



ANSWERS TO GEPHART EXHIBIT TRAIL QUESTIONS

AT THE SQUAM LAKES NATURAL SCIENCE CENTER

GRADES 4 – 6

1. solar or sun
2. PV arrays produce no pollution, just electricity. They also reduce the amount of carbon dioxide, sulfur dioxide and nitrogen oxide released into the environment. This helps to reduce smog, acid rain and global warming gasses.
- 3.
4. Soft feathers for silent flight, excellent eyesight and hearing, sharp claws or talons.
5. Most of the animals exhibited are here because they are unable to survive in the wild. Some are orphans and others were injured.
6. With their senses of smell and touch.
7. No – we need soil to survive because plants depend on soil to grow. We eat plants and we eat animals that eat plants.
8. An ecotone is the edge between two natural communities.
9. Hearing (large ears) and smell (long, pointed nose).
10. Nocturnal
11. Camouflage
12. Rabbits, mice, rats, and other small animals.
13. Retractable Claws
14. 30 feet from a standing position
15. Fungus and algae.
16. No – only males have antlers.
17. By the amount of wear on the deer's teeth.
18. Plants
19. Waterproof fur, tail for use as a propeller, webbed feet, streamlined body, valves in ears and nose, whiskers for finding food, powerful jaws and teeth.
20. lakes, ponds, marshes, swamps, rivers
21. egg, larva, pupa, adult
22. striped skunk, raccoon, opossum, human
23. earthworms, sowbugs, millipedes, groundhog, salamanders, ants
24. Insects, carrion, fish, berries, honey, plants

25. American black bears.
26. Beaks
27. True
28. False – they migrate to southern coastal waters.
29. Loss of habitat due to human activity, increase in raccoon and gull populations, speedboat traffic, separating young from adults, young hit by speedboats.
30. Talons and a sharp, curved beak
31. Great Horned owl
32. Roots of wetland plants hold the soil in place.
33. otter, fish, frogs, newts, salamanders, beaver