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AP Biology Ecology Crossword Puzzle

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| **Across**  **2.** Any form of behaviour associated with aggression, including threat, attack, appeasement, or flight  **6.** The study of changes over time in the vital statistics of populations, especially birth rates and death rates  **7.** behavior that reduces an individual's fitness while increasing the fitness of another individual  **11.** A gradual reduction in the strength of a response when a stimulus event is presented repeatedly  **12.** Any of the world's major ecosystem types  **18.** The science of animal behavior  **19.** A polygamous mating system involving one female and many males  **21.** A symbiotic relationship in which both participants benefit  **23.** An extremely cold, dry biome  **24.** A species that is not necessarily abundant in a community yet exerts strong control on community structure by the nature of its ecological role or niche  **25.** The number or individuals per unit area or volume  **26.** A change in activity or turning rate in response to a stimulus  **27.** All the organisms that inhabit a particular area; an assemblage of populations of different species living close enough together for potential interaction  **28.** The study of social behavior based on evolutionary theory  **29.** A symbiotic relationship in which one organism benefits but the other is neither helped not harmed  **30.** Referring to a type of relationship in which one male mates with just one female | **Down**  **1.** A scrubland biome of dense, spiny evergreen shrubs  **3.** A land area that is covered with a shallow layer of water during some or all of the year  **4.** The maximum population size the can be supported by the available resources, symbolized as K  **5.** a sequence of unlearned acts that is essentially unchangeable and, once initiated, usually carried to completiona sequence of unlearned acts that is essentially unchangeable and, once initiated, usually carried to completion  **8.** Dead organic matter  **9.** A type of ecological succession that occurs in an area where there were originally no organisms present and where soil has not yet formed  **10.** A group of individuals of the same age in a population  **13.** awareness, reasoning, recollection, and judgment  **14.** A permanently frozen soil layer  **15.** A group of individuals of the same species that live in the same area and interbreed, producing fertile offspring  **16.** The area where a freshwater stream or river merged with the ocean  **17.** All the organisms in a given area as well as the abiotic factors with which they interact  **20.** In animal behavior, the formation at a specific stage in life of a long lasting behavioral response to a specific individual or object  **22.** In a lake, the well-lit, open surface waters far from shore |