

Special Issue

Ecological Adaptations and Evolutionary Significance of Fungal Diversity

Message from the Guest Editors

Fungal diversity is still far from being even partially understood. Ecological adaptations (such as the ability to decompose organic matter, interactions with other organisms, tolerance to different environmental factors, nutrient acquisition, morphological diversity, metabolic details, habitat diversity, and nutrient cycling) and evolutionary processes (such as the evolution of ecological relationships, genome evolution, terrestrialization, ecosystem functions, etc.) are key aspects that shape this diversity and allow for fungi to thrive in such varied environments, playing crucial roles in them. How much do we know about this diversity? How have ecological adaptations and evolutionary processes guided this diversification? These will be the main topics of discussion in this Special Issue. Gathering these findings will contribute to the expansion of knowledge in this field and attract mycologists working on fungal diversity, ecology, and/or evolution across all "fungal" kingdoms (Fungi, Stramenopila, and Protozoa).

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About the Journal

Message from the Editor-in-Chief

Diversity (ISSN 1424-2818) is a scholarly journal that covers all areas of diversity research. Our distinguished editorial board and refereeing process ensures the highest degree of scientific rigor for publishing. Original research articles and timely reviews are released online, with unlimited free access.

We invite papers and reviews on multidisciplinary topics of diversity that bridge organismic diversity (systematics, biodiversity, phylogeny, population genetics, and evolution) and molecular diversity (phytochemistry and biophysics).

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