

ANTARCTIC MARINE PROTISTS

Fiona J. Scott & Harvey J. Marchant

Protists are microscopic algae and protozoa, formerly thought of as single-celled plants and animals.

Planktonic protists constitute the base of marine food webs and play a key role in global ocean-atmospheric gas exchange.

This book is a comprehensive guide to the protists that live in the surface waters and sea-ice around Antarctica.

More than 550 organisms are described and superbly illustrated with over 1300 light and electron micrographs and drawings.

The inclusion of an extensive bibliography of the widely scattered literature makes *Antarctic Marine Protists* an indispensable resource for marine biologists.

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Edited by Fiona J. Scott
& Harvey J. Marchant



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Australian Biological Resources Study
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Protists, the phytoplankton and protozoa, account for over 90 percent of the biomass of all living organisms in the ocean. They constitute the base of marine food webs and play a key role in the exchange of carbon dioxide between atmosphere and ocean.

The literature on Antarctic marine protists is widely scattered in journals and specialised texts. Until now there has been no single resource that draws this information together to enable non-specialists to identify and readily access the literature on these fundamentally important organisms.

Antarctic Marine Protists describes and illustrates with light and electron micrographs and detailed drawings the more than 550 species of protists found in the surface waters and sea-ice south of the Antarctic Polar Front. A bibliography of more than 1000 entries and a glossary will make this an indispensable resource for marine biologists.

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CONTRIBUTING AUTHORS

Andrew T. Davidson
Claire S. Findlay
Gustaaf M. Hallegraeff
Harvey J. Marchant
Andrew McMinn
Wolfgang Petz
Patrick G. Quilty
Fiona J. Scott
David P. Thomas
Jeremy R. Young
John van den Hoff