



Wood Decay Biology in the Forest

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Message from the Guest Editor

The biological elements that make up a forest ecosystem are producers, consumers, and decomposers, which correspond to plants, animals, and fungi, respectively. The role of fungi is to break down organic matter and reduce it to inorganic matter. Various fungi are involved in the decomposition of this organic matter. Moreover, it takes a long time for organic substances. Among fungi, basidiomycetes and ascomycetes play a major role in the decomposition of organic matter. Wood is the major biomass contained in forest ecosystems. Forests are inhabited by a group of fungi that decompose wood and use it to live-wood-decay fungi. Most of the species belonging to wood-decay fungi are basidiomycetes and ascomycetes. The three basic organism groups of plants, animals, and fungi cooperate with each other to circulate a limited amount of daily necessities in the form of synthesis-decomposition-synthesis, thereby producing limited substances in limited places. It is used endlessly to form a stable ecosystem.

This Special Issue should provide important knowledge about the interactions between the organisms involved in the decomposition cycle of wood in forest ecosystems.





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