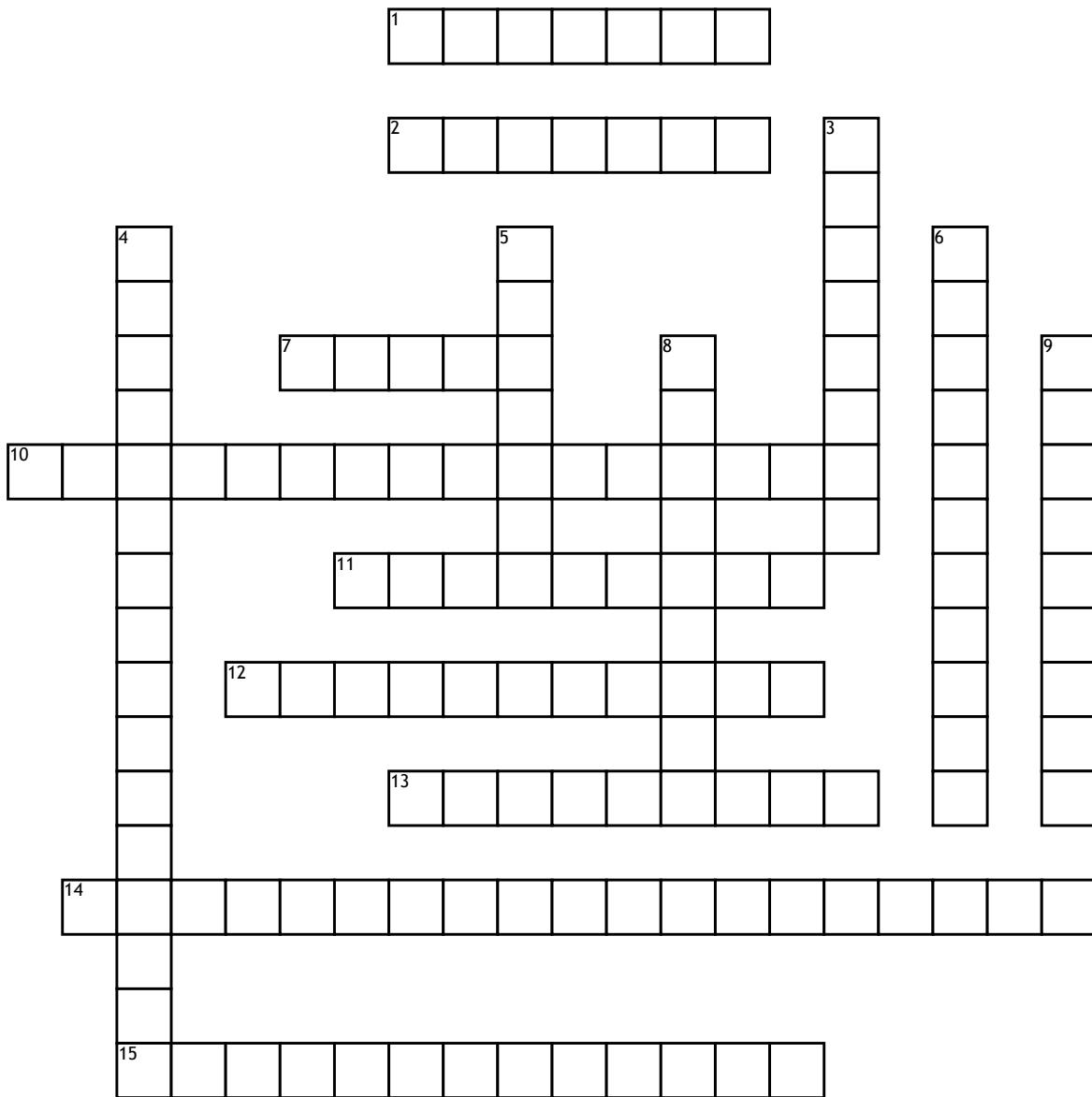


Chapter 3 Crossword



Across

- Total amount of living tissue within a given trophic level
- Scientific study of interactions among organisms and their environment
- Group of ecosystems that have the same climate and dominate communities
- Process of converting nitrogen gas in ammonia (two words)
- Collection of all the organisms that live in a particular place, together with their nonliving environment

- Organism that obtains energy from the foods it consumes; also called a consumer
- Series of steps in an ecosystem in which organisms transfer energy by eating and being eaten (two words)
- Process where elements, chemical compounds, and other forms of matter are passed from one organism to another and from one part of the biosphere to another (two words)
- Loss of water from a plant through its leaves
- Chemical substance that an organism requires to live
- Single nutrient that either is scarce or cycles very slowly, limiting the growth of organisms in an ecosystem (two words)
- Group of similar organisms that can breed and produce fertile offspring
- Process by which water changes from a liquid into an atmosphere gas
- Organism that can capture energy from sunlight or chemicals and use it to produce its own food from inorganic compounds; also called a producer
- Assemblage of different populations that live together in a defined area