

Three New Recommended Titles in the APS Bookstore



Plant Virology, Fifth Edition, by prominent plant virologist **Roger Hull**, is now available in the APS PRESS online bookstore. This edition represents the surge of conceptual and factual advances since the previous edition was written 10 years ago. While it revises many details of the previous version, it retains the important foundational work of this field. Revamped art, along with fully updated references and increased focus on molecular biology, transgenic resistance, aphid transmission, and new, cutting-edge topics, brings the volume up to date and maintains its value as an essential reference for researchers and students in the field.

Studies in Mycology No. 77: A Polyphasic Taxonomy of Daldinia (Xylariaceae) employs a polyphasic approach to the taxonomy of *Daldinia* and allied *Xylariaceae*. For this comprehensive book, several thousand herbarium specimens and several hundred freshly and cultured specimens from around the world were collected and studied for morphological traits using UV visible and mass spectrometric detection. In this book, *Daldinia* is segregated into five major groups based on phenotypic characteristics. In total, 47 taxa in *Daldinia* are recognized and featured in a dichotomous key. *Daldinia*'s biogeography, chorology, and ecology, as well as the importance of their secondary metabolites, are also prominently discussed in the book. Six new species of *Daldinia* from the tropics and the Southern Hemisphere are also described.

Fungal RNA Biology presents the latest insights in a wide range of RNA-mediated biological mechanisms in yeasts and filamentous fungi, which has applications in medicine, agriculture, and industrial settings. This important new book, written by international experts in the field, includes a comprehensive overview of key RNA-dependent processes regulating fungal gene expression. Its chapters cover the RNA-dependent processes that take place in fungal cells, ranging from formation of coding and non-coding RNAs to mRNA translation, ribosomal RNA biogenesis, gene silencing, RNA editing, and epigenetic regulation.

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