

Abstract Detail

Phylogenetic and functional patterns of host plants and their associated fungi: implications for symbiotic co-evolution, community interactions, and ecosystem processes

[Comas, Louise](#) [1], [Callahan, Hilary](#) [2].

Co-evolution of plant-fungal interactions.

There is growing appreciation of plant-fungal interactions as important forces structuring communities and affecting ecosystem processes. Nearly all plants form associations with fungi and have since the first plants colonized terrestrial landscapes. This symposium will explore the history and nature of these interactions; how they have directed plant-fungal co-evolution; and how they affect community interactions and ecosystem function.

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1 - Penn State University, Horticulture and Intercollege Program in Ecology, 102 Tyson Building, University Park, PA, 16802, USA

2 - Barnard College, Columbia University, Department of Biological Sciences, 3009 Broadway, New York, New York, 10027, USA

Keywords:

co-evolution

Biodiversity

plant-microbe interaction.

Presentation Type: Symposium or Colloquium Presentation

Session: SY13

Location: Rendezvous A/Snowbird Center

Date: Wednesday, July 29th, 2009

Time: 1:30 PM

Number: SY13001

Abstract ID:314