

Lecture 4: *Reproductive Differences*



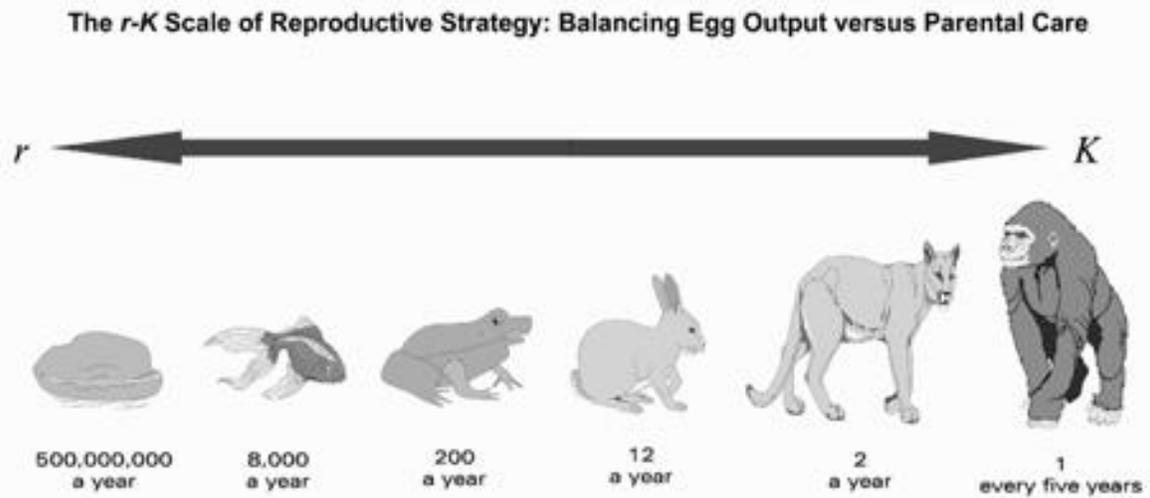
COMPREHENSION QUESTIONS

1. True or false, r-selection refers to organisms that live at equilibrium, producing fewer offspring and investing time and care into those offspring.
2. The average gestational age of whites and Asians is
 - a. 38 weeks
 - b. 39 weeks
 - c. 40 weeks
 - d. 41 weeks
3. At what age do African boys living in the West begin puberty?
 - a. 9
 - b. 10
 - c. 11
 - d. 12
4. Which race of people has the highest birth rate in the world? _____
5. Place the following races of people on the scale from most r-selected to the most K-selected: Whites, Blacks, Asians, and Hispanics

ESSAY QUESTIONS

1. What is an animal that you like or are interested in learning about? List it here:
_____.
2. Using the internet, try to find the following information for your chosen animal:
 - a. Gestational time (length of pregnancy):
 - b. Number of offspring per year:
 - c. Age the animal is considered an adult:
 - d. Average lifespan:

3. About where might your animal fall on the r/K spectrum that we looked at in the lecture?



Oysters are an example of a very *r*-strategy. They produce 500 million fertilized eggs a year and provide no parental care. The great apes are an example of a very *K*-strategy. They produce one infant every five or six years and provide extensive parental care.

ANSWERS

COMPREHENSION QUESTIONS

1. False
2. c
3. a
4. African
5. African, Hispanic, White, Asian