Smith

Diversity and Integration in Mycorrhizas

Proceedings of the 3rd International Conference on Mycorrhizas (ICOM3) Adelaide, Australia, 8¿13 July 2001

This book is highly recommended on the basis of the following points: - The editors are highly regarded in the field of mycorrhizal biology and one is co-author of the most comprehensive textbook on mycorrhizas; - Chapters by international experts based on invited presentations at the 3rd International Conference on Mycorrhizas, supplemented by invited chapters on special topics; - Mycorrhizas are being increasingly recognised as ubiquitous plant/fungal symbioses, with the potential to influence the function and ecology of around 90% of all land plants; perhaps the most common and also ancient terrestrial symbioses in existence; - This book has a broad coverage of biology of symbioses between mycorrhizal fungi and plants, especially ecto- and arbuscular mycorrhizas (other recent texts have focused mainly on arbuscular mycorrhizal symbioses); - Forward-looking review chapters by keynote speakers including an overview of research challenges for the future; - Up-to-date research focus; - Coverage includes: molecular diversity and detection of mycorrhizal fungi; cellular and molecular interactions between the symbionts; physiology of the interactions; implications of the symbioses for ecosystem processes, including agriculture; - Several complementary chapters on some topics, ensuring that different perspectives are presented (recent edited volumes have had a smaller group of authors and hence narrower focus); - Readership from advanced undergraduate students in biology (particularly plant science), postgraduate students and researchers in universities and government agencies.

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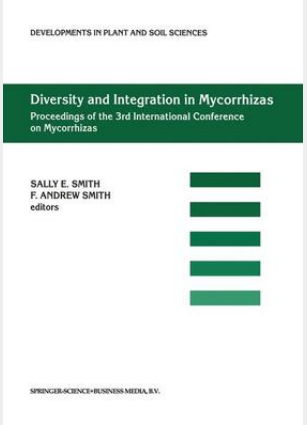

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