# Kaluapuhi Biodiversity Survey Follow Up

### **Objectives**:

Realize that communication and organization in the field are important for science Organize data in tabular form Compare/contrast collected data between groups Make suggestions to improve fieldwork Learn to use photographic display software Create outline for web-based trail guide

<u>Skills</u>: Data organization Data presentation Analytical and critical thinking Communication Team-work

<u>Time Required</u>: 55minutes 2-3 minutes introduction 40 minutes on task 10 minutes student presentations

<u>Materials needed</u>: 4 laptop computers\* 4 pieces of poster board\* Rulers Markers Data from Kokee field trip\* \* We will provide these materials

## Activity 1

Students re-form into groups they belonged to when working in Kokee. Each group receives two pieces of poster board; one piece will have a data table and the other will be blank. Experts within the groups will be responsible for filling in cells of the table with data they collected. For instance, GPS experts need to fill in coordinates for each quadrant. Quadrant experts need to list appropriate observations such percent cover, number of species or amount of leaf litter. The photo expert will decide which photographs to include. They will list file names of each picture on the data table.

## Activity 2

On the blank sheet of poster board the transect experts draw out a representative transect. Transects should include the start point, end point and all quadrants. At each point the students list the type of data they want to include. This will serve as the template for our web-based trail guide.

## Activity 3

Each group presents their data table and discusses the type of data they collected, noting any missing data. The class makes suggestions on how to improve data collection in the field.