Catalog Workgroup Meeting
March 31, 2015
1:30 – 2:30 pm

A. Biological Monitoring

- **Issue: Level of detail for biological monitoring metadata submittal and searches is so far unresolved.**

History of this effort: USF created an initial general list. Kate Muldoon (KM) researched database providers how to handle biological monitoring. She found that while there is consistency within single database, there was not consistency between databases. Some catalogs used species and sub species, and family/ genus in others.

Update Catalog workgroup meeting (3/2/2015): To reach consensus on the issue of level of detail for entering biological monitoring metadata, the Catalog Workgroup discussed whether the level of detail provided would be addressed by the data provider, and if there were any suggestions as to a currently available schema which would work well with the Water-CAT. Southwest Florida Water Management District described a similar issue with loading CERP data to a prescribed schema (WIN?). SWFWMD ultimately used a similar format to the Ecological Metadata Language (EML) which was developed under national science foundation. The Catalog Workgroup decided to table this item until they have a chance to review the EML schema and determine whether this would be an adequate schema. SWFWMD will distribute the information to KM for review to be discussed at a future meeting in the near future.

Modified Proposal: To integrate existing biological parameters in the Water-CAT with those below, to allow a level of detail, and to use keywords to refine the monitoring search. The detailed part of the search filter could use either common names (see below) for the public, or scientific nomenclature- e.g., Molluscs, or Molluscs – Bivalvia, Gastropoda, Octopoda, etc. However, the naming convention in the filter detail would be based on a decision by the Catalog workgroup, or a subgroup, or by data providers. The level of detail entered would be the responsibility of the data provider.

Conclusion: The Catalog Workgroup decided to table this item until USF can evaluate