



Polyphasic Identification of Fungi 3.0

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Message from the Guest Editors

Fungi are the second-most species-rich group after insects. Thus, it is more challenging to estimate the total number of extant fungi species than that of plants and animals. Fungi play key roles in ecosystems as decomposers, endophytes, mutualists, and pathogens. However, in most cases, the roles of individual fungi in nature are still unknown.

Recently, a so-called polyphasic approach has been developed for the consistent identification and characterization of fungi. The polyphasic approach consists of the use of different techniques based on the systematization of scientific knowledge. Different methodologies used in this approach include micro- and macro-morphology, biochemical analyses, and molecular biology. These methods assist taxonomists in establishing a consolidated species concept.

This Special Issue will focus on the polyphasic identification of fungi. Studies covering the taxonomy, ecology, physiology, and phylogeny of fungi and fungal biodiversity estimates are welcome.





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Message from the Editor-in-Chief

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