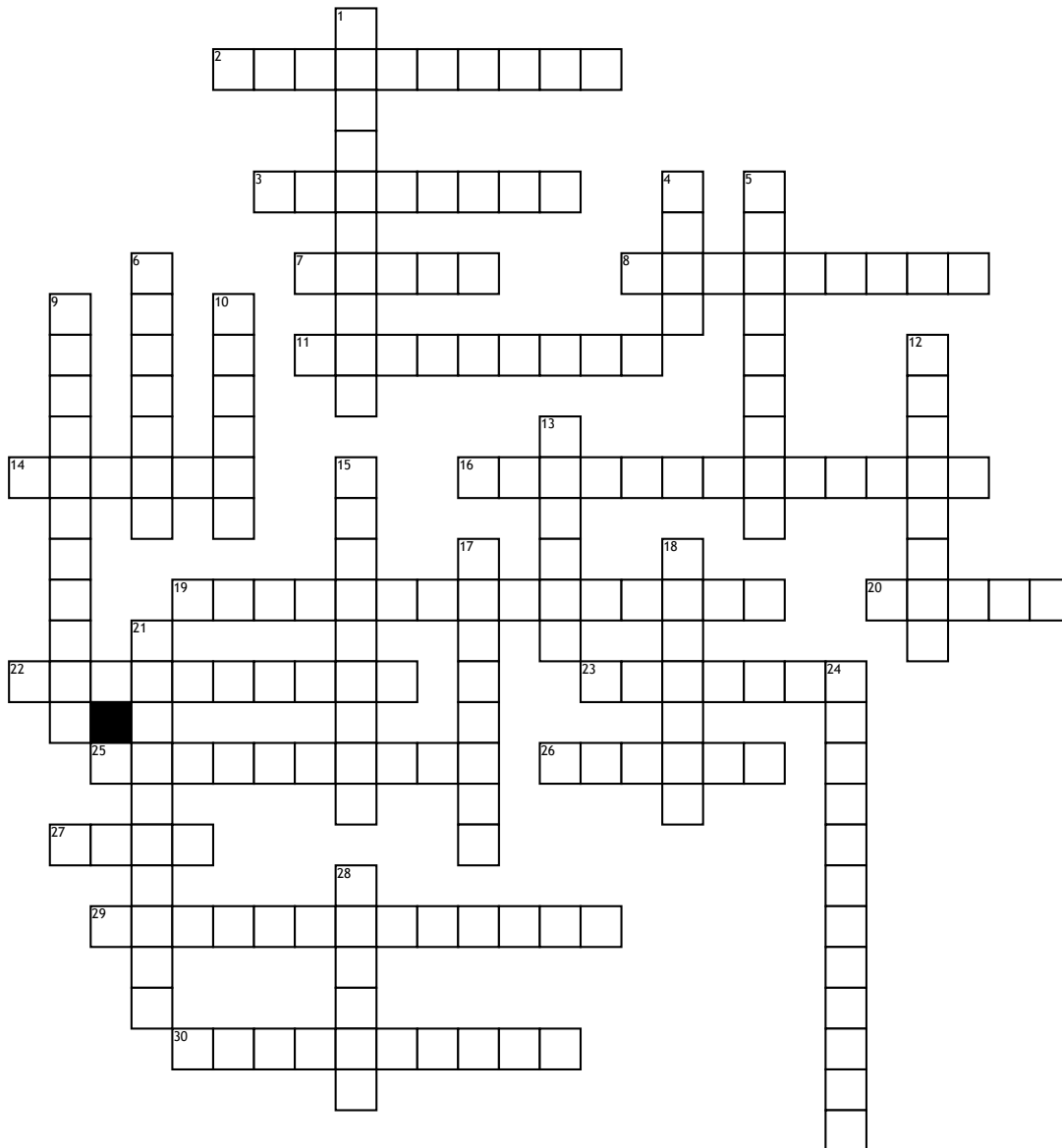


# Invertebrates



**Across**

- 2. Largest phylum
- 3. needle like material in sponges; provides support may be used to classify
- 7. member of phylum annelida used in some medical procedures
- 8. Breathing holes found on each segment of the abdomen of an insect.
- 11. Do not have a gut, as they absorb nutrients from host's intestines.
- 14. a primitive sedentary aquatic invertebrate with a soft, porous, body that is typically supported by a framework of fibers or calcareous or glassy species spicules.
- 16. How do Sponges feed?
- 19. reproduction from an ovum without fertilization
- 20. a cnidarian whose tentacles face up
- 22. greenish pigment in blood of some arthropods
- 23. First larval stage of cope-pods

- 25. Predators with eye-spots and sensory lobes.
  - 26. The tooth-like structure in a mollusks mouth that is used to grate, scrape or cut food.
  - 27. An invertebrate that does not have legs.
  - 29. A body section of some Arthropods made up of a fusion of the head and the thorax.
  - 30. stinging cells
- Down**
- 1. Where are the poison glands of an arachnid located?
  - 4. Which stage is a caterpillar in when it is in the chrysalis?
  - 5. obtain food from tissues of host
  - 6. a muscular tube near the mouth at the end of the gastrovascular cavity
  - 9. Second larval stage of cope-pods which already resembles the adult cope-pods.
  - 10. the anterior end of a tapeworm

- 12. Small water organisms, neither attached to bottom nor swimming against current.
- 13. Are parasites (host usually dies) that live and reproduce inside host.
- 15. tubules to collect and remove chemical waste from individual segments
- 17. An invertebrate phylum which includes soft bodied animals that usually have a head and a foot covered by a hard shell. Snails, octopus, clams and mussels.
- 18. opening at top of sponge which water and waste exits
- 21. beat water into sponge
- 24. Animal without a backbone or vertebral column. They usually have an exoskeleton or hydrostatic skeleton.
- 28. a fluid-filled body cavity that is lined with mesoderm