

Symbiosis Seminar Schedule Fall 2005

Week 3 10/10 Andy Smith

Santana, M.A. et al., 1998. Evidence that the plant host synthesizes the heme moiety of leghemoglobin in root nodules. *Plant Physiology*, 116: 1259-1269.

Dolores Schmid

Lafferty, K.D. & K.A. Morris, 1996. Altered behavior of parasitized killifish increases susceptibility to predation by bird final hosts. *Ecology* 77: 1390-1397.

Week 4 10/17 Courtney Hargens

McFall-Ngai, M.J., & E. G. Ruby, 1991. Symbiont recognition and subsequent morphogenesis as early events in an animal-bacterial mutualism. *Science*, 254: 1491-1494

Olivia Fabrizio

Lilburn, et al., 2001. Nitrogen fixation by symbiotic and free-living spirochetes *Science*, 292: 2495-2498

Suzie Jacques

Criscione, C.D. & M.S. Blouin, 2004. Life cycles shape parasite evolution: comparative population genetics of salmon trematodes *Evolution*, 58: 198–202

Week 5 10/24 Nate Waldren

Clay, K., J. Holah & J.A. Rudgers 2005. Herbivores cause a rapid increase in hereditary symbiosis and alter plant community composition. *Proceedings of the National Academy of Sciences of the USA*, 102: 12465–12470.

Kim McNett

Paulsrud, P., J. Rikkinen, P. Lindbland, 2001. Field investigations on cyabobacterial specificity in *Peltigera aphthosa*. *New Phytologist*, 152: 117-123.

Week 6 Down week

Week 7 11/7 Freya Goetz

Goffredi, S.K. et al., 1999. Physiological functioning of carbonic anhydrase in the hydrothermal vent tubeworm *Riftia pachyptila*. *Biological Bulletin*, 196: 257-264.

Briam Hamm

Goulet, T.L. & M.A. Coffroth, 2003. Stability of an octocoral-algal symbiosis over time and space. *Marine Ecology Progress Series*, 250: 117–124.

Week 8 11/14 Lisa Ferrier

Grutter, A.S. & R. Bshary, 2003. Cleaner wrasse prefer client mucus: support for partner control mechanisms in cleaning interactions. *Proceedings of the Royal Society of London B Biology Letters Supplement*, 270: S242-S244.

Stacey Schmidt

Messina, F.J., 1981. Plant protection as a consequence of an ant-membracid mutualism: interactions on goldenrod (*Solidago* sp.). *Ecology*, 62: 1433-1440.

Week 9 11/28 Erik Thuesen

Margulis, L. 2000. *Symbiotic planet: a new look at evolution*. Basic Books, New York.

Erik Thuesen

Carl Zimmer, C. 2001. *Parasite Rex*. Free Press, New York.