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Microbiology Today: Book Reviews:

MODERN MYCOLOGY, THIRD EDITION

J.W. Deacon

Blackwell Science (1997)

This long-awaited third edition and successor to *Introduction to Modern Mycology* (1980, 1984) follows the same style and format as the second edition, down to the same number of chapters, with similar titles and sub-headings. Some new figures (including colour plates) complement the many original line drawings and photographs retained from the second edition, though there appears to be a reduction in quality of some photographs. Information on all areas (particularly fungal metabolism and genetics) has been extended and updated, with more extensive lists of references at the ends of chapters. While I would certainly recommend this text for institutional and personal purchase, undergraduates are advised to "shop around". Although *Modern Mycology* is an excellent and well-established text, which offers undergraduates a comprehensive introduction to fungi, during its absence in recent years other texts have entered the market, some of which may represent better value for money.

Vicki Tariq, The Queen's University of Belfast

£21.50

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Modern Mycology is an established text that continues to provide a comprehensive introduction to fungi. It will appeal to undergraduate students taking courses in microbiology, mycology and biology. This edition has been fully revised and updated to reflect the many exciting new developments in the field, notably those relating to an understanding of fungal cell biology and the application of fungal molecular genetics. Medical Mycology Journal is an open access, peer-reviewed journal that publishes articles on various novel compound extractions from fungal sources. Index Copernicus Value: 85.65. Medical Mycology: Open Access. Eradication of invading pathogens has been a prime challenge for human being since beginning. Over the period, fungal resources turned out as one of the best resources for medicinal purpose. Mycology - the study of fungi. Fungi - molds and yeasts Molds - exhibit filamentous type of growth Yeasts - pasty or mucoid form of fungal growth. 50,000 + valid species; some have more than one name due to minor variations in size, color, host relationship, or geographic distribution. Mycology.doc. c. Antibiotics. First observed by Fleming; noted suppression of bacteria by a contaminating fungus of a culture plate. Mycology is the study of fungi. Mycologists focus on the taxonomy, genetics, application as well as many other characteristics of this group of organisms. Mycology. What is it? Classification, in Medicine and How to Culture. Definition: What is Mycology? Essentially, mycology is the study of fungi. Here, mycologists directly focus on the taxonomy, genetics, application as well as many other characteristics of this group of organisms. Mycology is the study of fungi, their relationships to each other and other organisms, and the unique biochemistry which sets them apart from other groups. Fungi are eukaryotic organism which belong to their own kingdom. History of Mycology. Until the 1800s, it was assumed that fungi were simply a different kind of plant. Mushrooms, the reproductive bodies of fungi, were eaten, used as medicine, and used for their hallucinogenic effects since antiquity.