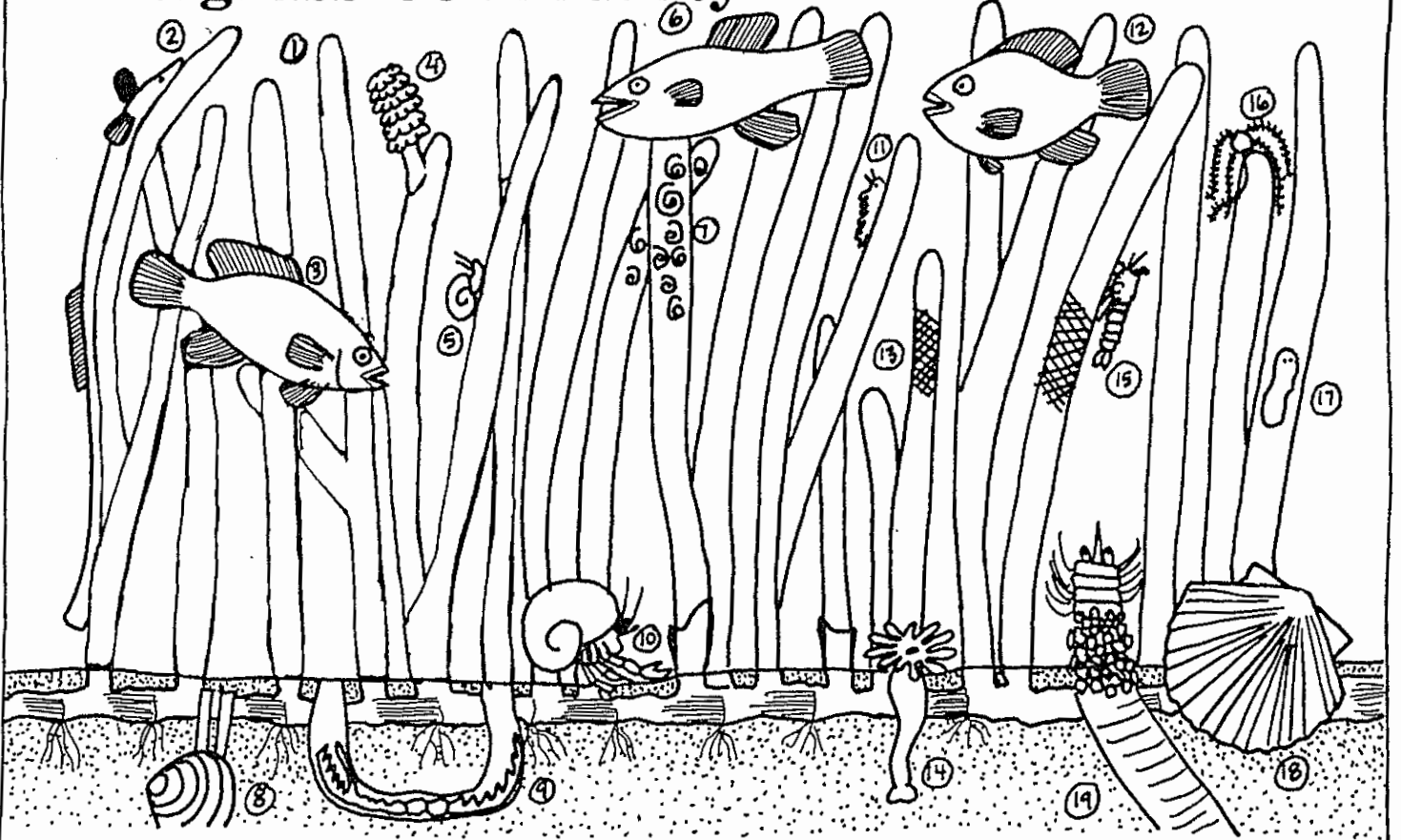
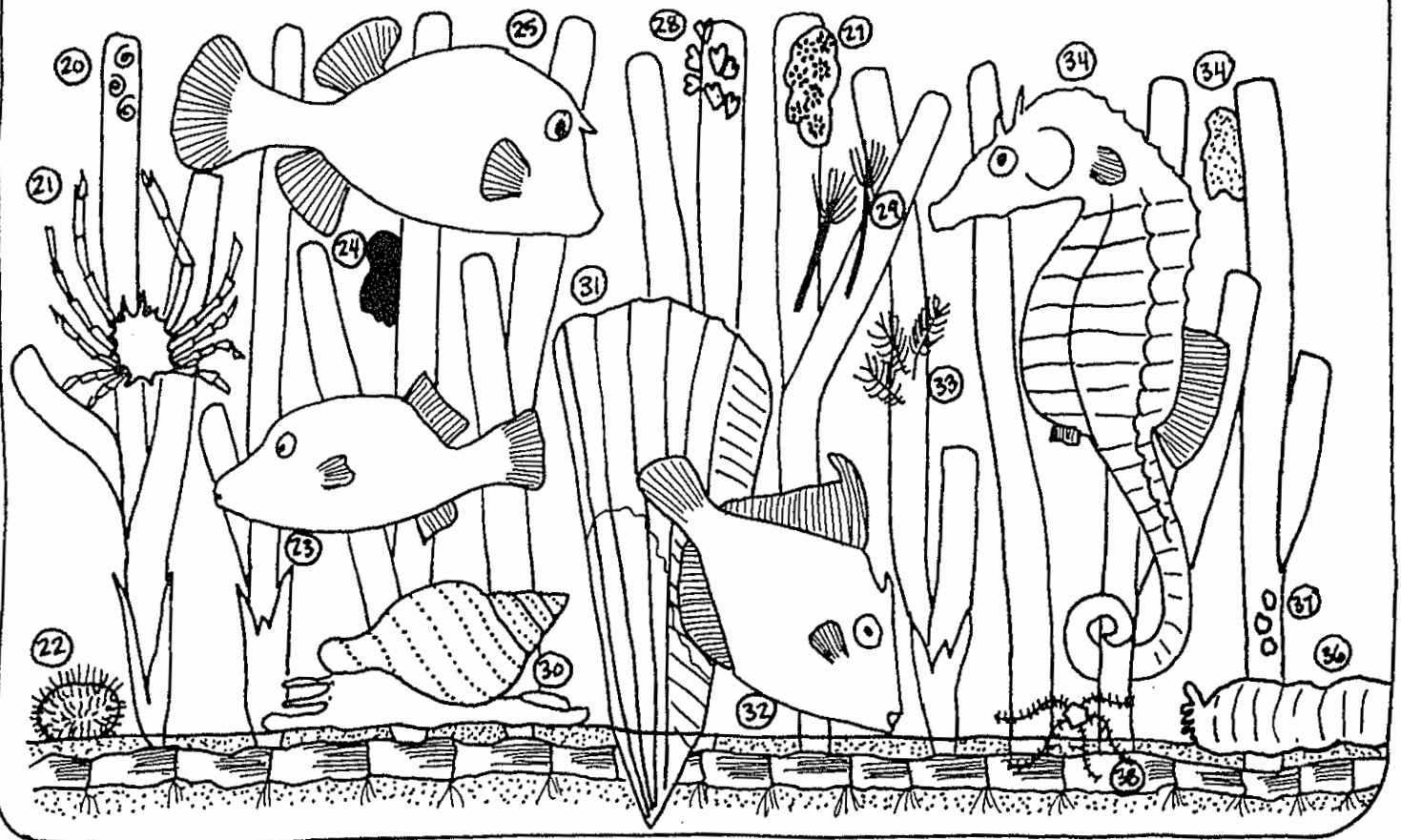


# Eelgrass Community



# Turtle Grass Community



Eelgrass and Turtle grass are flowering plants adapted to relatively shallow water along the shore. The underground stems (rhizomes) of these grasses take hold in sandy bottoms. Eventually the grasses form dense beds. These grasses are valuable in many ways. The masses of rhizome hold down and stabilize the bottom sediments. When the grasses decay and are eaten by bacteria, nutrients are released into the water. Many creatures graze on the grass directly or on the organisms that grow on the grass. Dead blades that the tide washes up on the shore help stabilize and protect the shoreline. Beds of live Eelgrass and Turtle grass harbor large communities of marine organisms. These beds provide shelter, food, and sites of attachment for its inhabitants.

The following list corresponds to page 221.

- |                                |                                  |                               |                                 |
|--------------------------------|----------------------------------|-------------------------------|---------------------------------|
| 1. Eelgrass                    | <i>Zostera marina</i>            | 10. hermit crab               | <i>Pagurus</i>                  |
| 2. Pipefish                    | <i>Sygnathus fuscus</i>          | 11. nudibranch                | <i>Coryphella</i>               |
| 3. Common mummichog            | <i>Fundulus heteroclitus</i>     | 12. Sheepshead minnow         | <i>Cyprinodon variegatus</i>    |
| 4. Moon jelly (polypoid stage) | <i>Aurelia aurita</i>            | 13. encrusting bryozoan       | <i>Membranipora</i>             |
| 5. Common periwinkle           | <i>Littorina littorea</i>        | 14. Burrowing anemone         | <i>Actinothoe</i>               |
| 6. Striped killifish           | <i>Fundulus majalis</i>          | 15. Sand shrimp               | <i>Crangon septemspinosa</i>    |
| 7. Coiled tube worm            | <i>Spirorbis</i>                 | 16. Short-spined brittle star | <i>Ophioderma brevispina</i>    |
| 8. Soft-shell clam             | <i>Mya arenaria</i>              | 17. Slender flatworm          | <i>Euplana gracilis</i>         |
| 9. Parchment tube worm         | <i>Chaetopterus variopedatus</i> | 18. Bay scallop               | <i>Aequipecten irradians</i>    |
|                                |                                  | 19. Plumed worm               | <i>Diopatra cuprea</i>          |
|                                |                                  | 20. Coiled spiral worm        | <i>Spirorbis</i>                |
|                                |                                  | 21. Decorator crab            | <i>Stenocionops furcata</i>     |
|                                |                                  | 22. sea urchin                | <i>Lytechinus variegatus</i>    |
|                                |                                  | 23. Pufferfish                | <i>Sphaeroides</i>              |
|                                |                                  | 24. Chicken liver sponge      | <i>Chondrilla nucula</i>        |
|                                |                                  | 25. Cowfish                   | <i>Lactophyrus quadricornis</i> |
|                                |                                  | 26. Turtle grass              | <i>Thalassia testudinum</i>     |
|                                |                                  | 27. Star tunicate             | <i>Botryllus planus</i>         |
|                                |                                  | 28. Colonial tunicates        | <i>Ecteinascidia turbinata</i>  |
|                                |                                  | 29. Fan worms                 | <i>Sabella melanostigma</i>     |
|                                |                                  | 30. Tulip shell               | <i>Fasicolaria tulipa</i>       |
|                                |                                  | 31. Pen shell                 | <i>Atrina</i>                   |
|                                |                                  | 32. File fish                 | <i>Monocanthus</i>              |
|                                |                                  | 33. Hydroids                  | <i>Macrorynchia philippina</i>  |
|                                |                                  | 34. Seahorse                  | <i>Hippocampus</i>              |
|                                |                                  | 35. White sponge              | <i>Geodia gibberosa</i>         |
|                                |                                  | 36. Sea cucumber              | <i>Holothuria floridana</i>     |
|                                |                                  | 37. Turtle grass foram        | <i>Archaias angulatus</i>       |
|                                |                                  | 38. Brittle star              | <i>Ophiactis quinquerodia</i>   |