Under the Scope Module 2 – Plankton Diversity

Student Worksheet

1. Complete Table 1 while viewing the magnified plankton sample and related thumbnail images.

Table 1. Calculating species diversity.

	Species Richness (number of species)	Number of each species	Total number of organisms	Species Diversity Index (Species Richness/Total number of organisms)
Sample				

2. Pick three zooplankters, and either describe them in detail or draw them. Be sure to label each. (use back of sheet if needed)

3. List three or more adaptations or special structures you see on the organisms in the sample. What are the functions of these adaptations?

4. Name three similarities and three differences between the organisms you see in the plankton sample.