|  |  |  |
| --- | --- | --- |
| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_ | Period: \_\_\_\_\_\_\_ |

Marine Ecology

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |  |  | 2 |  |  |  |  |  |  |  |  |  |  | 3 |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  | 5 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  | 6 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | 7 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 8 |  |  |  |  |  |  |  |  |  |
|  |  | 9 |  |  |  |  |  |  |  | 10 |  |  |  |  |  |  |  |  |  |  |  | 11 |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 12 |  |  |  |  |  |  |  |  |  |  | 13 |  |  | 14 |  |  |  |  |  |  |  | 15 |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 16 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 17 |  |  |  |  |  |  |  |  | 18 |  |  |  |  |  |  | 19 |  |  |  |  |
|  |  |  |  |  | 20 |  |  |  |  |  | 21 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 22 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 23 |  |  |  |  |  |  |  |  |  |  |  |  | 24 |  |  |  |  |  | 25 |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 26 |  |  |  |  | 27 |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  | 28 |  | 29 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  | 30 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 31 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 32 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 33 |  |  |  |  |  |  |  |  |  |  |  |  |

|  |  |
| --- | --- |
| **Across**  **4.** animal that feeds on bacteria  **5.**  an animal that feeds by removing either living or dead material suspended in the water  **6.**  one of a subclass (Copepoda) of minute shrimp-like  **9.**  a group of interacting food chains  **10.**  the vertical movement of water up to the ocean surface from the ocean floor  **12.** animal that eats fellow animals  **14.**  an organism capable of synthesizing its organic nutrients directly from the sunlight energy or from inorganic nutrients  **18.**  one of a class (Bacillariophyceae) of microscopic plankton organisms  **22.**  - upper portion of a lake, river or sea, sufficiently illuminated for photosynthesis to occur  **23.** group consisting of both living organisms and the non living enviroment  **24.** an embryo  **25.**  substance required for growth  **26.** orgaanism that breaks down other organisms  **30.**  herbivores and carnivores that consume energy originally transformed into food by the primary producers  **32.** animal that eats both plants and animals  **33.** bottom of a body of water (i.e the sea) | **Down**  **1.** common feeding at the same link on food chains  **2.**  permanently attached; not free to move about  **3.**  those pelagic animals that are active swimmers  **7.** "floating animals" animal form of plankton  **8.** group of individuals  **11.**  capture of light energy and its transformation into usable energy  **13.** animals having a backbone  **15.** an eviroment with particuar types of organisms  **16.** - a distinct feature of an organism that allows it to survive more easily in its environment  **17.** rapid often unpredictable growth  **19.**  a simple plant, without a true stem  **20.**  the tendency of an object to rise or float  **21.** tiny, hair-like projections  **27.**  the passively drifting or weakly swimming organisms in marine and freshwater habitats  **28.** moving spontaneously  **29.** region of a coasttline, usually indented  **31.** role, function or job |