

Special Issue

Lichen Symbiosis

Message from the Guest Editor

The main topics of the Special Issue include: Lichen anatomy, morphogenesis.

Lichen physiology: Interactions with the substrates, mineral weathering, photosynthesis, polysaccharide production, hormones.

Lichen reproduction.

Epiphytism and hemiparasitism.

The lichen-associated microbiome: Bacterial and fungal communities.

Endosymbiont specificity: Compatibility, recognition factors, receptors, discrimination. The interface between fungi, green algae and cyanobacteria.

Secondary metabolism, bioactive compounds.

Genomics, proteomics and metabolomics. Fungal, cyanobacterial and algal gene expression.

Molecular biology, molecular phylogeny, multilocus gene genealogy.

Lichen biotechnology.

Lichens and the environment.

Lichens and human health.

Guest Editor

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Deadline for manuscript submissions

closed (1 November 2019)



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Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

Editor-in-Chief

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