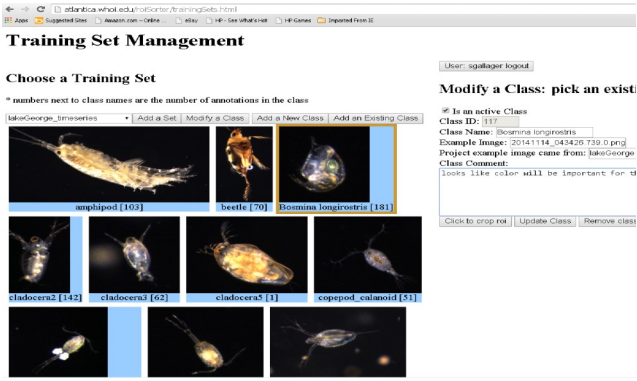


**Overview:**

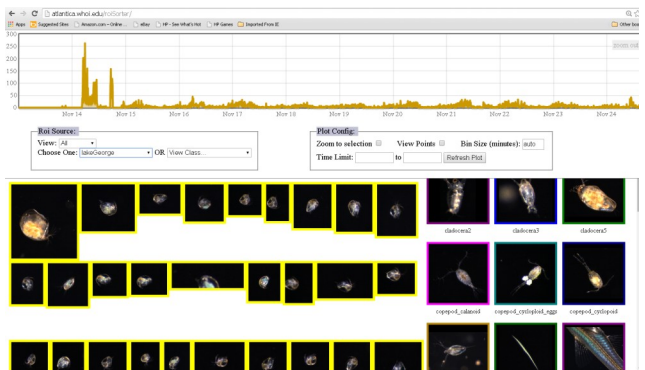
The ROIsort software product is a browser-based application used for manually categorizing images that are collected by the CPICS family of instruments. Users can create an unlimited number of named categories into which they can drag and drop images to create data sets for further analysis or for viewing based on search criteria. ROIsort is also the base application with which our automated classification software module ROIclass operates.



Screen shot of categories used as a classifier training set

**Features:**

- Discovery and viewing of ROIs as a function of time, space, or by class
- Identification of an unlimited number of user-definable target classes
- Rapid manual identification and sorting from entire or select image set into chosen classes
- Development of training sets of manually identified ROIs for further automated classification
- Importation of annotations, class labels and provenance from one image set to another
- Identification and labeling of an exemplar image representing a class
- Reclassification of manually or automated classified ROIs
- Complete provenance of multiple classifications by named annotators



Screen shot of time-series viewer

**Accessible from anywhere:**

Because of its thin-client architecture, users can access ROIsort from any web-enabled device anywhere in the world where there is an Internet connection.

**Requires no customer IT support effort:**

The ROIsort software operates on a server at the location of CoastalOceanVision, Inc., freeing you from any local system maintenance effort. The main advantages of this service are the automatic updates of the software as feature extraction and classification code improves, and the elimination of the need to maintain a local server and image data base.