

## Reporting Data

**Directions:** Once you have fulfilled your volunteer duties and collected the proper data, please answer the following questions on a separate sheet of paper and submit with all of your data sheets to your Volunteer Supervisor.

1. Explain how debris ends up near the Northwestern Hawaiian Islands. Draw a diagram to clarify your answer.
2. Which species do you think is most affected by the marine debris? Why?
3. Which type of marine debris do you think causes the most damage? Why?
4. Draw a possible food chain from the animals that you have studied.
5. If large amounts of tiny plastic pieces are mistaken for plankton, what will happen to the ecosystem that they enter?  
(Hint: What will happen to the animals that normally eat plankton and what will happen to the animals that eat the animals that eat plankton?)
6. One danger of marine debris is that it entangles animals. Many groups, like the Ocean Conservancy, conduct cleanups. The following data was collected in a 2004 cleanup. Make two pie graphs showing this data.

Chart 1: Number of Entangled Animals Found

- Invertebrates - 52
- Fishes - 62
- Reptiles - 7
- Birds - 46
- Mammals - 19

Chart 2: Number of Animals Found in Different Types of Debris

- Balloon ribbon/string - 9
- Rope - 30
- Fishing line - 88
- Fishing nets - 21
- Crab/lobster/fish traps - 9
- Other - 29

7. According to the graphs you have made:
  - a. Which animals ran into the most trouble?
  - b. What is the most dangerous type of debris found?  
Why do you think it is so dangerous?
8. List some things that you and your friends can do to help prevent marine debris even if you do not live near the ocean.
9. Write a story from the point of view of a piece of marine debris. Start your story when you are bought by a person in a store. Tell about how you got used, how you were thrown away, how you became marine debris and how dangerous you now are. What do you wish the original person had done with you so you didn't end up in the ocean? Present your story to the class (read it, act it out or draw a poster/illustration).