

Assessment

Quiz**Section: The Importance of Classification**

In the space provided, write the letter of the term or phrase that best completes each statement or best answers each question.

- _____ 1. The biologist who developed the two-word naming system for organisms was
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| a. Aristotle. | c. Charles Darwin. |
| b. Carolus Linnaeus. | d. Gregor Mendel. |
- _____ 2. The polynomial naming system in use until the mid-1700s was
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| a. a simpler system for naming organisms. |
| b. not very descriptive. |
| c. cumbersome and awkward. |
| d. more scientific than binomial nomenclature. |
- _____ 3. Which of the following is the appropriate way to write a species name?
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| a. <i>Quercus rubra</i> |
| b. <i>Q. rubra</i> (after first use) |
| c. <u>Quercus rubra</u> |
| d. All of the above |
- _____ 4. The scientific name of an organism is also the name
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| a. of the family and genus. |
| b. used as the species identifier. |
| c. for its species. |
| d. considered to be the common name. |
- _____ 5. The basic biological unit of the Linnaean system is
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| a. species. | c. phylum. |
| b. genus. | d. kingdom. |

In the space provided, write the letter of the description that best matches each term.

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| _____ 6. domain | a. contains genera |
| _____ 7. phylum | b. contains families |
| _____ 8. order | c. contains kingdoms |
| _____ 9. genus | d. contains classes |
| _____ 10. family | e. contains species |