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ECOLOGY

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| **Across**  **2.** Non-native species disrupting and replacing native species  **8.** an animal that feeds on dead organic material  **11.** An organism that generally obtains food by feeding on other organisms  **13.** an organism that eats only meat  **15.** the amount of organisms of the same species in an area  **17.** one is predator, one is prey  **18.** A factor present in an environment that controls a process, particularly the growth, abundance or distribution of a population of organisms in an ecosystem.  **20.**  the scientific analysis and study of interactions among organisms and their environment  **21.** both benefits  **22.** A graphical model showing the interconnecting food chains in an ecological community  **23.** A position in a food chain or Ecological Pyramid occupied by a group of organisms with similar feeding mode.  **24.** non living factors that effect an organism | **Down**  **1.** an organism, especially a soil bacterium, fungus, or invertebrate, that decomposes organic material.  **3.** The progressive replacement of one dominant type of species or community by another in an ecosystem until a stable climax community is established.  **4.** the increasing concentration of toxic substances within each successive link in the food chain.  **5.** a species that has a disproportionately large effect on its environment relative to its abundance  **6.** an organism that eats only plants  **7.** the number of people, other living organisms, or crops  **9.** The ecological role and space that an organism fills in an ecosystem.  **10.** an organism that eats plants and animals  **12.** an organism that makes its own food  **14.** a biological community of interacting organisms and their physical environment  **16.** a group of interdependent organisms of different species growing or living together in a specified habitat  **19.** to represent the flow of food energy and the feeding relationships between organisms |