

5. A nearn association (natural probably) at the western end of the Glade, comprising the usual *Pteridium esculentum*, *Leptospermum scoparium*, *Lycopodium* spp., *Cordyline banksii*, *Leucopogon fasciculatus*, *Gaultheria antipoda*.

NOMENCLATURE

In most cases I have followed the nomenclature of Cheeseman's "Manual of the New Zealand Flora", 1925 edition, but, acting upon the advice given to me five years ago by the late Dr H. H. Allan, I have adopted the changes made in the species names of the genera *Astelia*, *Metrosideros*, *Clematis* and *Rubus*, and the changes in all the ferns except the genera *Hymenophyllum* and *Trichomanes*. In every case I have quoted an authority.

I have followed E. D. Hatch in the naming of orchids, and V. J. Cook in the naming of sedges.

ACKNOWLEDGMENTS

I wish to thank Miss M. Crookes, the late Dr H. H. Allan and the late Dr W. R. B. Oliver for their identifications of plants.

THE SPECIES

The abbreviations following the names have these meanings: A, abundant; C, common; O, occasional; R, rare.

FILICES

- Leptopteris hymenophylloides* (A. Rich.)
Presl—O
Lygodium articulatum A. Rich.—R
Hymenophyllum sanguinolentum Swartz
—R
— *australe* Willd.—R
— *dilatatum* Swartz—O
— *demissum* Swartz—C
— *scabrum* A. Rich.—R
— *flabellatum* Labill.—R
Trichomanes reniforme Forst. f.—O
— *venosum* R. Br.—C
Dicksonia squarrosa Swartz—A
— *fibrosa* Col.—O
Cyathea dealbata Swartz—A
— *medullaris* Swartz—A
— *cunninghamii* Hook. f.—O
— *smithii* (Hook. f.) Domin—O
Leptolepia novae-zelandiae (Col.) Kuhn
—R
Paesia scaberula (A. Rich.) Kuhn—O
Pteridium esculentum (Forst. f.) Diels
—A
Histiopteris incisa (Thun.) J. Smith—O
Pteris tremula R. Br.—R
Pellaea rotundifolia (Forst. f.) Hook.—O
Arthropteris tenella (Forst. f.) J. Smith
—C
Polystichum sylvaticum (Col.) Diels—R
— *vestitum* (Sw.) Presl—R
— *richardi* (Hook.) J. Smith—O
Rumohra hispida (Sw.) Copeland—A
— *adiantiformis* (Forst. f.) Ching—R
Ctenitis glabella (A. Cunn.) Copeland
—O
— *decomposita* (R.Br.) Copeland—O

- Cyclosorus penniger* (Forst. f.) Copeland
—A
Athyrium australe (R. Br.) Presl—O
Blechnum filiforme (A. Cunn.) Ettingsh.
—A
— *minus* (R. Br.) Cockayne—O
— *lanceolatum* (R. Br.) Sturm—O
— *procerum* (Forst. f.) Labill.—A
— *fluviatile* (R.Br.) Salom.—C
— *discolor* (Forst. f.) Keys—C
Asplenium falcatum Lam.—C
— *lucidum* Forst. f.—C
— *flaccidum* Forst. f.—A
— *bulbiferum* Forst. f.—C
Pyrrosia serpens (Forst. f.) Ching—A
Microsorium pustulatum (Forst. f.)
Copeland—A
— *diversifolium* (Willd.) Copeland—C
Grammitis billardieri Willd.—O
Anarthropteris dictyopteris (Mett.)
Copeland—C

LYCOPODIACEAE

- Lycopodium billardieri* Spring.—R
— *densum* Labill.—O
— *volubile* Forst. f.—O
Tmesipteris tannensis Bernh.—O

TAXACEAE

- Podocarpus ferrugineus* D. Don—A
— *spicatus* R. Br.—O
— *dacrydioides* A. Rich.—O
Dacrydium cupressinum Sol. ex Forst. f.
—C
Phyllocladus trichomanoides D. Don—R

PANDANACEAE

- Freycinetia banksii* A. Cunn.—C