

CHECKLIST OF BRYOPHYTES

GORE BAY SCENIC RESERVE

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The following list of bryophytes is a list of the plants collected during a field trip with the Canterbury Botanical Society to Gore Bay Scenic Reserve 13th October, 1979. It is by no means a complete list of the bryophytes present in the reserve. The most interesting find was that of Desmatodon lingulatus which was previously known from the North Island and the Dunedin region in the South Island. It was quite abundant on damp clay exposed by a recent landslide. The find of Fissidens oblongifolius represents the first record from the South Island.

In the list the genera are arranged in systematic order, whereas the species are in alphabetical order. The specimens are kept in the herbarium at Botany Division, D.S.I.R.

Musci

- Fissidens leptocladus Rodw.
- Fissidens oblongifolius Hook.f. et Wils.
- Fissidens pungens C. Muell. et Hamp.
- Fissidens tenellus Hook.f. et Wils.
- Weisia controversa Hedw.
- Desmatodon lingulatus (Hook.f. et Wils.) Sainsb.
- Zygodon intermedius B.S.G.
- Pohlia nutans (Hedw.) Lindb.
- Bryum sp. (without sporophytes)
- Philonotis tenuis (Tayl.) Reichdt.
- Racopilum robustum Hook.f. et Wils.
- Racopilum strumiferum (C. Muell.) Mitt.
- Cryphaea tenella (Schwaegr.) C. Muell.
- Neckera laevigata Hook.f. et Wils.
- Distichophyllum microcarpum (Hedw.) Mitt.
- Pterygophyllum dentatum (Hook.f. et Wils.) Dix.
- Hypopterygium novae-seelandiae C. Muell.
- Thuidiopsis furfurosa (Hook.f. et Wils.) Fleisch.
- Rhynchostegium tenuifolium (Hedw.) Reichdt.
- Eurhynchium asperipes (Mitt.) Dix.
- Oxyrrhynchium praelongum (Hedw.) Warnst.
- Sematophyllum contiguum (Mitt.) Mitt.
- Hypnum cupressiforme Hedw.

Hepaticae

Schistochila sp.

Lophocolea bidentata (L.) Dum.

Lophocolea lenta (Hook.f. et Tayl.) Tayl.

Lophocolea semiteres (Lehm.) Mitt.

Lophocolea sp. (2-celled gemmae from leaf and stem apices)

Chiloscyphus sp.

Plagiochila cf. fasciculata Lindenb.

Plagiochila cf. lyallii Mitt.

Radula buccinifera (Hook.f. et Tayl.) Tayl.

Symphyogyna prolifera Col.

Aneura sp.

Metzgeria hamata Lindenb.

Asterella tenera (Mitt.) Schust.

Lunularia cruciata (L.) Dum.

Anthoceros sp.

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