

Biodiversity Heritage Library: a global open repository

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Open Repositories 2014



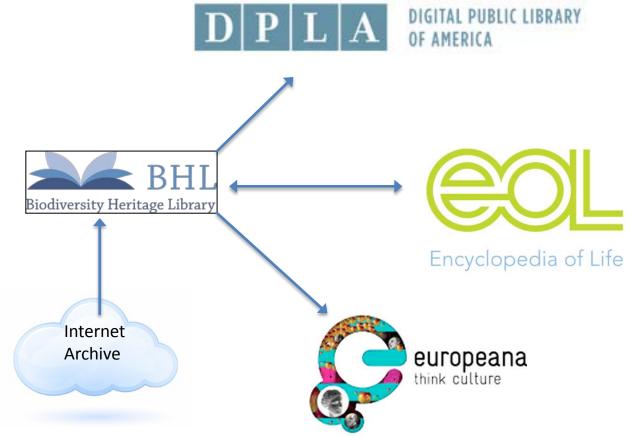


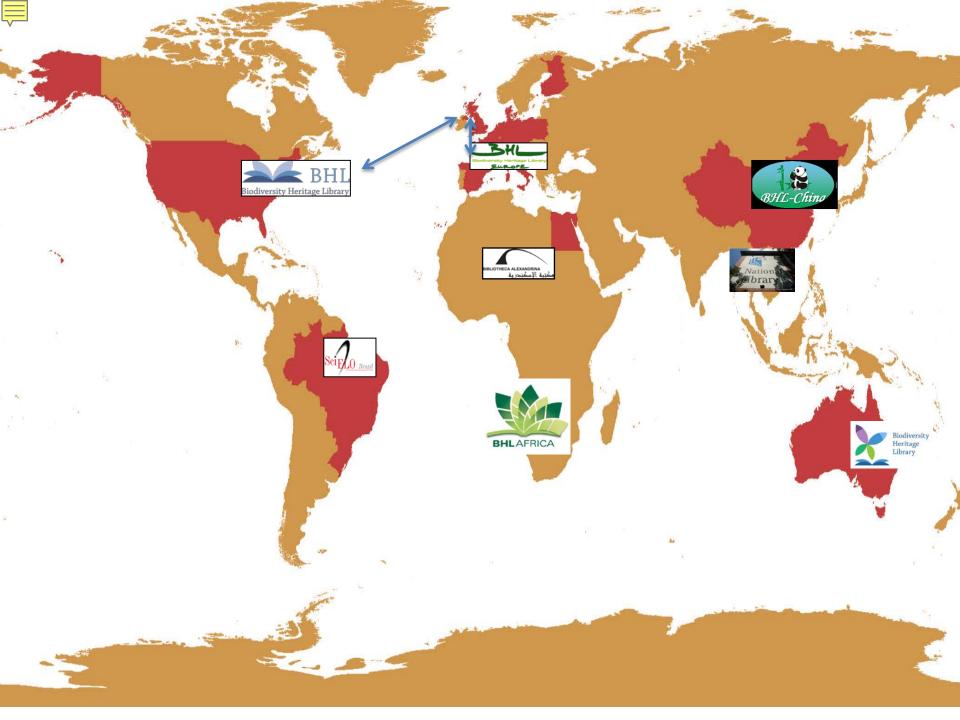




What is the Biodiversity Heritage Library?

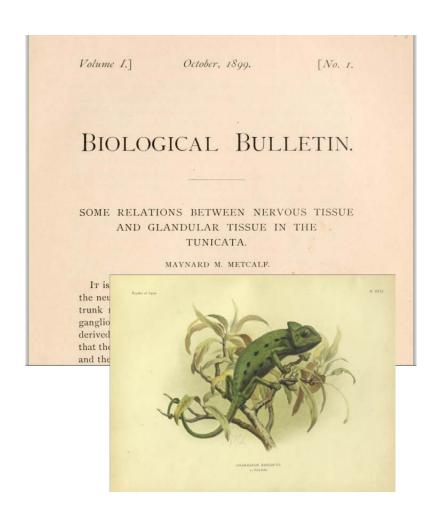
- Extensive
- Open
- Global
- Linked



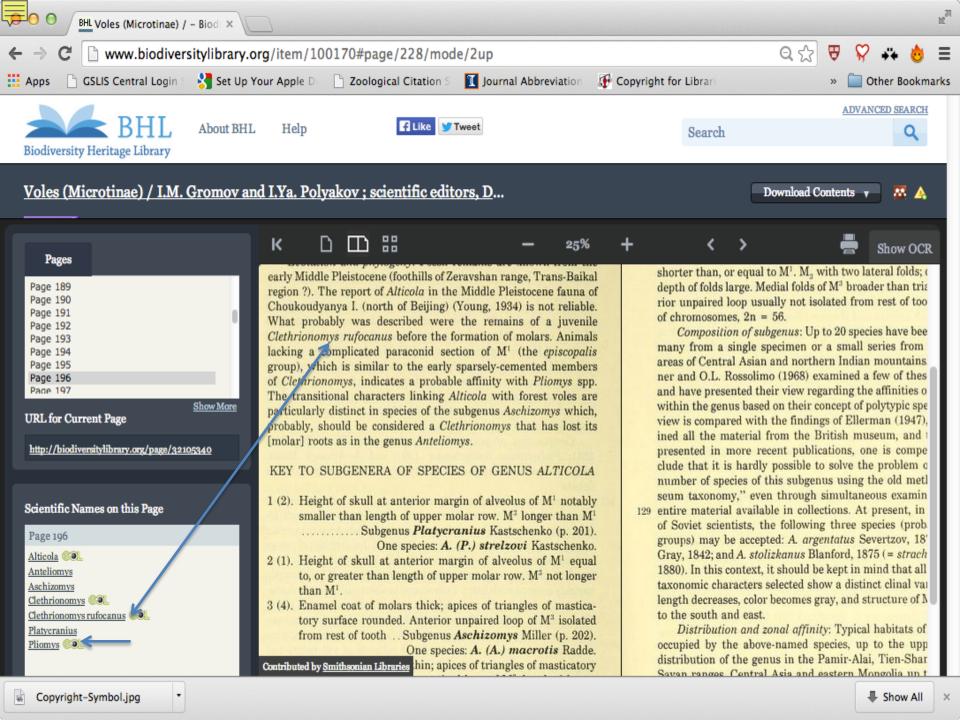




BHL=Libraries, Technology & Science

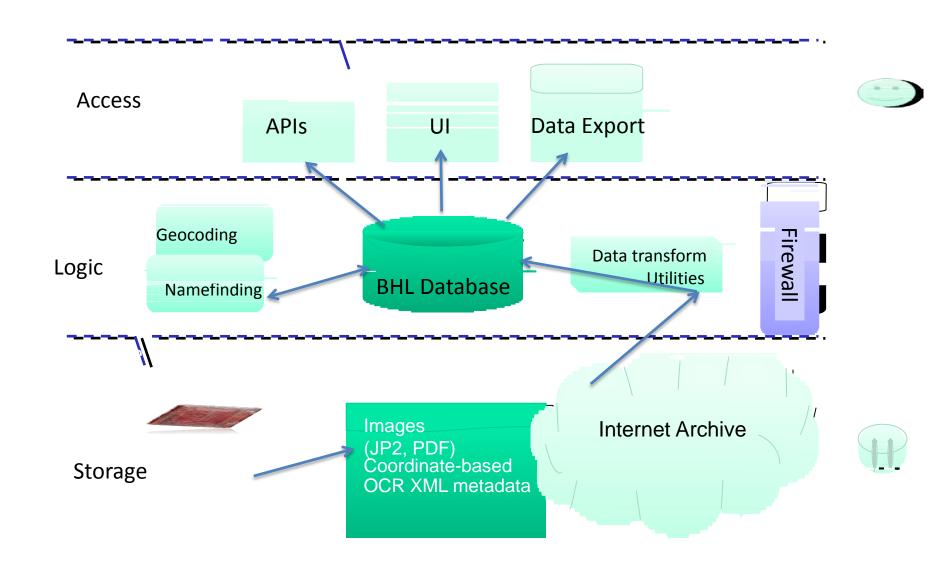


- Scientific descriptions of animals, plants, nature in general (Taxonomic literature)
- Type in a taxon name and find all detected occurrences in the text corpus.
- Systematic biology is easier for scientists—the taxonomic impediment is resolved.





BHL Architecture



Agricultural ecology Animal behavior Animal culture Animal husbandry Aquaculture Bioacoustics Biochemistry Bioclimatology Biogeomorphology Bioluminescence Biomechanics Collection & preservation Conservation biology Continental drift Coral islands, reefs, & atolls Ecology Economic botany Ecophysiology Ecosystems Embryology Algae Amphibia Anatomy Forestry Evolutionary genetics Angiosperms Arachnida Arthropoda Genetics Geomicrobiology Atlases & gazetteers Biodiversity conservation Horticulture Geobiology 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 Microbial ecology Scientific expeditions Zoology 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



Biodiversity Heritage Library

- Where is the data?
- How big is BHL?





- Public Domain
- Publisher Agreements
 - US Titles: 249
 - UK Titles: 69
 - -TOTAL TITLES: 318
 - US Licensors: 92
 - UK Licensors: 41
 - **-TOTAL LICENSORS: 133**



BHL & Social Tools



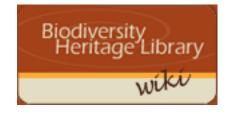






















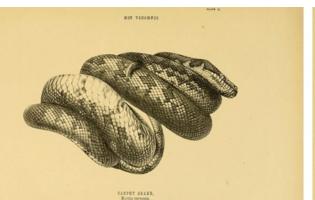


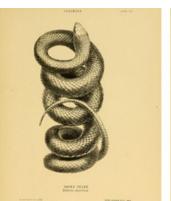




Grants

- Connecting Content: A Collaboration to Link Field Notes & Published Literature
- The Art of Life: Data Mining & Crowdsourcing the Identification & Description of Natural History Illustrations from the Biodiversity Heritage Library
- Purposeful Gaming & BHL: engaging the public in improving & enhancing access to digital texts
- Digging into Data: Mining Biodiversity Project



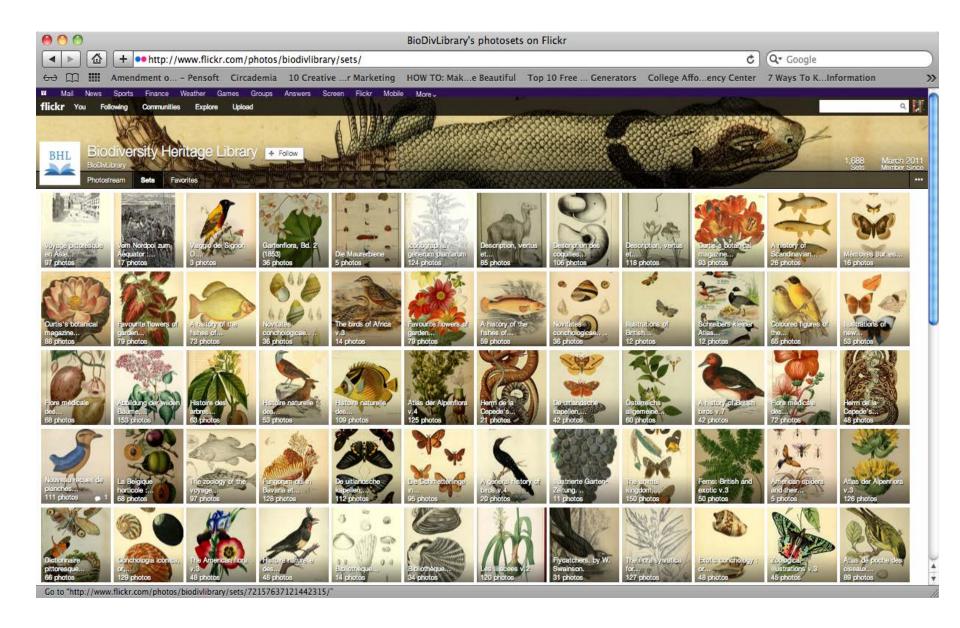








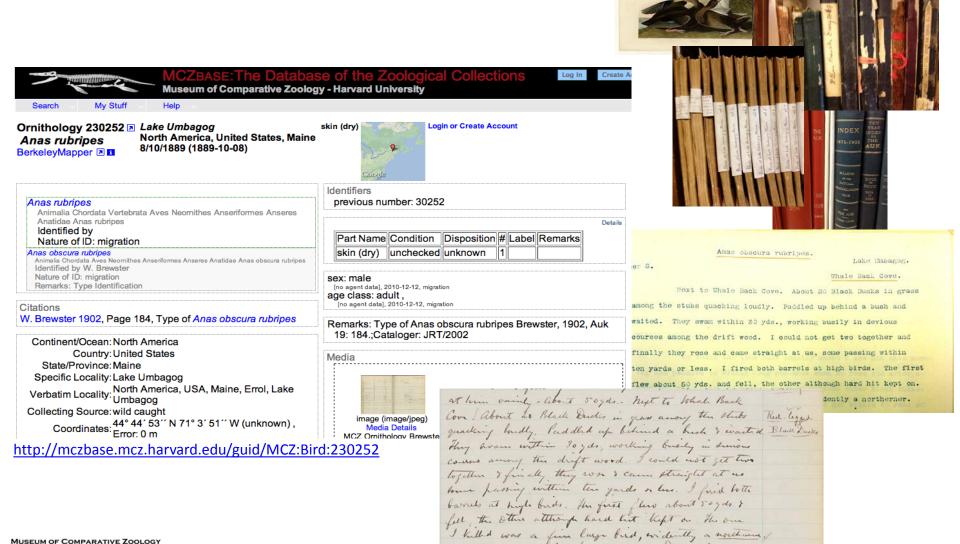
BHL Flickr





HARVARD UNIVERSITY

Connecting Content



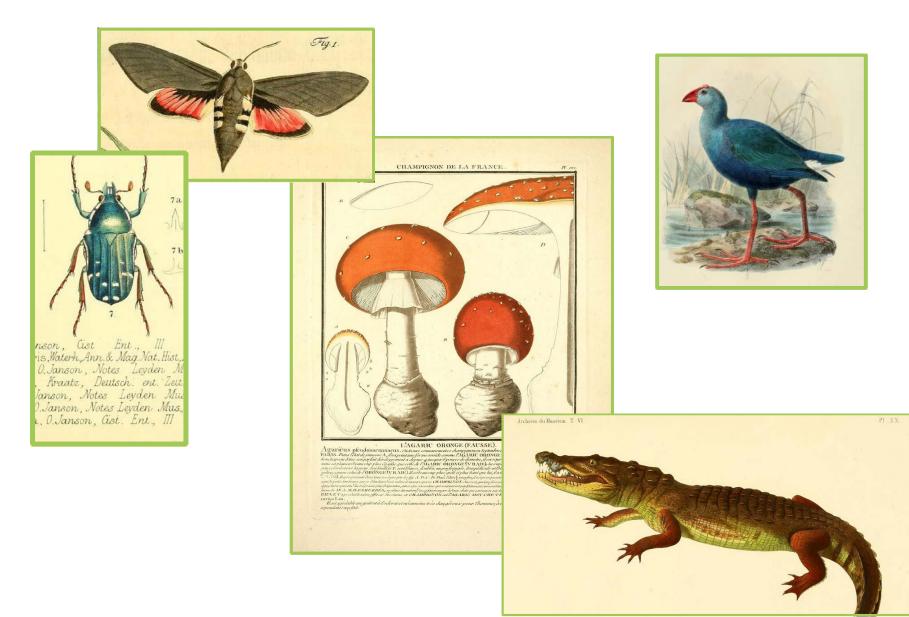
Banded and while fine cooked a Direk I walked

Museum and Library



Extensive Open Global Linked

Questions?



Links

BHL website: http://www.biodiversitylibrary.org/



BHL Blog: http://blog.biodiversitylibrary.org/

BHL content on Flicker: http://www.flickr.com/photos/biodivlibrary/sets/

Encyclopedia of Life: http://eol.org/

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