Special Issue

Diversity and Systematics of Plant-Associated Fungi

Message from the Guest Editors

Fungi have successfully established themselves across seemingly every possible niche, substrate, and biome. Given the ubiquitous nature of fungi, additional taxonomic and ecological knowledge are prerequisites to understanding fungal biology and their environmental significance. Plant-associated fungi encompass endophytic, epiphytic, phytopathogenic, saprobic, and rhizosphere-associated fungi. For example, *Colletotrichum* is a genus of major plant pathogens causing anthracnose diseases in many plant crops worldwide. *Fusarium* is a common plant pathogen that often enters plants through the roots, where it disrupts water and nutrient transport systems, leading to the characteristic wilting and necrosis of plant tissues. *Trichoderma* fulfills multiple ecological functions in the plant rhizosphere, and several *Trichoderma* species can promote plant growth in natural and agricultural systems. This Special Issue will provide an opportunity to highlight new research on the diversity and systematics of plant-associated fungi, and studies in this area will help us to learn more about these fungi.

Guest Editors

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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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