AK 155408
*Digitalis purpurea** AK 151805
Dracophyllum latifolium
Drosera peltata subsp. *auriculata* AK 151684
Dysoxylum spectabile
Elaeocarpus dentatus
Elatostema rugosum AK 151595
Galium propinquum AK 183112
Geniostoma rupestre

Gnaphalium coarctatum*
Gonocarpus incanus
Griselinia lucida
Hakea sericea* AK151888+
Hoheria populnea
Hypochoeris radicata*
Knightia excelsa
Kunzea ericoides
Leptopsermum scoparium
Lobelia anceps AK 152770+
Lotus pedunculatus*
Macropiper excelsum
Melicope simplex x ternata
Melicytus ramiflorus
Metrosideros diffusa
M. excelsa x robusta
M. fulgens
M. perforata
Myrsine australis
M. salicina
Nasturtium ?officinale*
Nertera depressa
N. dichondraefolia AK 153148
Nestegis lanceolata
N. montana
Nothofagus truncata AK 183111
Olearia furfuracea
O. rani
Parsonsia heterophylla
Passiflora tetrandra
Pennantia corymbosa AK 183051,6,7
Phebalium nudum
Pittosporum cornifolium
P. eugenioides
P. tenuifolium AK 183108
Plantago lanceolata*
Pomaderris kumeraho
Prunella vulgaris*
Pseudopanax crassifolius
Ranunculus reflexus
R. repens*
Rubus australis
R. cissoides
Schefflera digitata
Solanum americanum*
Sophora microphylla
Streblus heterophyllus
Ulex europaeus*
Vitex lucens
Weinmannia silvicola

MONOCOTS

Acianthus fornicatus var. sinclairii AK 151683, 151808
A. reniformis AK 151682
Astelia solandri
Bulbophyllum pygmaeum AK 158814
Caladenia carnea AK 151809

Carex dissita
C. lessoniana
C. virgata
Collosperrum hastatum
Cordyline australis
C. pumilio AK 152767
Corybas aconitiflorus
C. oblongus AK 151810, 155422
C. trilobus AK 155421+
Cyperus eragrostis*
C. ustulatus
Dendrobium cunninghamii
Dianella nigra
Earina mucronata AK 151580
Freycinetia banksii
Gahnia lacera
G. pauciflora AK 151887
G. setifolia
G. xanthocarpa
Juncus articulatus
J. effusus* AK 183110
J. gregiflorus
J. planifolius AK 151811
J. prismatocarpus AK 183106
J. sarophorus
J. tenuis*
Microlaena avenacea
M. stipoides
Oplismenus imbecillis
Pterostylis alobula AK 151691
P. banksii AK 151843, 151845
P. brumalis AK 155417
P. graminea var. graminea AK 155403+
P. graminea var. rubricaulis AK 151681, 155404
P. trullifolia AK 151884, 155408
Rhopalostylis sapida
Rytidosperma biannulare AK 183108
Schoenus maschalinus
S. tendo AK 151895
Scirpus reticularis AK 151581+
Thelymitra sp.
Typha orientalis
Unicinia banksii
U. uncinata
U. zotovii