Macaulay Library creates software to catalog and search its archive of audio and video materials

The multimedia resource for animal behavior — featuring the world’s largest archive of animal sounds

Features:
1. Contributing multimedia biology assets to the NSDL
2. Online annotation tools allowing remote experts to log into our metadata and annotate each event and object within a recording
3. Query tools which allow users to search annotated database, move directly to those portions of a recording that fit their query, and then edit and assemble recordings for delivery

Partnerships:
- UBio/MBL
- eBird
- National Oceanographic Partnership Program
- Apple Computer
- NOAA
- The Birds of North America
- Office of Naval Research

Metadata Standards:
- Animal Behavior Ontology
- OAI
- Dublin Core
- Darwin Core
- World Wildlife Federation

Benefits to NSDL:
1. Compelling new ways to interact with sound
2. A new Ontology of Animal Behavior available to the scientific community
3. Building a model digital library interface
4. Software tools that may aid other rich media collections
5. Taxonomic translator that can be used by other collections
6. New approach to implementing the World Wildlife Fund habitat schema
7. Interactive mapping tools for data exploration

New visualization and interactive mapping features make it possible for everyone to select, edit, and download sound and video

Helping scientists communicate their science

Bringing animal behavior resources to the world

Search: "Cardinal singing"

Browse: "Courtship Behavior in animals"

Annotate: "Cardinalis cardinalis singing to mate"

Archive: "Recorded in stereo with a Sennheiser ME-66 shotgun microphone"

www.birds.cornell.edu/macaulaylibrary

#DUE-0332872