|  |
| --- |
| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

AP Biology Ecology Crossword Puzzle

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 4 |  |  |  |  | 5 |  |  |  |
|  |  |  |  |  | 6 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 7 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 8 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 9 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  | 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  | 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 12 |  |  |  |  |  |  |  |  |  |  | 13 |  |  |  |  |  |  |  |  |  |  | 14 |  |
|  |  |  |  |  |  |  |  |  |  |  |  | 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 16 |  | 17 |  |  | 18 |  |  |  |  |  |  |  |  |  |  |  |  |  | 19 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 20 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  | 21 |  |  |  |  |  |  |  |  |  |  |  | 22 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 23 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 24 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  | 25 |  |  |  |  |  |  |  | 26 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 27 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 28 |  |  |  |  |  |  |  |  |  |  |  |  | 29 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  | 30 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

|  |  |
| --- | --- |
| **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 |