MORGANS RESERVE — ABS VISIT 19 JULY 1986

G. Davidson

An area of 21 hectares of advanced regenerating forest was secured as a reserve in 1985. Set back from the Ararimu Rd, Waimauku the land was acquired from the daughters of Ernest Morgan by the combined efforts of the Queen Elizabeth II National Trust and the N.Z. Native Forest Restoration Trust.

Originally part of a 416 acre farm the bush block was retained by the family when the farmland changed owners. The bush had been milled in the 1850s and earlier still the Ararimu Stream which flows along the southern boundary had been the portage route for Maoris crossing between the Waitemata and Kaipara Harbours.

Situated not far from the Riverhead State (Pine) Forest the reserve should be a useful source of local provenance seed if indigenous plantings are ever undertaken in an area otherwise bereft of natives.

Sloping to the south the reserve forms a basin from the ridge to the stream with a predominance of tanekaha and kauri on the higher slopes and rimu, kahikatea lower down. Access to the reserve is across a right-of-way through farmland and will be signposted early 1987.

SPECIES LIST (* indicates exotics)

This list was compiled from the lists recorded by G. Davidson, S. Jones, J. Mackinder, R. E. Beever, A. MacArthur. Weeds caused some concern, wandering Jew, selaginella, honeysuckle, tree privet — could they be controlled?

Fern allies (6)

Lycopodium deuterodensum
L. varium
L. volubile
*Selaginella kraussiana
Tmesipteris elongata
T. tannensis

Ferns (41)

Adiantum aethiopicum
A. cunninghamii
Anarthropteris lanceolata
Asplenium bulbiferum
ssp. bulbiferum
A. bulbiferum ssp. gracillimum
A. flaccidum ssp. flaccidum
A. polyodon
Azolla rubra
Blechnum chambersii
B. discolor
B. filiforme
B. fraseri
B. membranaceum
B. sp. (blackspot fern)
Cyathea dealbata
C. medullaris
Grammitis ciliata
Hymenophyllum demissum
H. dilatatum
H. flabellatum
H. revolutum
H. sanguinolentum
Lastreopsis glabella
L. hispida
Leptopteris hymenophylloides
Lindsaea linearis
L. trichomanoides
Lunathyrium japonicum
Lygodium articulatum
Paesia scaberula
Phymatosorus diversifolius
P. scandens
Pneumatopteris pennigera

C. smithii
Dicksonia squarrosa
Diplazium australe
Doodia media
Pteridium esculentum
Pteris tremula
Pyrrosia serpens
Trichomanes venosum

Conifers (8)
Agathis australis
Dacrycarpus dacrydioides
Dacrydium cupressinum
Phyllocladus trichomanoides
Podocarpus hallii
P. totara
Prumnopitys ferrugineus
P. spicatus

Monocots (31)
Acianthus fornicatus var. sinclairii
*Aponogeton distachyus
Astelia grandis
A. trinervia
Carex lessonii
C. virgata
C. sp. (in forest)
Collospermum hastatum
Cordyline australis
C. banksii
*Cortaderia sp.
Corybas aconitiflorus
C. trilobus
Dianella nigra
Earina mucronata
Freycinetia baueri ssp. banksii
Gahnia lacera
G. xanthocarpa
Lemna minor
Microlaena avenacea
Oplismenus imbecillus
Phormium tenax
Poa anceps
Pterostylis alobula
Rhopalostylis sapida
Ripogonum scandens
Schoenus tendo
*Tradescantia fluminensis
Uncinia banksii
U. uncinata
Wolffia australiana

Dicots (59)
Acaena novae-zelandiae
Alseuosmia macrophylla
Alectryon excelsus
Aristotelia serrata
Beilschmiedia tawa
Brachyglottis repanda
Carmichaelia aligera
Carpodetus serratus
Centella uniflora
Clematis paniculata
Coprosma grandifolia
C. lucida
C. rhamnoides
C. spathulata
Coriaria arborea
Cyathodes fasciculata
*Crataegus monogyna
Dysoxylum spectabile
Geniostoma ligustrifolium
*Hakea sericea
Haloragis erecta
Hebe stricta var. stricta
Hedycarya arborea
Hydrocotyle dissecta
Melicope simplex
Melicytus micranthus
M. ramiflorus
Metrosideros diffusa
M. fulgens
M. perforata
Myrsine australis
M. salicina
Nertera dichondraefolia
Nestegis lanceolata
Olearia furfuracea
O. rani
Paratrophis microphylla
Parsonsia sp.
Passiflora tetrandra
Pennantia corymbosa
Pittosporum tenuifolium
Pomaderris kumeraho
P. phylicifolia var. ericifolia
Pseudopanax crassifolius
Ranunculus hirtus
Rhabdothamnus solandri
Rubus australis
R. cissoides

Knightia excelsa
Kunzea ericoides
*Ligustrum lucidum
Leptospermum scoparium
*Lonicera japonica
Lophomyrtus bullata
*R. fruticosus agg.
Schefflera digitata
Toronia toru
*Ulex arboreus
Vitex lucens

Received 11 September 1986.

MATUKU RESERVE

A.E. Wright

These Auckland Botanical Society collections, from a field trip to Matuku Reserve on 15 February 1986, have been deposited in the Herbarium of the Auckland Institute and Museum.

AK 173878 Bromus breviaristatus auct. N.Z.
173879 Agrostis capillaris
173880 Juncus tenuis
173881 Lindsaea linearis
173882 Tmesipteris tannensis
173883 Schizaea dichotoma
173884 Adiantum diaphanum
173885 Tmesipteris lanceolata
173886 T. elongata ssp. elongata
173887 Blechnum membranaceum
173888 Pteris macilenta
173889 Blechnum fraseri
173890 B. sp. "blackspot"
173891 Microlaena stipoides
173892 Lycopodium deuterodensum
173893 Microlaena stipoides
173894 Hydrocotyle elongata
173895 Bulbophyllum pygmaeum
173896 Earina mucronata
173897 Lastreopsis glabella
173898 Hebe macrocarpa
173899 Gahnia pauciflora
173900 Parietaria debilis
173901 Haloragis erecta
173902 Lepidosperma laterale
173903 Gahnia setifolia
173904 G. lacera
173905 Pneumatopteris pennigera
AK 173906 Adiantum cunninghamii
173907 A. fulvum
173908 Pteridium esculentum
173909 Phymatosorus scandens
173910 Lastreopsis hispida
173911 Asplenium oblongifolium
173912 Cyathea dealbata
173913 Oplismenus imbecillis
173914 Eleocharis acuta
173915 Azolla filiculoides
173916 Isachne globosa
173917 Echinopogon ovatus
173918 Myriophyllum propinquum
173919 Microlaena stipoides
173920 Holcus lanatus
173921 Cyathodes juniperina
173922 Anthoxanthum odoratum
173923 Utricularia biflora
173924 Paspalum dilatatum
173925 Epilobium pallidiflorum
173926 Ludwigia peploides
173927 Dianella nigra
173928 Olearia furfuracea
173929 Freycinetia banksii
173930 F. banksii
173931 Blechnum sp."black spot"
173932 B. sp. "black spot"

Received 7 July 1986.