Herbarium

http://imago.indiana.edu

Master

130K

IIF

This architecture can be maintained in

No

Can this architecture also be used for

Permanent table PIDs for long

Paper presented

Paleontology

Using digital microscopy, focal stacking, and

Imago is based on the Fedora/Samvera digital

Currently 2,500+ fossils

Laherty, J. and

Re

Stewart

IFLA

Rocky Mountain Herbarium ~850,000

UW

UW Geological Museum ~40,000 fossils

Zooarchaeology

10K 3D vertebrate

ACM: 2792774.

Advanced access controls for lab management and

The herbarium uses Imago to make their

Documenting mass extinction and recovery of

Darwin Core

p. 1

McDonald, R.H. and Hutchens, C.

Motz, G.

CMH Portal

–

IU Herbarium Use Case

The current key use case for Indiana University is the IU Herbarium.

The herbarium uses Imago to make their specimens available for use with Symbiota and Specify and eventually as a part of the Consortium of Midwestern Herbaria portal.

-CMH Portal

http://midwestherbaria.org/portal/index.php

IU Biological Specimen Collections

• Herbarium – 130K pressed plant specimens

• Paleontology – Currently 2,500+ fossils

• Zooarchaeology – 10K 3D vertebrate skeletons

Can this architecture also be used for several types of specimens?

Neither

Boundless Use of Indiana University’s Biological Collections

 boundlessuse@indiana.edu

UW Collections Management Systems

• Arcots (http://arctosdb.org)

• Specify (http://specifysoftware.org)

• Symbiota (http://symbiota.org)

Digital Biodiversity Preservation Issues

Neither content management systems, nor aggregation services provide preservation means for digital specimens.

Mast images are not preserved in context with metadata

No agreed upon standards for file preservation, file format, technical metadata, etc.

REFERENCES


#EDU17

#IMAGO