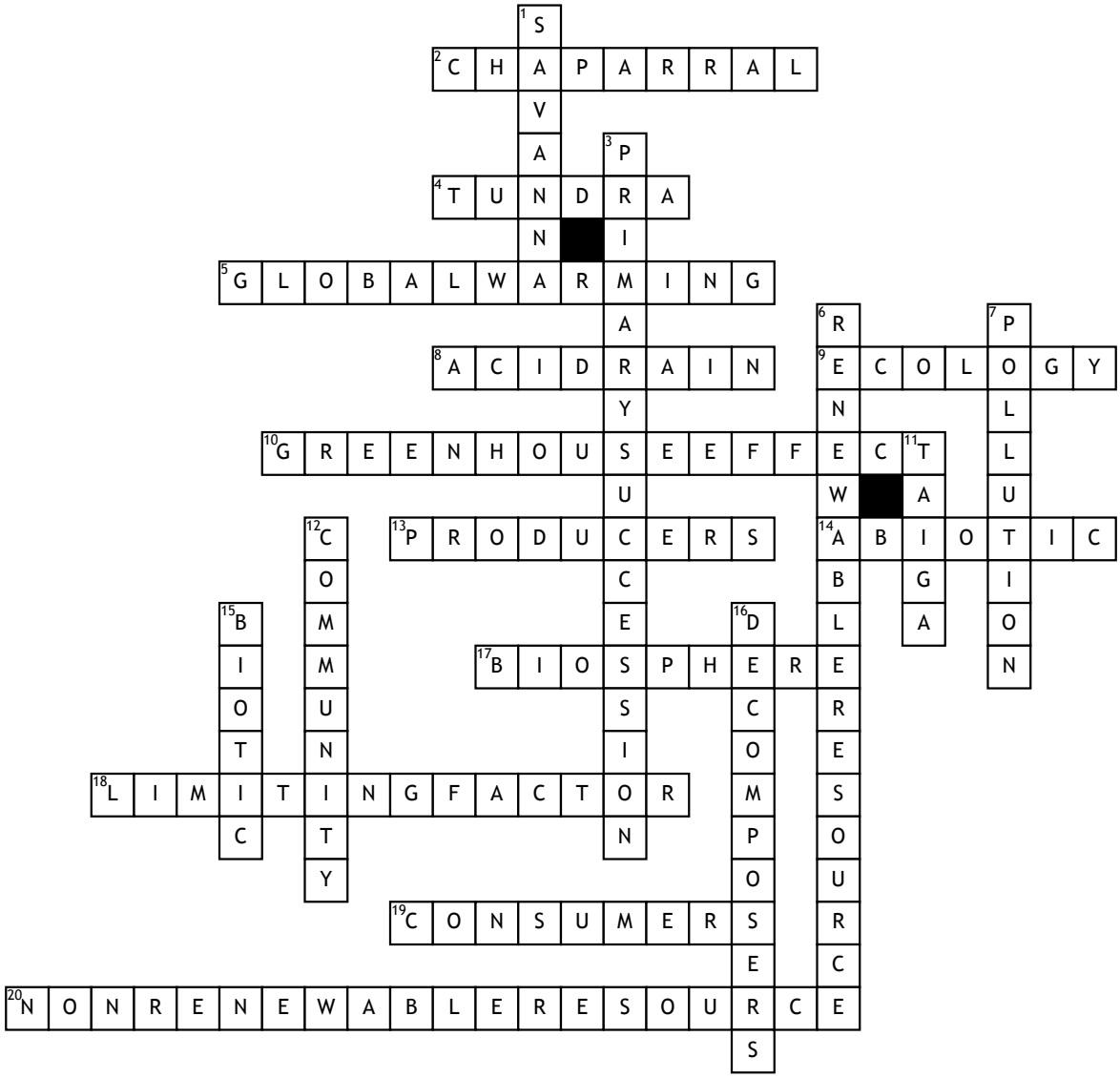
Name: _____ Date: _____

Ecology



Across

2. vegetation consisting chiefly of tangled shrubs and thorny bushes

4. a vast, flat, treeless Arctic region of Europe, Asia, and North America in which the subsoil is permanently frozen

5. a gradual increase in the overall temperature of the earth's atmosphere

8. rainfall made sufficiently acidic by atmospheric pollution that it causes environmental harm, typically to forests and lakes

9. the branch of biology that deals with the relations of organisms to one another and to their physical surroundings

10. the trapping of the sun's warmth in a planet's lower atmosphere due to the greater transparency of the atmosphere to visible radiation from the sun than to infrared radiation emitted from the planet's surface.

13. The first trophic level in a food chain in which it serves as a food source for consumers or for higher trophic levels

14. to be none living

17. the regions of the surface, atmosphere, and hydrosphere of the earth (or analogous parts of other planets) occupied by living organisms.

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

19. An organism that generally obtains food by feeding on other organisms or organic matter due to lack of the ability to manufacture own food from inorganic sources

20. A type of natural resource that cannot be replenished or takes time for nature to produce or replenish in order to sustain the rate of consumption.

Down

1. a grassy plain in tropical and subtropical regions, with few trees

3. An ecological succession that occurs following an opening of uninhabited, barren habitat or that occurs on an environment that is devoid of vegetation and usually lacking topsoil

6. a resource that can be renewed as quickly as it is used up

7. the presence in or introduction into the environment of a substance or thing that has harmful or poisonous effects:

11. the sometimes swampy coniferous forest of high northern latitudes

12. a group of interdependent organisms of different species growing or living together in a specified habitat

15. resulting from living things

16. an organism, especially a soil bacterium, fungus, or invertebrate, that decomposes organic material