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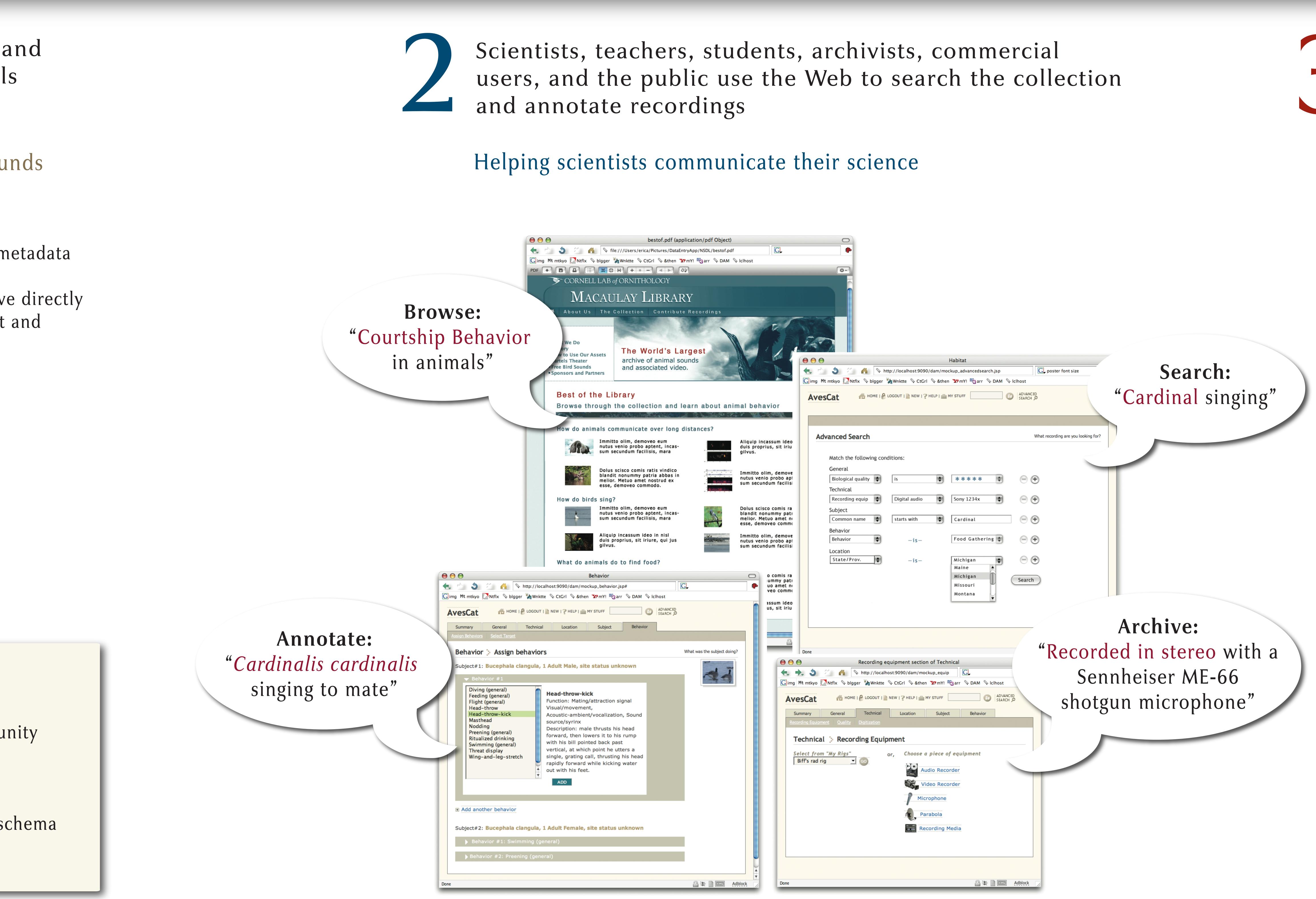
Benefits to NSDL:
1. Compelling new ways to interact with sound
2. A new Ontology of Animal Behavior available to scientific community
3. Building a model digital library interface
4. Software tools that may aid other rich media collections
5. Taxonomic translator that can be used by other collections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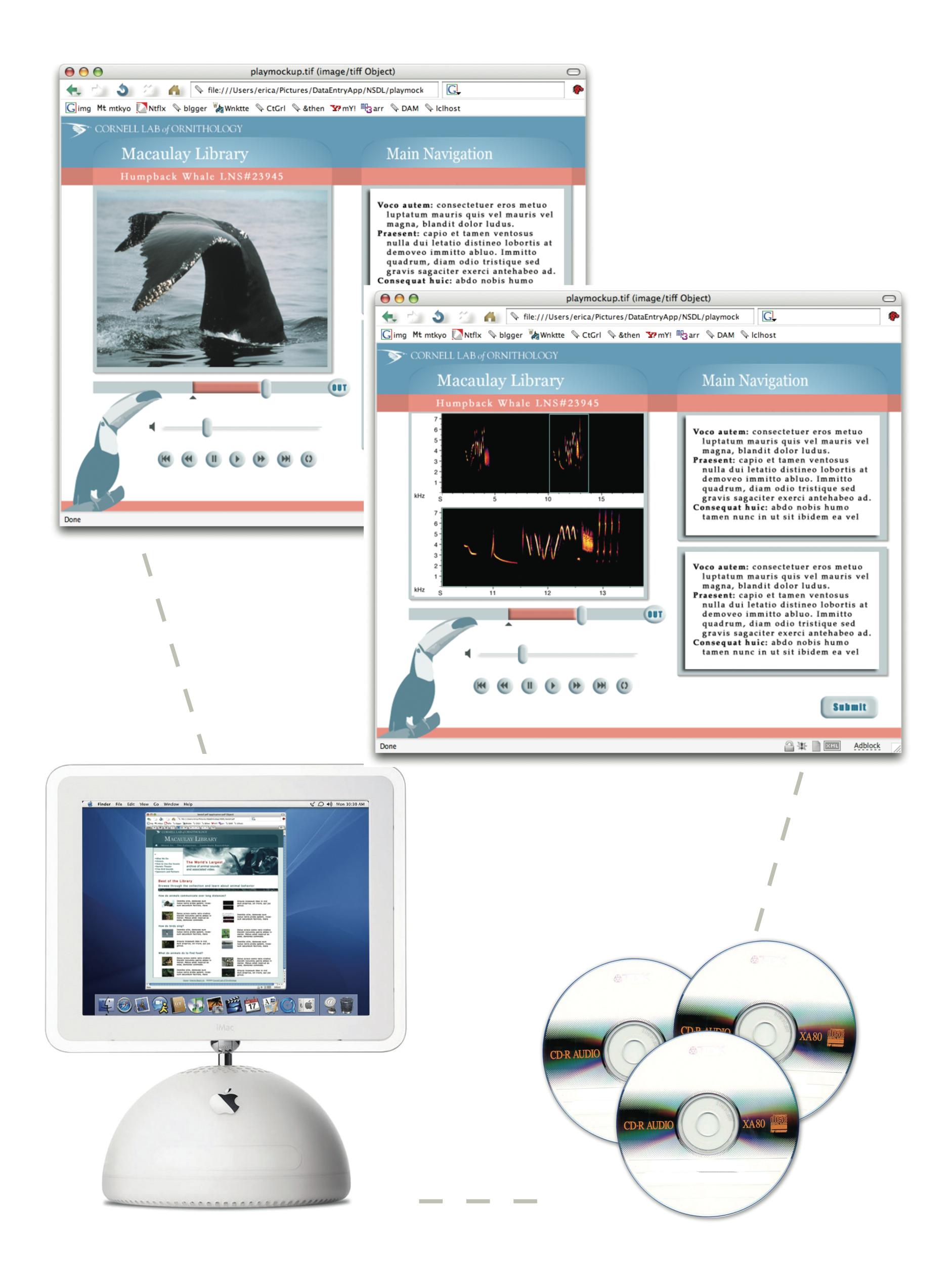
2 Scientists, teachers, students, archivists, commercial users, and the public use the Web to search the collection and annotate recordings

Helping scientists communicate their science

Browse: "Courtship Behavior in animals"

Search: "Cardinal singing"

Annotate: "*Cardinalis cardinalis* singing to mate"

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

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

Bringing animal behavior resources to the world