

Bio 366 Ecology

Meeting 8: Life History



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Announcements & Assignments

Reading

Chapter 11 – Interspecific Competition

Vocabulary you should know ...

parthenogenesis, dioecious, monoecious, hermaphroditic, mating systems, monogamy, polygamy, polygyny, polyandry, intra- and intersexual selection, reproductive effort, phenotypic plasticity, semelparity, iteroparous, altricial, precocial, r vs. k strategists.

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