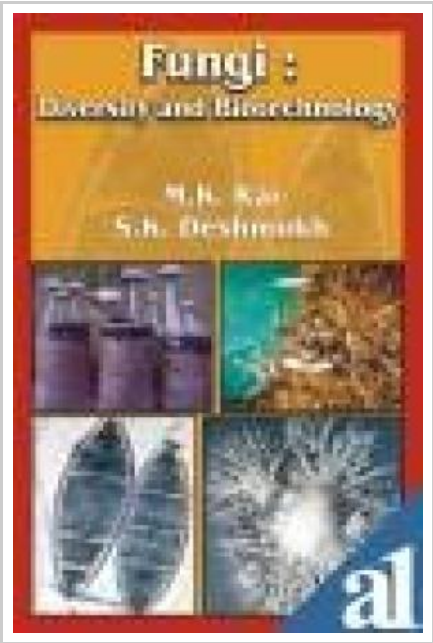


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Fungi : Diversity and Biotechnology

By M.K. Rai,S.K. Deshmukh

Scientific Publishers, 2005. Hardcover. Book Condition: New. The present book provides a broad overview of mycology. It explores the diversity of keratinophilic, marine and those involved in bio-deterioration causing losses in paper industry, and discusses role of fungal biotechnology in pulp and paper industry. Considering the sustai-nability of environment, ectomycorrhiza and arbuscular mycorrhizal (AMF) fungi can be applied as biofertilizers in nurseries and plantations. Moreover, answers for questions of bioremediation with special regards to handling toxic metals in waste-water, recycling of agro-wastes, etc. has been incorporated. This book would be very useful for readers of diverse disciplines including mycologist, plant pathologists, mycotechnologist, botanists, zoologists, pharmacologists, biotechno-logists, environmen-talists and medical mycologists. Contents: 1. Fungal biotechnology : Opportunities in pulp and paper manufacturing Vyas, Santosh, Absar Ahmad and Anil Lachke 2. Indian Keratinophilic fungal flora : A review Tripathi, Neetu and R.K.S. Kushwaha 3. Marine fungi from Maharashtra : Diversity and taxonomy Borse, B.D., K.N. Borse and N.S. Pawar 4. Fungal diversity in paper materials and its role in biodeterioration Dhawan, Shashi and Neeta Nigam 5. Role of ectomycorrhizal fungi as biofertilizers in tree nurseries Mohan, V. 6. Fungi in bioremediation of toxic metals from waste water Dave, S.R. 7. Recycling of...

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