

Little Things

These ten questions will be presented as a multiple choice in class pop-quiz for 10 points extra credit. Announced in class on October 22, 2009 and administered on Blackboard for 24 hours starting immediately following class.

1. The author of the article *Little Things* is _____.
 - a. Charles Darwin
 - b. Ernst Myer
 - c. Richard Dawkins
 - d. E.O. Wilson**
2. Invertebrates are more important in the maintenance of _____ than are vertebrates.
 - a. solar energy cycles
 - b. ecosystems**
 - c. carbon balance
 - d. predator-prey relationships
3. The preservation of native habitat as small as _____ hectares, not big enough to sustain vertebrates, can still be enough for the survival of a butterfly or crustacean.
 - a. 1
 - b. 5
 - c. 10**
 - d. 15
4. A major effort to measure biodiversity is needed to create a complete inventory of all the species of organisms on Earth to assess their importance for the _____ and _____.
 - a. corporations, governments
 - b. health industry, pharmaceutical companies
 - c. environment, humanity**
 - d. zoological parks, museums
5. In 1987, the author estimated that there were about _____ species of invertebrates described.
 - a. 990,000**
 - b. 9,040
 - c. 42,580
 - d. 290,000
6. The most abundant animals of the open sea are _____, tiny crustaceans forming part of the plankton.
 - a. copepods**
 - b. ostracods
 - c. amphipods
 - d. isopods
7. The truth is that invertebrates need us, but we don't need them.
 - a. true
 - b. false**
8. Invertebrate species are just as susceptible to _____ due to human interference as are those of vertebrates.
 - a. proliferation
 - b. extinction**
 - c. habitat destruction
 - d. pesticides
9. Ants and termites compose _____ of the biomass in a tropical rainforest.
 - a. 1/10
 - b. 1/8
 - c. 1/4
 - d. 1/3**
10. The _____ are the principal consumers of vegetation in Central and South America.
 - a. deer
 - b. rodents
 - c. birds
 - d. leafcutter ants**