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Collana	The Mycota, A Comprehensive Treatise on Fungi as Experimental Systems for Basic and Applied Research, , 2945-8056 ; ; 11
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	Genetics and Genomics of the Cultivated Mushrooms, Application to Breeding of Agarics -- Fungal Spoilage of Crops and Food -- Genetics, Biosynthesis and Regulation of Aflatoxins and other Aspergillus flavus Secondary Metabolites -- Fungal Toxins of Agricultural Importance.- Organopollutant Degradation by Wood Decay Basidiomycetes -- Biological Control of Weeds with Fungi -- Disease Management of Phoma Infections -- Biology, Diversity and Management of FHB-Causing Fusarium Species in Small-Grain Cereals -- Ecological and Economical Importance of Parasitic Zoosporic True Fungi -- New Insights into Ectomycorrhizal Symbiosis Evolution and Function -- Ectomycorrhiza-Specific Gene Expression -- Rust Fungi: Achievements and Future Challenges on Genomics and Host-Parasite Interactions -- The Biotrophy – Necrotrophy Switch in Fungal Pathogenesis -- Pectin as

	a Barrier and Nutrient Source for Fungal Plant Pathogens.
Sommario/riassunto	This volume covers the high relevance of fungi for agriculture. It is a completely updated and revised second edition with fourteen excellent chapters by leading scientists in their fields and offers a comprehensive review of the latest achievements and developments. Topics include: Food and fodder; fungal secondary metabolites and detoxification; biology, disease control and management; symbiontic fungi and mycorrhiza; and phytopathogenicity.