Expanding Access to Biodiversity Literature

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Expanding Access to Biodiversity Literature

Presenter 1 Title
Community Manager

Session Type
45-minute concurrent session

Abstract
Expanding Access to Biodiversity Literature (EABL) is an IMLS-funded grant designed to enhance the collection of the Biodiversity Heritage Library (BHL), a digital library providing open access to over 50 million pages of legacy biodiversity literature.

BHL’s collection is built on the digitized holdings of its member libraries, typically large research universities, natural history museums, and other well-funded organizations. EABL, however, solicits content outside the BHL consortium; small organizations that often lack the resources for cataloging and digitization nevertheless have valuable and unique literature to contribute. This has created new challenges for BHL workflows, as well as opportunities for novel approaches to improving access and discovery.

This presentation focuses on three aspects of EABL’s work: metadata, including methods for adapting a MARC-based system to archival and other non-standard bibliographic material; copyright and strategies to mitigating risk of infringement; and discovery, particularly efforts to index articles and other bibliographic segments.

The presentation will be informative for practitioners in open access digital repositories, those interested in soliciting content from external organizations, and those looking for metadata and digitization workflows to handle a diverse array of content.

Location
KIPJ Room G

Keywords
Natural history, Open access, Metadata, Copyright, Discoverability, IMLS

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Expanding Access to Biodiversity Literature

Patrick Randall
May 2, 2017 | Digital Initiatives Symposium
"I think BHL is one of the most important and useful resources online right now. Judging by how often I use it, I’d say it has an impact on my research commensurate with that of Google Scholar or Web of Science."

Andrew D., Herpetologist
Scope

Agricultural ecology  Animal behavior  Animal culture  Animal husbandry  Aquaculture  Bioacoustics
Biochemistry  Biodimatology  Biogeomorphology  Bioluminescence  Biomechanics  Collection & preservation
Conservation biology  Continental drift  Coral islands, reefs, & atolls  Ecology  Economic botany
Ecophysiology  Ecosystems  Embryology  Forestry  Genetics  Horticulture
Evolutionary genetics  Geomicrobiology  Geobiology

Algae  Angiosperms  Amphibia  Anatomy  Arthropoda
Atlasses & gazetteers  Biodiversity conservation
Biological diversity  Botany  Bryology  Classification & nomenclature
Cyanobacteria  Endangered species  Entomology  Evolution  Extinction
Ferns & allies  Fungi  Gymnosperms  Geographical distribution
History of natural sciences  Ichthyology  Invertebrates  Linnaean works
Mammalia  Marine biology  Medical botany  Mollusca  Morphology
Natural history biographies  Natural history dictionaries & encyclopedias
Ornithology  Paleobotany  Paleozoology  Phylogenetic relationships
Plant anatomy  Porifera  Pre-Linnaean works  Primatology
Protozoa  Reproduction  Reptilia  Scientific illustration
Specimen catalogs  Systematics  Taxonomy
Scientific expeditions  Zoology

Microbial ecology  Natural history bibliographies  Natural history directories
Natural history terminology  Oceanography  Phenology  Physical anthropology  Plant conservation
Plant culture  Plant ecology  Plant lore  Plant physiology  Plate tectonics  Radioecology
Restoration ecology  Soil ecology  Stratigraphy  Taxidermy  Virology
Vivariums, terrariums, & aquariums  Wild animal trade  Wildlife conservation  Zoos
EABL

Expanding Access to Biodiversity Literature
Partners
Highlights

- American Arachnological Society
- American Birding Association
- American Fern Society
- American Malacological Society
- Amphibian & Reptile Conservation
- Association of Southeastern Biologists
- Carnegie Institute for Science
- Carnegie Museum of Natural History
- Cleveland Museum of Natural History
- Delaware Museum of Natural History
- Florida Ornithological Society
- Gulf Coast Research Laboratory
- Native Plant Societies
- New York Entomological Society
- New York State Museum
- North Carolina State Museum of Natural Sciences
- Pacific Coast Entomological Society

- Pennsylvania Horticultural Society
- Raptor Research Foundation
- Roosevelt Wild Life Station
- San Diego Zoo
- Southern California Academy of Sciences
- Tower Hill Botanic Garden
- Virginia Museum of Natural History
- Western Field Ornithologists
- Western Society of Malacologists
- Wildlife Conservation Society
- Wilson Ornithological Society
Metadata
Requirements
Requirements

Title level metadata (1 MARCXML file) +

Item level metadata +

Page level metadata =

1 Digital book or volume
Title: “The birds of Tierra del Fuego”

In BHL
http://biodiversitylibrary.org/bibliography/51463/#/summary

In IA
https://archive.org/search.php?query=%22The%20birds%20of%20Tierra%20del%20Fuego%22
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Title: “Bulletin of the Museum of Comparative Zoology at Harvard College”

In BHL
http://biodiversitylibrary.org/bibliography/2803#/summary

In IA
## Bulletin of the Museum of Comparative Zoology at Harvard College

**Title Variants:**
- Alternative: Bulletin of the MCZ.
- Alternative: Bulletin of the Museum of Comparative Zoology
- Alternative: MCZ bulletin.
- Alternative: Museum of Comparative Zoology bulletin.

**Related Titles**
- Series: Museum of Comparative Zoology--Biodiversity Heritage Library digitization project.

**Volumes**
- v.1 (1863-1869)
- v.2 (1870-1871)
- v.3 (1871-1876)

**Contributor:**
Harvard University,
Museum of Comparative Zoology, Ernst Mayr Library

**Sponsor:**
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Museum of Comparative Zoology, Ernst Mayr Library

**Date Scanned:**
06/24/2008

**View Volume**
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### Metadata from Scratch

**Metadata Maker:**
http://quest.library.illinois.edu/marcmaker/

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Copyright & Permissions

Getting buy-in:

- Takedown Policy
- Examples of similar institutions
- Clarification of licensing vs. transferring rights
- Moving walls
- Offering scanning products
- Emphasizing visibility
Improving Metadata

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Museum of Comparative
Zoology, Ernst Mayr
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Date Scanned:
02/15/2008

View Volume

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Copyright Status: In copyright. Digitized with the
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### Title

*Zoologica: scientific contributions of the New York Zoological Society.*

### Title Variants:

Abbreviated: *Zool.*

### By

New York Zoological Society.

### Genre

Journal

### Publication info


### Subjects

Periodicals, Zoology

### BHL Collections:

Expanding Access to Biodiversity Literature

### Volume Information

- **v.1 (1907-1915)**
  - **Contributor:** Harvard University, Museum of Comparative Zoology, Ernst Mayr Library
  - **Sponsor:** Harvard University, Museum of Comparative Zoology, Ernst Mayr Library
  - **Date Scanned:** 06/24/2010
  - **View Identified Parts**

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### Download Volume:

- v.2 (1915-1924)
- v.3 (1921-1923)
- v.4-5 (1923-1936)
“BHL is an awesomely useful resource! It’s very helpful to have the BHL when I’m traveling away from ‘home base.’ No need to carry around a rare 120 year old book if you can just open a scanned file of it on your computer.”

Dr. Christopher M., Invertebrate Zoologist
Questions?