

BOOK REVIEWS

Kevin D. Hyde (ed.). *Fungi in marine environments. Fungal Diversity Research Series, vol. 7.* (Fungal Diversity Press, Centre for Research in Fungal Diversity, Department of Ecology & Biodiversity, The University of Hong Kong, Pokfulam Road, Hong Kong SAR, China.) ISBN 962-85677-8-0. Pp. 397, with numerous text-figs. Price: US\$ 80.

This book is dedicated to the world-known specialist in marine mycology, E. B. Gareth Jones on the occasion of his 65th birthday, for his substantial contribution to marine mycology. It contains 22 contributions by a multitude of authors, grouped around the central theme of Fungi in marine environments. The book is divided into three parts. Part 1 (organisms), contains contributions on fungal species: taxonomy, based on morphology as well as molecular characters, treating groups like the Oomycete genus *Halophytophthora*, and ascomycete groups like the Halosphaeriales, Loculoascomycetes, *Lophiostoma* and *Massarina*, as well as marine yeasts, and a contribution on anamorph-teleomorph connections in marine ascomycetes. Part 2 is devoted to ecology, mainly to mangrove habitats and sea-grass communities, which harbour lots of marine fungi. Also the subject of endangered mangrove habitat is treated. Finally, Part 3 of the book deals with applied aspects of marine fungi, with contributions on secondary metabolites from marine fungi, bioremediation of coloured pollutants by terrestrial versus facultative marine fungi, fatty acids in Thraustochytrids, as well as molecular cloning of the isopenicillin synthase gene in the marine fungus *Kallichroma tethys*.

D. Moore. *Slayers, Saviors, Servants and Sex. An exposé of Kingdom Fungi.* (Springer Verlag, Heidelberg, 2001.) ISBN 0-387-95098-2 (paperback). Pp. 175. Price: EUR 29.95.

David Moore, a mycologist of international reputation, has written this book for a broad public to introduce them into the fascinating world of fungi. He succeeds in presenting various interesting mycological topics in an entertaining style. The first chapter, called "Toxins, Kill the primates, Rule the world", deals with poisonous substances produced by fungi, such as fly agarics, ergotism and aflatoxins. In "Blight, Rusts, Bunks, and Mycoses" the author deals with diseases caused by fungi. Further chapters treat subjects like decay and degradation, fungi in medicine, fungal symbiosis, the use of fungi as biocontrols, fungi used to produce food and drinks, and the use of fungi in the battle against pollution.

The book is not only suited for using as text-book for students, but serves the whole mycological community, including interested hobby mycologists, since it is written in a very clear, understandable language and style, avoiding difficult terminology. It is therefore highly recommended for reading, for fun and education.