

OF RELATED INTEREST—

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Constantine J. Alexopoulos and Charles W. Mims

Completely rewritten and updated in accordance with modern taxonomic proposals, this new edition provides a well documented, logical, and clear explanation of the structure and classification of fungi and their importance in human affairs. It introduces physiological, biochemical, genetic, and ecological data and reviews all major groups of fungi (including slime molds), with a summary characterization of all major taxa. Also includes concise discussions of such topics as "truffle orchards," the mushroom industry, and edible, poisonous, and hallucinogenic mushrooms.

1979 632 pp.

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Albert G. Moat

Considers each of the major aspects germane to the field in sufficient depth to provide a basis for comprehension of the nature of microorganisms and their physiological activities. Draws together the current knowledge of the fine structure (cell structure and substructure), metabolism, and genetics of microorganisms. Describes the interaction of these physiological activities in the growth of microbial cells and the development of populations of microorganisms.

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Ronald L. Crawford

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- ecological and industrial importance of lignin
- chemical structure of lignin
- methods for studying lignin biodegradation—including classical and radioisotopic techniques, and the use of model compounds
- lignin-degrading microorganisms
- lignin biodegradation within natural environments

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