

**Blackline Master Quizzes for *Core Biology: Environmental Sciences***  
**Blackline Master 1A Quiz**

1. The founder of biomes was
  - a. Gregor Mendel
  - b. Charles Darwin
  - c. Nikolay Vavilov
  - d. Konrad Lorenz
  
2. The number of major biomes in the 21<sup>st</sup> century is
  - a. 5
  - b. 7
  - c. 8
  - d. 10
  
3. Match these climates with their climax plant communities
  - a. Northern climates
  - b. Great Plains
  - c. Desert
  1. Cactus and yucca
  2. Pine forest
  3. Grasslands
  
4. Aldo Leopold's notion of an "environmental ethic meant"
  - a. Humans were part of nature
  - b. Humans depend on other life for our existence
  - c. We must develop a land ethic
  - d. All of the above
  
5. Aldo Leopold's insights and inspirational writings led to the founding of the
  - a. United Nations
  - b. Science of animal behavior
  - c. Environmental movement
  - d. All of the above
  
6. The man who established the scientific basis for ecology was
  - a. Nikolay Vavilov
  - b. Konrad Lorenz
  - c. Nikolaas Tinbergen
  - d. Eugene P. Odum
  
7. The concept: no two species can occupy the same niche at the same time is
  - a. True
  - b. False
  
8. Match the item with its Kingdom
  - a. Liverworts
  - b. Humans
  1. Animal Kingdom
  2. Kingdom Monera

- c. Mushrooms
- d. Amoeba
- e. Bacteria

- 3. Fungi Kingdom
- 4. Plant Kingdom
- 5. Kingdom Protista

9. The kingdom with the greatest number of species is
- a. Plant kingdom
  - b. Insect kingdom
  - c. Fungi Kingdom
  - d. Animal Kingdom
10. The idea of the Earth as a self-regulating, living organism is called the
- a. Whole Earth hypothesis
  - b. Gaia Hypothesis
  - c. Living Earth Hypothesis
  - d. Earth Mother Premise
11. The man who put forth the idea of a living, self-regulating Earth was
- a. Aldo Leopold
  - b. Nikolay Vavilov
  - c. James Lovelock
  - d. E. O. Wilson
12. Biodiveristy refers to the concept
- a. No two species can occupy the same niche at the same time.
  - b. Survival of the fittest
  - c. Genetic, species and ecosystem diversity make it possible for the land to remain healthy
  - d. Equal opportunity for any species to survive in any habitat or biome