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Chapter 5 crossword puzzle

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| **Across**  **2.** the process by which two speices evolve in response to change in each other  **5.** The total amount of living tissue in a trophic level  **11.** an organism that relies on others organisms for energy and nutrients  **13.** The disappearance of a species from earth  **14.** A sequence of DNA that codes for a particular trait  **15.** A change in DNA  **17.** One of the first speices to colonize newly expose  **18.** The degree to which an organism can reproduce successfully in its environment  **20.** A linear seris of feeding relationships | **Down**  **1.** A somewhat predictable series of changes over time in a community  **3.** A relationship two organisms from different species in which both organisms benifit  **4.** a heritable trait that increases the liklihood of an individual's survival and reproduction  **6.** A speices that has a strong or wideranging impact on a community  **7.** An animal that kills and eats other animals  **8.** A rank in feeding hierarchy  **9.** A diagram of feeding relationships and energy flow showing the paths by which nutrients and engergy pass from organism to organism as one consumes another  **10.** An animal that eats both and animals  **12.**  In general terms,change over time  **16.** An organism that eats plants  **19.** An organism's habitat, resource use, and fundamental role in community |

   Evolution       Fitness       Gene       Mutation       Food wed        Food chain       Carnivore       Biomass       Consumer       Adaptation       Niche       Mutualism       Tropic level        Seccession       Pioneer speices        Coevolution        Keystone speices        Omnivore       Extinction        Herbivore