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The Marine Benthic Flora of Southern Australia, Rhodophyta — Part IIIA

Bangiophyceae and Florideophyceae (Acrochaetiales to Gigartinales)

OUT OF PRINT

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This volume continues the landmark series begun in 1984, providing monographic accounts of the marine algae of southern Australian shores.

In this volume Emeritus Professor Womersley presents the first part of his treatment of the red algae, in the same format as adopted for the Seagrasses, Chlorophyta &

Charophyta (1984) and for the Phaeophyta & Chlorophyta (1987). Seven orders, 27 families, 97 genera and 234 species are described, with keys for their identification , their distribution, full Australian synonymy, typification, and references to other major literature.

Given the difficulty of accurate identification of most of these plants, an extremely valuable feature of the work is the inclusion of detailed drawings of the vegetative and reproductive structures of each species, and inclusion of habit photographs of representative taxa.

Six co-authors contributed to accounts of various families or orders: K.S. Edyvane, M.D. Guiry, J.M. Huisman, G.T. Kraft, J.A. Lewis and W.J. Woelkerling. There are 35 new taxa or new combinations, including one new generic name, as well as commentary on the taxonomic and nomenclatural standing of many others.

This book is an essential reference work on an important group of organisms. It will have relevance far beyond the shores of southern Australia.

About the Senior Author

Emeritus Professor Womersley has an outstanding international reputation for his research on the marine algae of southern Australian shores. He spent 40 years as a researcher and lecturer in phycology at the University of Adelaide, and in retirement has continued work in association with the State Herbarium of South Australia. He has published over 80 papers on marine algae, including substantial ecological and monographic accounts. His taxonomic work is being brought together in this series.

About this book

Book series: [Flora of Australia Supplementary Series](#), Number 1

Publisher: Australian Biological Resources Study

Year: 1994

Authors: H.B.S.Womersley & co-authors

ISBN-10: 0 642 19807 1

ISBN-13: 978 0 642 19807 5

Size: 250 × 176 mm (B5)

Number of pages: 508 pages, index, bibliography

Binding: Softcover, section stitched

Illustrations: 14 colour plates, 167 black and white plates, 4 maps

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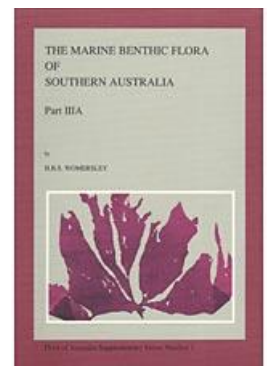
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Flora of Australia Supplementary Series
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The Marine Benthic Flora of Southern Australia, Rhodophyta — Part IIIA Bangiophyceae and Florideophyceae (Acrochaetales to Gigartinales) cover

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The marine benthic flora includes photosynthetic organisms from a diverse range of taxonomic groups, including green, brown, and red algae (Chlorophyta, Phaeophyceae and Rhodophyta, respectively), angiosperms (Magnoliophyta) and bacteria (Cyanophyta or Cyanobacteria). Several recent publications have highlighted the lack of information regarding the marine benthic flora of northwest Western Australia (e.g. Huisman et al., 1998). This report provides a checklist of the marine benthic flora of the Dampier Archipelago collected during the Western Australian Museum expeditions of 1998/1999. It should be treated as a companion piece to Huisman and Borowitzka. Macroalgae associated with mangroves in Australia: Rhodophyta. *Botanica Marina* 37: 181-191. The marine benthic flora of Southern Australia part IIIA 1994. Australian Biological Resources Study, Canberra. Available: http://www.flora.sa.gov.au/efsa/Marine_Benthic_Flora_SA/Part_IIIA/Bangia_atropurpurea_atropurpurea.shtml. (March 2016). 10 References Quoted But Not Accessed. Marine algae of the southern Great Barrier Reef. Part I. Rhodophyta. Australian Coral Reef Society, Handbook 2, Brisbane. Damann, K. E. 1979.