## Chapter 5 Test

5. another name for producers 6. gradual process of change & replacement of the types of species in a community 7. a consumer that eats another consumer 8. process of breaking down food to yield energy 9. one of the steps in a food chain or food pyramid 10. movement of carbon from the nonliving environment into living things and back 11. releases carbon into the atmosphere when burned by humans 12. type of bacteria that convert atmospheric nitrogen into ammonia 13. the movement of phosphorus in different chemical forms from the environment to organisms and back 14. increase in the temperature of the Earth 15. eat only plants 16. make their own food 17. a sequence in which energy is transferred from one organism to the next as each organism eats another organism 18. occurs on a surface where no ecosystem existed before 19. a consumer that cats a producer to get energy 20. shows many possible feeding relationships in an ecosystem  E. ommivores F. nitrogen cycle G. fossil fuels H. carnivores H. car		
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21. process in which nitrogen circulates among the air, soil, water, plants, and animals in an ecosystem  U. cellular respiration	19. a consumer that eats a producer to get energy	S. herbivores
in an ecosystem	20. shows many possible feeding relationships in an ecosystem	T. food chain
22. element that is part of many molecules that make up the cells of living organisms  V. global warming		mals U. cellular respiration
	22. element that is part of many molecules that make up the cells of living organis	sms V. global warming

23. break down & eat dead organic matter
 24. used by plants to make sugar molecules
 25. occurs on a surface where an ecosystem previously existed
 26. eat both plants & animals
 27. decomposers