Bio 366 Ecology

Meeting 8: Life History

Announcements & Assignments

Reading
Chapter 11 – Interspecific Competition

Vocabulary you should know …
parthenogenesis, dioecious, monoecious, hermaphroditic, mating systems, monogamy, polygamy, polygany, polandry, intra- and intersexual selection, reproductive effort, phenotypic plasticity, semelparity, iteroparous, altricial, percocial, r vs. k stategists.
Learning Objectives
at the end of today’s meeting you should be able to...

• Define life history strategies & explain why they are necessary

• Explain why scaling is a fundamental constraint on the evolution of organisms

• Characterize alternative life history strategies and explain the advantages and disadvantages of trade-offs

• Describe factors that influence mate choice

• Distinguish between r and K selected strategies or C,S,R strategies