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Biology-Ecology

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|  |  |  |  |  |  |  G |  |  | 8B |  I |  O |  T |  I |  C |  F |  A |  C |  T |  O |  R |  |  |  E |  |  |  |  |  E |  |
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|  |  | 23E |  C |  O |  L |  O |  G |  I |  C |  A |  L |  M |  O |  D |  E |  L |  |  | 24H |  A |  B |  I |  T |  A |  T |  |  |  N |  |
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| **Across****1.** An autotrohpic organism that serves as a source of food for other organisms in a food chain.**3.** the flow of chemical elements between living organisms and the enviroment**4.** biological oxidation or ammonium to nitrite followed by the oxidation of the nitrite to nitrate**8.** Any living component that affect another organism**13.** the process of ammoniating; decomposition with production of ammonia**14.** The total mass of living matter within a given unit of environmental area.**15.** process by which plants use sunlight to synthesize foods from carbon dioxide and water**16.** The function or position of a species within an ecological community**17.** break down dead or decaying organisms**18.** An animal that eats both plants and animals.**23.** Drawing from natural ecosystems which are defined as the network of interactions among organisms and between organisms and their environment**24.** The place or type of place where a plant or animal naturally or normally lives or grows**25.** series of organisms each dependent on the next as a source of food**26.** when a plant absorbs water in its roots**27.** An animal that feeds on plants. | **Down****2.** the chemical processes by which atmospheric nitrogen is assimilated into organic compounds**5.** An animal that feeds on flesh.**6.** the trapping of the sun's warmth in a plants lower atmosphere**7.** the loss or removal of nitrogen or nitrogen compounds**9.** an animal that feeds on dead organic material**10.** the position an organism occupies in a food chain**11.** Non-living chemical and physical parts of the environment that affect living organisms and the functioning of ecosystems**12.** an organism that is able to form organic substances from simple inorganic substances**19.** an organism deriving its nutritional requirements from complex organic substances**20.** A heterotrophic organism that feeds on other organisms in a food chain.**21.** a system of interlocking and interdependent food chains**22.** A science that deals with the relationships between groups of living things and their environments |