|  |  |  |
| --- | --- | --- |
| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_ | Period: \_\_\_\_\_\_\_ |

ECOLOGY

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1D |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  | 2I |  N |  V |  A |  S |  I |  V |  E |  S |  P |  E |  C |  I |  E |  S |  |  |  |
|  |  |  | 3E |  |  |  |  |  |  |  | 4B |  |  |  |  |  |  |  |  |  |  |  C |  |  |  |  |  | 5K |  |
|  |  |  |  C |  |  |  |  |  | 6H |  |  I |  |  |  | 7C |  |  |  |  |  |  |  O |  |  |  |  |  |  E |  |
|  |  |  |  O |  |  |  |  |  |  E |  |  O |  |  |  |  A |  |  |  |  |  |  |  M |  |  |  |  |  |  Y |  |
|  |  |  |  L |  |  | 8D | 9E |  T |  R |  I |  T |  I |  V |  O |  R |  E |  S |  |  |  |  |  P |  |  |  |  |  |  S |  |
|  |  |  |  O |  |  |  |  C |  |  B |  |  I |  |  |  |  R |  |  |  |  |  |  |  O |  | 10O |  |  |  |  T |  |
|  |  |  |  G |  |  |  |  O |  |  I |  |  C |  |  |  |  Y |  |  |  | 11C |  O |  N |  S |  U |  M |  E |  R |  |  O |  |
|  |  |  |  I |  |  |  |  L |  |  V |  |  F |  | 12P |  |  I |  |  |  |  |  |  |  E |  |  N |  |  |  |  N |  |
|  |  |  |  C |  |  |  |  O |  |  O |  |  A |  |  R |  |  N |  |  |  |  | 13C |  A |  R |  N |  I |  V |  O |  R |  E |  |
|  |  |  |  A |  |  |  |  G |  |  R |  |  C |  |  O |  |  G |  |  | 14E |  |  |  |  |  |  V |  |  |  |  S |  |
|  |  |  |  L |  |  |  |  I |  |  E |  |  T |  |  D |  |  C |  |  |  C |  |  |  |  |  |  O |  |  |  |  P |  |
|  |  |  |  S |  |  |  |  C |  |  | 15P |  O |  P |  U |  L |  A |  T |  I |  O |  N |  |  |  |  |  R |  |  |  |  E |  |
|  |  |  |  U |  |  |  |  A |  |  |  |  R |  |  C |  |  P |  |  |  S |  |  |  |  |  |  E |  |  |  |  C |  |
|  |  |  |  C |  |  |  |  L |  |  |  |  S |  |  E |  |  A |  |  |  Y |  |  |  |  |  |  |  |  |  |  I |  |
|  |  |  |  C |  |  |  |  N |  |  |  |  |  |  R |  |  C |  |  |  S |  |  |  |  |  |  |  | 16C |  |  E |  |
|  | 17P |  R |  E |  D |  A |  T |  I |  O |  N |  |  |  |  | 18L |  I |  M |  I |  T |  I |  N |  G |  F |  A |  C |  T |  O |  R |  S |  |
|  |  |  |  S |  |  |  |  C |  |  |  |  |  | 19F |  |  T |  |  |  E |  |  |  |  |  |  |  |  M |  |  |  |
|  |  |  |  S |  |  |  |  H |  | 20E |  C |  O |  L |  O |  G |  Y |  |  | 21M |  U |  T |  U |  A |  L |  I |  S |  M |  |  |  |
|  |  |  |  I |  |  |  |  E |  |  |  |  |  |  O |  |  |  |  |  |  |  |  |  |  |  |  |  U |  |  |  |
|  |  |  |  O |  |  |  |  |  |  | 22F |  O |  O |  D |  W |  E |  B |  |  |  |  |  |  |  |  |  |  N |  |  |  |
|  |  |  |  N |  |  |  |  |  |  |  |  |  |  C |  |  |  |  |  |  |  |  |  |  |  |  |  I |  |  |  |
|  |  |  |  |  |  |  |  |  | 23T |  R |  O |  P |  H |  I |  C |  L |  E |  V |  E |  L |  |  |  |  |  |  T |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  A |  |  |  |  |  |  |  |  |  |  |  |  |  Y |  |  |  |
|  |  |  |  |  |  |  |  | 24A |  B |  I |  O |  T |  I |  C |  F |  A |  C |  T |  O |  R |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  N |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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