

*Sematophyllum amoenum* (Hedw.) Mitt.  
*S. jolliffii* (Hook.f.) Dix.  
*Sphagnum* sp.  
*Tayloria callophylla* (C.Muell.) Mitt.  
*Thuidium furfurosum* (Hook.f. & Wils.) Reichdt.  
*Trachyloma diversinerve* Hampe in F.Muell.  
*Trematodon suberectus* Mitt.  
*Tridontium tasmanicum* Hook.f.  
*Weymouthia cochlearifolia* (Schwaegr.) Dix.  
*W. mollis* (Hedw.) Broth.  
*Wijkia extenuata* (Brid.) Crum  
*Wilsoniella blindioides* (Broth.) Sainsb.  
*Zygodon obtusifolius* Hook.

| OMAHUTA | PUKETI    |
|---------|-----------|
| +       | WELT & AK |
| +       | WELT      |
| +       | WELT      |
|         | WELT      |
| WELT    | WELT      |
|         | WELT      |
|         | WELT      |
| +       | WELT      |
| +       | WELT      |
| +       | WELT & AK |
|         | WELT      |
|         | WELT      |

We are grateful for the determination of *Dicranella dietrichiae* to Allan Fife, who reports that this Australian moss is known from several localities in northern New Zealand.

### VASCULAR PLANTS OF THE A.R.A. REGIONAL PARK, WAHARAU

J.C. Smith Dodsworth

A checklist of vascular plants of the Waharau Park, near Kaiaua was first made by an Auckland Bot. Soc. field trip in July 1980. A later field trip on 18th May 1985 was able to add a considerable number of species to this list, although this is still not regarded as being complete, and the identification of a few species is still in doubt. Only a few of the introduced species are included.

#### FERNS

|                                           |                                     |
|-------------------------------------------|-------------------------------------|
| <i>Adiantum cunninghamii</i> *            | <i>H. multifidum</i>                |
| <i>Anarthropteris lanceolata</i>          | <i>H. rarum</i> n                   |
| <i>Asplenium bulbiferum</i> ssp.          | <i>H. sanguinolentum</i>            |
| <i>bulbiferum</i>                         | <i>H. scabrum</i> x                 |
| <i>A. flaccidum</i> ssp.                  | <i>Hypolepis ambigua</i> n          |
| <i>flaccidum</i>                          | <i>H. distans</i> n                 |
| <i>A. lamprophyllum</i> n                 | <i>Leptopteris hymenophylloides</i> |
| <i>A. oblongifolium</i>                   | ssp. <i>hymneophylloides</i>        |
| <i>A. polyodon</i>                        | <i>Lindsaea linearis</i>            |
| <i>Blechnum</i> sp. ( <i>B. capense</i> ) | <i>L. trichomanoides</i> n          |
| <i>B. chambersii</i>                      | <i>Lastreopsis hispida</i> *        |
| <i>B. discolor</i> n                      | <i>Lunathyrium japonicum</i> *      |
| <i>B. filiforme</i>                       | <i>Marattia salicina</i> n          |
| <i>B. fluviatile</i> n                    | <i>Paesia scaberula</i>             |
| <i>B. fraseri</i> n                       | <i>Phymatosorus diversifolius</i>   |
| <i>Ctenopteris heterophylla</i>           | <i>P. scandens</i> n                |
| <i>Cyathea dealbata</i>                   | <i>Pneumatopteris pennigera</i>     |
| <i>C. medullaris</i>                      | <i>Polystichum richardii</i> x      |
| <i>C. smithii</i> n                       | <i>Pteridium esculentum</i>         |
| <i>Dicksonia squarrosa</i>                | <i>Pyrrosia sepens</i>              |
| <i>Doodia media</i>                       | <i>Rumohra adiatiformis</i>         |
| <i>Gleichenia dicarpa</i> ssp.            | <i>Schizaea bifida</i> n            |
| <i>dicarpa</i>                            | <i>S. fistulosa</i>                 |
| <i>G. microphylla</i>                     | <i>Sticherus cunninghamii</i>       |
| <i>Histiopteris incisa</i> n              | <i>Trichomanes elongatum</i> n      |
| <i>Hymenophyllum demissum</i>             | <i>T. reniforme</i>                 |
| <i>H. dilatatum</i>                       | <i>T. venosum</i> n                 |
| <i>H. flabellatum</i> n                   |                                     |

## FERN ALLIES

*Lycopodium cernuum*  
*L. deuterodensum*  
*L. laterale* x  
*L. scariosum*

*L. varium* (*L. billardieri*)  
*L. volubile*  
*Tmesipteris elongata* \*  
*T. tannensis* n

## GYMNOSPERMS

*Agathis australis*  
*Dacrydium cupressinum*  
*Dacrycarpus dacrydioides* n  
*Libocedrus plumosa* n  
 (seedling)

*Podocarpus hallii* n  
*P. totara*  
*Prumnopitys ferrugineus*  
*P. taxifolia* n

## DICOTYLEDONS

*Acaena* sp. n  
*Alectryon excelsum* n  
 (?planted)  
*Alseuosmia macrophylla*  
 (various forms)  
*A. x quercifolia*  
*Aristotelia serrata* n  
*Beilschmiedia tarairi* n  
*B. tawa*  
*Brachyglottis repanda*  
*Callitriche muelleri* \*  
*Carpodetus serratus*  
*Centella uniflora* n  
*Clematis paniculata*  
*Coprosma australis*  
*C. lucida*  
*C. rhamnoides*  
*C. robusta*  
*C. spathulata*  
*Coriaria arborea* n  
*Cyathodes fasciculata*  
*C. juniperina*  
*Drosera auriculata* x  
*Elaeocarpus dentatus*  
*Elatostema rugosum* x  
*Fuchsia excorticata* n  
*Gaultheria antipoda* x  
*Geniostema ligustrifolium*  
*Gnaphalium* sp. n  
*Gonocarpus aggregatus*  
*Griselinia lucida* n  
*Haloragis erecta* n  
*Hedycaria arborea*  
*Hydrocotyle ?dissecta* n  
*H. sp.* n  
*Knightia excelsa*  
*Lagenifera pumila* n

*Laurelia novae-zelandiae* n  
*Leptospermum ericoides*  
*L. scoparium*  
*Lobelia anceps* n  
*Lophomyrtus bullata* n  
*Melicytus ramiflorus*  
*Metrosideros diffusa*  
*M. fulgens*  
*M. perforata*  
*). robusta* n  
*Mida salicifolia* n  
*Myrsine australis*  
*M. salicina* n  
*Nertera depressa* n  
*N. dichondraefolia*  
*Nestegis lanceolata*  
*Nothofagus truncata*  
*Olearia furfuracea*  
*O. rani*  
*Parsonsia* sp. n (only seeds  
 seen)  
*Passiflora tetrandra* n  
*Pittosporum tenuifolium*  
*Pomaderris phyllicifolia*  
*Pratia angulata* n  
*Pseudopanax anomalus* n  
*P. arboreus*  
*P. crassifolius*  
*Quintinia serrata*  
*Rubus australis* n  
*R. cissoides*  
*Senecio minimus* \*  
*Schefflera digitata* n  
*Urostemon kirkii*  
*Vitex lucens*  
*Wahlenbergia gracililis* n  
*Weinmannia sylvicola*

## MONOCOTYLEDONS, INCLUDING ORCHIDS

|                            |                           |
|----------------------------|---------------------------|
| Astelia solandri           | Gahnia lacera n           |
| A. trinervia               | G. setifolia n            |
| Bulbophyllum pygmaeum n    | G. xanthocarpa n          |
| Collospermum hastatum      | Lepidosperma ?australe *  |
| Cordyline australis n      | Microlaena avenacia n     |
| C. banksia                 | M. stipoides              |
| C. pumilio n               | Morelotia affinis         |
| Cortaderia toetoe n        | Oplismenus imbecillus *   |
| Cyperus ustulatus n        | Phormium tenax n          |
| Dendrobium cunninghamii n  | Pterostylis trullifolia n |
| Dianella nigra             | Rhopalostylis sapida      |
| Dichalachne sp. *          | Ripogonum scandens        |
| Drymoanthus adversus n     | Rhytidospermum sp. *      |
| Earina autumnalis n        | Schoenus tendo n          |
| E. mucronata n             | Uncinia ?banksii n        |
| Echinopogon ovatus *       | U. uncinata n             |
| Freycinetia baueriana ssp. |                           |
| banksii                    |                           |

## ADVENTIVES

|                      |                       |
|----------------------|-----------------------|
| Cupressus macrocarpa | Phytolacca octandra n |
| Hakea sericea        | Pinus pinaster        |
| H. salicina          | Senecio jacobaea n    |
| Cortaderia jubata n  | Ulex europaeus        |
| C. selloana n        |                       |

n = new record, 1985 field trip

\* = new record and not recorded in I.L. Barton's list "On the vegetation of the Hunua ranges", N.Z.J. Bot. 10(1972).

x = recorded 1980 field trip but not seen 1985

## NEEDING CONFIRMATION

|                         |                      |
|-------------------------|----------------------|
| Blechnum penna-marina   | Ophioglossum sp.     |
| Dracophyllum sinclairii | Ranunculus rivularis |
| Drosera spathulata      |                      |

## ADDENDUM B.E. Oldham

Gleichenia circinata  
Metrosideros albiflora

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