

**A PLANT LIST FOR PUKEKARORO SCENIC RESERVE,
KAIWAKA, NORTH AUCKLAND**

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While the spectacular stand of regenerating kauri on the slopes of Mt Pukekaroro, a conspicuous dacite cone 3 km north of Kaiwaka, is familiar to all who know the main highway north of Auckland, relatively few have visited the reserve. On Saturday 12 April 1986 Botanical Society combined with the Northern Branch of Royal Forest and Bird Society for a joint field trip. We met at Mr Tom Coates farm and heard a little of the early history, of how logs were transported by tramway to a nearby inlet of the Kaipara, and of the peacocks that used to strut the lawn of the house that once stood next to the reserve. (Jane Mander lived at Pukekaroro while a child, and her pioneer novel 'The story of a New Zealand River', which is set in this area, includes details of the life of the early kauri sawmillers).

We followed the well defined ridge track that leads from Mr Coates' boundary to the summit, lunched at the summit and returned at first by the track and then via the valley to the south to take in different communities.

The following list was compiled by myself, Frank Hudson, Brian Oldham, Sandra Jones, Maureen Young, and other members on the trip. While we are fairly confident of the Ackama rosaefolia record it should be confirmed by a voucher specimen as the area is near its southern limit. The Alseuosmia macrophylla record was based on a large leaved plant resembling the Waitakere plant but with entire leaves. It might be more appropriately referred to Alseuosmia x quercifolia.

THE LIST (* indicates exotics)

Fern allies

Lycopodium deuterodensum
L. laterale
L. varium

Tmesipteris elongata
T. sigmatifolia

Ferns

Adiantum cunninghamii
A. fulvum
Anarthropteris lanceolata
Asplenium bulbiferum ssp.
 bulbiferum
A. flaccidum ssp. *flaccidum*
A. oblongifolium
A. polyodon
Blechnum chambersii
B. discolor
B. filiforme
B. fluviatile
B. fraseri
B. membranaceum
B. sp. (blackspot form)
Ctenopteris heterophylla

Cyathea dealbata
C. medullaris
Dicksonia squarrosa
Gleichenia dicarpa
Hypolepis dicksonioides
Hymenophyllum demissum
H. dilatatum
H. sanguinolentum
Lastreopsis hispida
Lindsaea linearis
L. trichomanoides
Lygodium articulatum
Phymatosorus diversifolius
P. scandens
Pneumatopteris pennigera
Pteridium esculentum

Pteris macilenta
Pyrrosia serpens
Schizaea dichotoma
S. fistulosa

Trichomanes elongatum
T. endlicherianum
T. reniforme
T. venosum

Conifers

Agathis australis
Dacrycarpus dacrydioides
Dacrydium cupressinum
Libocedrus plumosa
Phyllocladus glaucus

P. trichomanoides
Podocarpus totara
Prumnopitys ferruginea
P. spicatus

Monocots

Astelia trinervia
Bulbophyllum pygmaeum
Dendrobium cunninghamii
Dianella nigra
Collospermum hastatum
Cordyline australis
C. banksii
C. pumilio
*Cortaderia selliana**
Corybas oblongifolius
Earina mucronata
Freycinetia baueri ssp. banksii
Gahnia lacera
G. procera

G. setifolia
G. xanthocarpa
Lepidosperma australis
Microlaena avenacea
M. stipoides
Oplismenus imbecillus
Phormium tenax
Pterostylis trullifolia
Rhopalostylis sapida
Ripogonum scandens
Rytidosperma sp.
*Sporobolus africanus**
Uncinia uncinata

Dicots

Ackama rosaefolia?
Alseuosmia banksii
A. macrophylla?
Aristotelia serrata
Beilschmiedia tarairi
B. tawa
Brachyglottis repanda
Callitricha sp.
Clematis paniculata
Coprosma arborea
C. areolata
C. grandifolia
C. lucida
C. rhamnoides
C. robusta
C. spathulata
Corynocarpus laevigatus
Dracophyllum latifolium
Dysoxylum spectabile
Elaeocarpus dentatus
Elatostema rugosum
Geniostoma ligustrifolium
Conocarpus sp.
Griselinia lucida
Haloragis erecta

Hebe macrocarpa
H. stricta var. stricta
Hedycarya arborea
Knightia excelsa
Kunzea ericoides
Leptospermum scoparium
Macropiper excelsum
Melicytus macrophyllus
M. micranthus
M. ramiflorus
Metrosideros diffusa
M. fulgens
M. perforata
Mida salicifolia
Myrsine australis
M. salicifolia
Nertera dichondraefolia
Nestegis lanceolata
Olearia furfuracea
O. rani
Pittosporum cornifolium
P. eugenoides
P. tenuifolium
*Pomaderris phyllicaefolia var.
 ericifolia*

<i>Pseudopanax arboreus</i>	<i>R. cissoides</i>
<i>P. crassifolius</i>	<i>Schefflera digitata</i>
<i>Quintinia serrata</i>	<i>Toronia toru</i>
<i>Rubus australis</i>	<i>Weinmannia silvicola</i>

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**EARLY NEW ZEALAND BOTANICAL ART BY F. BRUCE SAMPSON
(REED-METHUEN, \$39.95).**

Reviewed by James Beever

This is not just the coffee-table book it might appear to be from its striking cover picture of *Metrosideros fulgens* and its forty-eight plates of which thirty are in colour. Dr Bruce Sampson, Reader in Botany at Victoria University of Wellington, uses them to illustrate the points he makes in the text which is a very readable account of the history of New Zealand botanical art up to 1914.

To do this he takes us through the relevant parts of the voyages of Cook, D'Urville and Joseph Hooker (in James Clark Ross's Antarctic expedition). Although a few early botanists like the Cunninghams, whose work produced no published botanical art, are omitted the book can be recommended as a very interesting and accurate account of the activities of the other early botanical explorers of New Zealand including the often lesser-known French. He has corrected errors common in earlier accounts. For example the three different Raouls and the two Lessons are placed in their correct historical roles.

The ample captions that accompany each plate are clearly the result of personal observation and have a freshness that lifts them above the usual mundane description so often encountered.

The earlier part of the book covers New Zealand plant portraits by the leading botanical artists in England and France, from Sydney Parkinson through to the artists employed by and often trained also by the Hookers at Kew. This description of the Hookers' work includes an enlightening account of the legendary Curtis's Botanical Magazine about which I, for one, was ill-informed.

With the exception of Fanny Osborne none of the nineteen artists whose work appears is known to have been born in New Zealand but nine of the later nineteenth century plant artists were permanent residents here and I found their work most interesting as only two were known to me. The colour plates by Georgina Hetley, Martha King and Emily Harris, all new to me, are certainly not out of place in company with the acknowledged greats, Francis Bauer and Walter Fitch.

As a layman I enjoyed the beautiful plates and as a botanist-historian I found the book very satisfying.

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