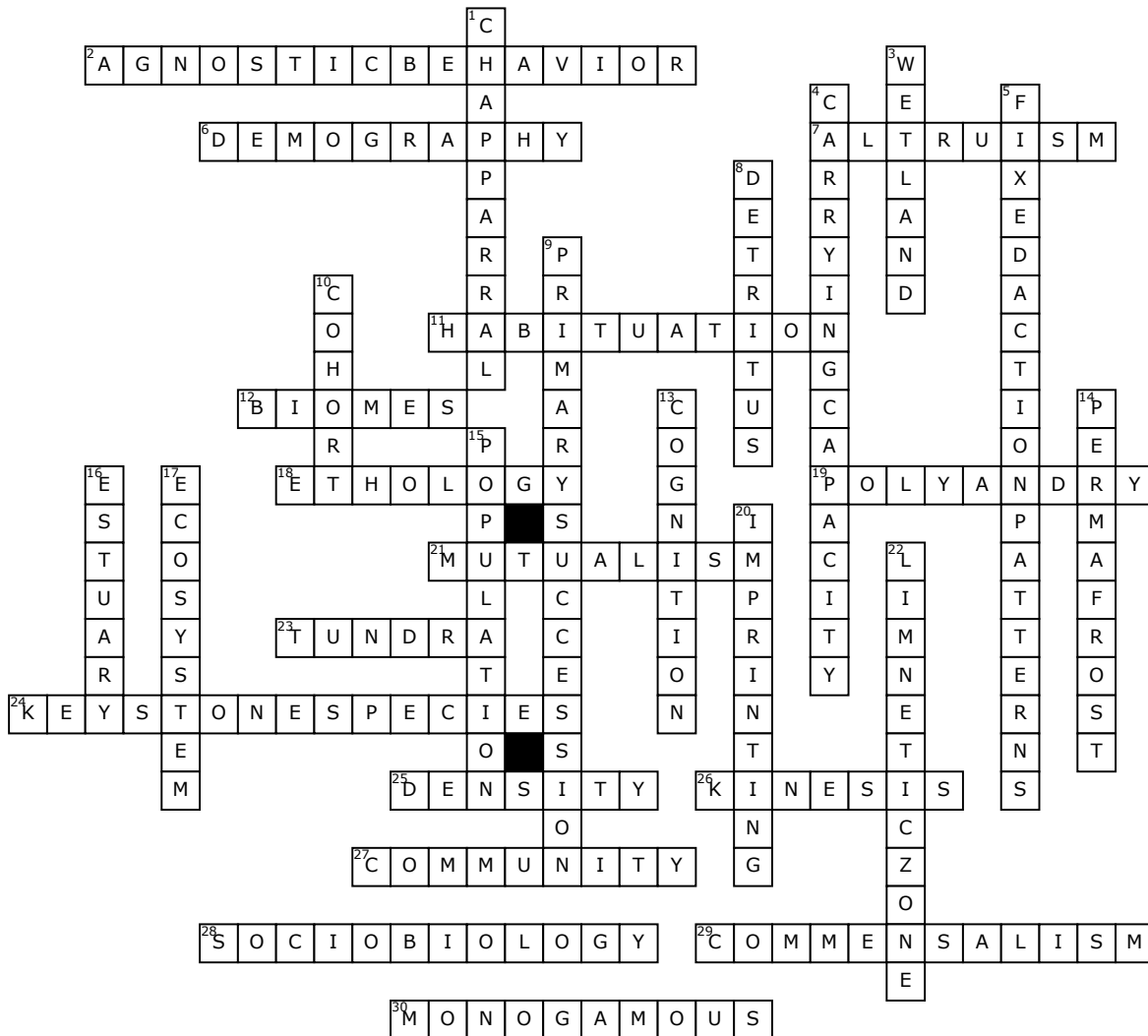


Name: _____

AP Biology Ecology Crossword Puzzle



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 nor 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 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