



Phylogeny Informs Biology

Seeing the forest
from the trees

- 8:30 a.m.** **Coffee**
- 9:00 a.m.** **Welcome**
- 9:00 a.m. –9:45 a.m.** Tracing the circuitous path of photosynthesis through an evolving tree of life
Debashish Bhattacharya, *University of Iowa*
- 9:45 a.m. –10:30 a.m.** Phylogeny and the global carbon cycle
Erika Edwards, *Brown University*
- 10:30 a.m. –11:00 a.m.** **Break**
- 11:00 a.m. –11:45 a.m.** Rapidly evolving mycorrhizal specialization in a genus of fungus-eating orchids
Lee Taylor, *University of Alaska, Fairbanks*
- 11:45 a.m. –12:30 p.m.** Automated phylogenetic taxonomy: an example in mushroom-forming Fungi
David Hibbett, *Clark University*
- 12:30 p.m. –2:00 p.m.** **Lunch and Poster Session**
Fairchild Lobby and courtyard
- 2:00 p.m. –2:45 p.m.** Phylogeny informs biology: the case of biogeography
Susanne Renner, *Ludwig-Maximilians-Universität München*
- 2:45 p.m. –3:30 p.m.** Microscopic silica and phylogenetic trees: towards resolving tempo and mode in the evolution of grass-dominated ecosystems
Caroline Strömberg, *University of Washington*
- 3:30 p.m. –4:00 p.m.** **Break**
- 4:00 p.m. –4:45 p.m.** The significance of phylogenetic trees with special reference to biodiversity
Michael Donoghue, *Yale University*
- 5:00 p.m. –6:30 p.m.** **Reception**
Bauer Center Lobby

May 8, 2008
4th Annual Harvard
Plant Biology Symposium

Free and Open to the Public
Sherman Fairchild Lecture Hall
7 Divinity Avenue, Harvard University
Lunch provided for pre-registered participants

Details and registration at: www.pbi.fas.harvard.edu

