

Skills Worksheet

Community Ecology

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

- | | | | |
|--------|-------------------------|----|---|
| c ____ | 1. species richness | a. | volcanic eruption, forest fire, flood, or drought |
| m ____ | 2. predation | b. | a relationship in which both participating species benefit |
| h ____ | 3. parasitism | c. | the entire range of conditions an organism is potentially able to occupy |
| a ____ | 4. disturbance | d. | development of community in area which has not supported life before |
| f ____ | 5. symbiosis | e. | number of species in the community |
| b ____ | 6. mutualism | f. | two or more species living together in a close, long-term relationship |
| k ____ | 7. commensalism | g. | replacement of species after a disturbance |
| d ____ | 8. primary succession | h. | one organism feeds on and usually lives on or in another larger organism |
| g ____ | 9. secondary succession | i. | stable end point community in succession |
| e ____ | 10. fundamental niche | j. | the part of its fundamental niche that a species occupies |
| j ____ | 11. realized niche | k. | a relationship in which one species benefits and the other is neither harmed nor helped |
| i ____ | 12. climax community | l. | species that is predominant early in succession |
| l ____ | 13. pioneer species | m. | the act of one organism feeding on another |

Complete each statement by writing the correct term or phrase in the space provided.

14. A type of interaction in which two or more species use the same limited resource is called : competitive exclusion
15. In a community, species richness is the relative abundance of each species.

Community Ecology Answer Guide

Ensheng Dong



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Instructor's Guide to Text and Media [for] Essential Biology Edward J. Zalisko,2001

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Instructor's Resource Manual for Starr and Taggart's Biology Larry G. Sellers,1998

Resources in Education ,1982

Understanding the Paleoecology and Evolution of Cetaceans in the Eastern North Pacific Nicholas David Pyenson,2008

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The American Naturalist ,2004

Marine Life of the North Atlantic Andrew J. Martinez,Richard A. Harlow,1994

Annales zoologici Fennici ,1992

A Guide to Asking about Life for Teachers and TAs Donald L. Cronkite,2001

Community Ecology Gary G. Mittelbach,Brian J. McGill,2019-05-24 Community ecology has undergone a transformation in recent years from a discipline largely focused on processes occurring within a local area to a discipline encompassing a much richer domain of study including the linkages between communities separated in space metacommunity dynamics niche and neutral theory the interplay between ecology and evolution eco evolutionary dynamics and the influence of historical and regional processes in shaping patterns of biodiversity To fully understand these new developments however students continue to need a strong foundation in the study of species interactions and how these interactions are assembled into food webs and other ecological networks This new edition fulfils the book s original aims both as a much needed up to date and accessible introduction to modern community ecology and in identifying the important

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