

CRYPTOGAMS -- HEPATICS (Liverworts And Hornworts)

Allison KW & Child J (1975) Liverworts of New Zealand. University of Otago Press, Dunedin, NZ. 300 pp.

Easy to follow keys, descriptions, and illustrations of NZ hepatics, aimed at users with a hand lens. Useful in Tasmania or as an adjunct to Scott (1985) for habit diagrams and comparison of descriptions.

Bednarek-Ochyra H, Vana J, Ochyra R & Lewis Smith RI (2000) The liverwort flora of Antarctica. Polish Academy of Sciences, Institute of Botany, Cracow. 236 pp. ISBN 8385444742.

A critical evaluation of all available specimens and data on the Antarctic hepatic flora, including the Australian territories and islands.. Provides keys, detailed taxonomic descriptions with illustrations, together with associated reproductive, ecological and distributional (both regional and global) information.

Eldridge D & Tozer M (1997) A practical guide to soil lichens and bryophytes of Australia's dry country. NSW Dept of Land & Water Conservation, Sydney, NSW. 80 pp. ISBN 0731303024.

An excellent general guide to the organic soil-crusts of the Australian rangelands, with a view to their use as indicators of land and soil condition. The main groups involved – lichens, mosses, hepatics, and cyanobacteria are discussed, and a brief and easy key provided to assign samples to them; the more conspicuous genera are described and illustrated with excellent colour photos.
RECOMMENDED

Entwisle TJ (ed.) (1994) Aquatic cryptogams of Australia:- a guide to the larger fungi, lichens, macroalgae, liverworts and mosses of Australian inland waters. Australian Society for Limnology, Abbotsford, Vic. (Australian Society for Limnology special publication no. 10) 151 pp. ISSN 0156-8426.

Key to the major groups of the title, then keys within each group. Black and white drawings of selected species.

Jarman SJ & Fuhrer BA (1995) Mosses and liverworts of rainforest in Tasmania and south-eastern Australia. CSIRO and Forestry Tasmania, East Melbourne. 134 pp. ISBN 0643056858.

A short introductory section on bryophytes, followed by brief descriptions and superb colour photos for c. 100 species. A good introductory guide.

McCarthy PM (2003) Catalogue of Australian liverworts and hornworts. Flora of Australia Supplementary Series no 21. Australian Biological Resources Study, Canberra / CSIRO Publishing, Collingwood, Vic. 138 pp. ISBN 0642568294 (9780642568298).

Not directly for identification, but lists 869 accepted taxa with synonyms, misapplied names and lists of literature including direct identification resources. Now superseded by McCarthy (2006).

McCarthy, P.M. (2006 - ongoing) Checklist of Australian liverworts and hornworts. Australian Biological Resources Study, Canberra. Version 6 April 2006.

ELECTRONIC RESOURCE: ON-LINE

http://www.anbg.gov.au/abrs/liverwortlist/liverworts_intro.html

Not an identification tool as such, but provides a comprehensive list of recognised current names and synonyms, publication details, distribution by State, and references.

Schuster RM (2000, 2002) Austral Hepaticae. J Cramer, Berlin. (2 vols.)

Part 1: (*Nova Hedwigia*, Beiheft 118; 524 pp., ISBN 344351040X);

Part 2: (*Nova Hedwigia*, Beiheft 119; 606 pp., ISBN 3443510418). ISSN (series) 14389134.

A scientific journal paper, not easily available except from botanical research libraries, but important for the Australian liverworts. Full keys, technical descriptions, detailed line drawings.

Scott GAM (1985) Southern Australian liverworts. Australian Government Publishing Service, Canberra. (Australian flora and fauna series no. 2) 216 pp. ISBN 064403632X.

Keys to and descriptions of the liverwort and some hornwort species; limited, now dated, and with some omissions due to being based on the author's collections only, and essentially covering only the south-east of the continent. Good illustrations.