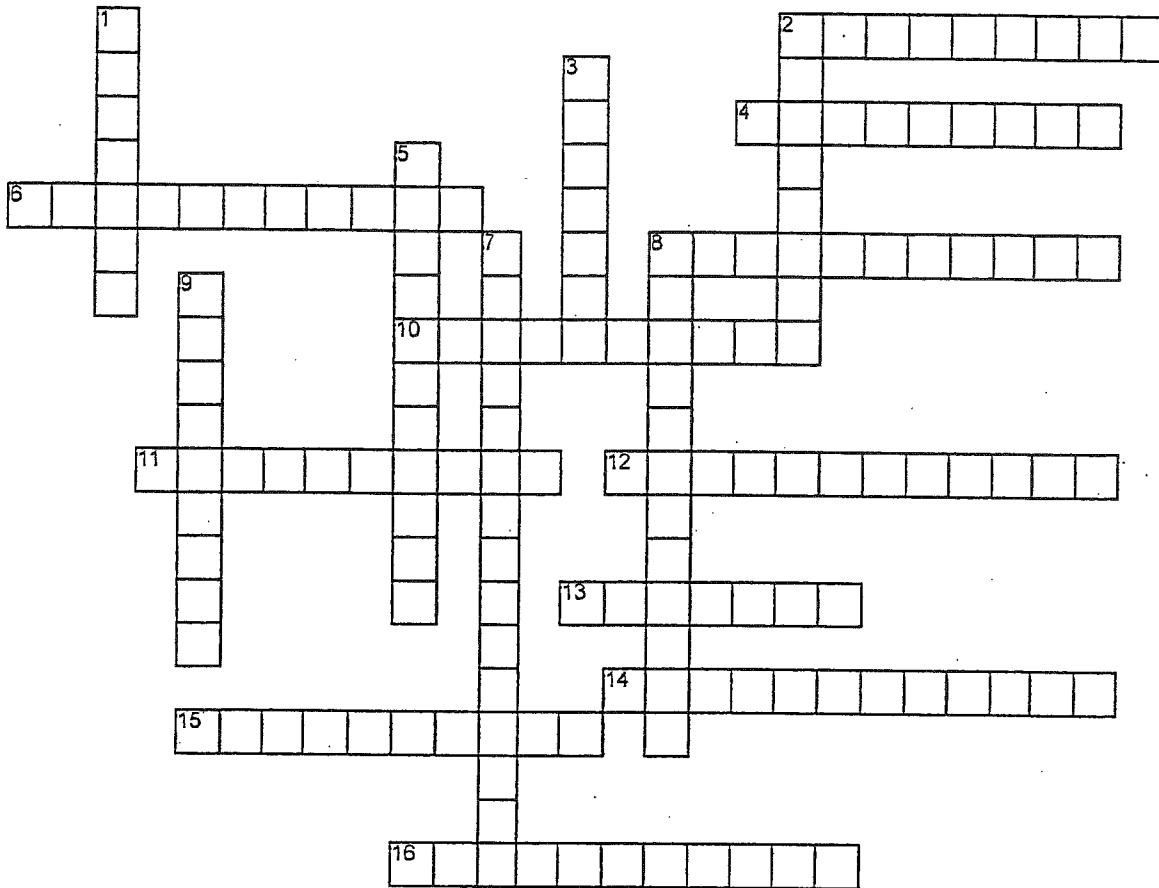


Complete the puzzle using the clues shown below.



**Across**

- 2. the sequence of organisms through which energy moves in an ecosystem.
- 4. all populations living in an area.
- 6. organisms that carry out photosynthesis for energy.
- 8. a time of decreased metabolism and lowered body temperature that may last for weeks or months.
- 10. communities and their physical environment.
- 11. an animal's color patterns help hide the animal.
- 12. one organism benefits while the other is neither helped nor harmed.
- 13. the total mass of all organisms in the ecosystem.
- 14. the variety of living organisms in an ecosystem.
- 15. one organism benefits and the other is harmed.
- 16. the evolution of related species such that each competes for the same resources.

**Down**

- 1. an animal's environment including living and nonliving factors.
- 2. complexly interconnected food chains.
- 3. the study of the relationships among organisms to their environment and to other organisms.
- 5. occurs in larger animals during times or periods of winter inactivity.
- 7. all the attributes of an animal's lifestyle: where it look for food, what it eats, where it n conditions of temperature and moisture.
- 8. animals that ingest other organisms for energy.
- 9. both organisms benefit.

