The Development and Provision of Digital Library Services at Oregon State University

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Oregon State University Libraries & Press

- 3 Libraries
- 2 million volumes
- 360 databases + 70,000 e-journal titles
- Employs approximately 50 library faculty and 50 library staff and over 100 student workers
B. Capture and preserve faculty and student intellectual capital to enable researchers to dynamically and easily work together.

**Actions**

a. Develop standards and criteria for institutional repositories.
b. Invest in staff and equipment needed to implement institutional repositories.
c. Identify early adopters and partners for institutional repositories with OSU colleges and departments.
d. Develop, in conjunction with the OSU Graduate School, procedures for electronic submission, access and archival storage of theses and dissertations.

C. Create nationally and internationally recognized digital collections that enable OSU's faculty and researchers to have immediate access to critical information and enhance OSU Libraries' reputation as a leader in providing quality digitized and born-digital content.

**Actions**

a. Develop a sustainable framework for creating and preserving digital collections.
b. In collaboration with OSU and other statewide agencies, identify opportunities for building key digital collections.
c. Digitize OSU owned materials in support of the five thematic areas.

D. Strategically acquire and expand collections to align with the OSU five thematic areas.

**Actions**
2012-2017 Strategic Plan

GOAL 3: PLAY A FUNDAMENTAL ROLE IN KNOWLEDGE CREATION AND DISSEMINATION

OSU Libraries and Press will act as a partner and adviser, using our experience and resources to transform scholarly communication within the University. We will work with our communities to promote Open Access to scholarly communication and shift our focus from being gatekeepers of information to being collaborators in the creation and dissemination process.

3.5. Create a robust and flexible digital preservation and curation infrastructure.
   
   a. Create a long-term preservation system for university scholarship and digital collections developed and curated by OSU Libraries and Press.
The role of the academic library has changed.

FROM: Collecting External Resources and providing access and services related to those resources

TO: Engaging in Life-Cycle of Scholarship Produced on Campus
The Research Life-Cycle*

• Discover
• Gather
• Create
• Share

• Share “…includes all aspects of dissemination: participating in conferences and scholarly meetings; publishing; teaching; sharing data, ideas, resources, drafts, and completed works. Issues of intellectual property and copyright are especially important, as well as all activities scholars undertake while preparing reports, theses, presentations and manuscripts: identifying high impact journals, conferences, and publishers, and all the protocols and procedures for successfully disseminating one's work.”

Center for Digital Scholarship and Services at OSU

- Data Services
- Digital Publishing Services
- Digital Repository Services
- Digitization Services and Digital Collections
- Discovery Services
- Metadata and Cataloging Services
- Scholarly Communications Services
  - Copyright and Fair Use
  - Open Access Promotion
Digitization and Digital Collections

- OSU Research
  - Theses and dissertations
  - Extension and Ag Experiment Station publications
- Government documents and technical reports
Digitization and Digital Collections

The OSU Herbarium Type Specimens Collection

Type Specimens and Original Descriptions of Oregon Plants in the Oregon State University Herbarium

The biological diversity of the Pacific Northwest is well-appreciated by the citizens of the region, and central to our economy and culture. Much less appreciated is the fact that the documentation of this diversity is incomplete and represents an ongoing task. The Oregon State University Herbarium is an essential resource for biodiversity research in the region. With over 400,000 specimens, it maintains the world’s largest collection of Oregon plant type specimens.

Archival and Cultural Heritage Materials

- Photographs
- Type Specimens
- Art
- Maps
- Rare Books and Manuscripts
OSU Herbarium Type Specimens

Library Put Out a Call for Projects
- Herbarium chose to participate because:
  - Library is a central university resource
  - Cataloging expertise

- Data standards
- Commitment to digital revolution
- Copyright expertise
- Library holdings*

Metadata

- Former cataloging staff became metadata specialists
- Metadata creation and repurposing
- Automatic metadata reuse from existing catalog and publisher sources
# Digital Publishing

## Arthropod Collection

Catalog: Oregon State Arthropod Collection

Specimen records, observations, and other resources related to the collection.

**Vol 2, No 2**

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#### Articles

- North American Lepidoptera in the Oregon State Arthropod Collection: Hesperiidae, Pieridae and Pyraloidea
  - Jon H. Shepard, Christopher J Marshall, Paul Hammond

### Vol 7, No 1 (2017): Special Issue: Sudden Oak Death Management

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USFS forest pathologist Ellen Gollee washes a SOD treatment area in Corry Co., Oregon. Photo: Oregon Dept. of Forestry.

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Scholarly Communications

- Promotion and implementation of university Open Access policy
- Open Access publishing
- Copyright negotiation, author’s rights
- Training
Research Data Services

- Data associated with theses and dissertations and publications in ScholarsArchive@OSU
- Data Management Planning
- Metadata assistance
- Training, workshops, and a graduate course
- Copyright and Fair Use pertaining to data
  - Data Sharing Tool Prototype: https://dcwizard.herokuapp.com/
Staffing

Metadata Services (formerly Cataloging)

- In addition to traditional cataloging and metadata services:
  - Organize and prepare materials for digitization projects
  - Provide metadata services to campus
  - Develop workshops and training to campus
  - Consult on metadata issues and data management plans
Staffing

- Subject liaison libraries/bibliographers transitioned to digital projects
- Retirements, positions repurposed
- New positions:
  - Metadata Librarian (formerly serials cataloging librarian)
  - Digital Applications Librarian (formerly maps librarian)
  - Programmers (funded from former staff positions)
  - Metadata Specialists (former cataloging staff)
  - Data Management Specialist (new centrally funded position)
  - Scholarly Communications Librarian (formerly a cataloging and materials repair staff position)
Future

● Continued campus and community outreach to identify sources of content for digitization
● Continued digitization of unique archival material housed at OSU Libraries
● Linked Data
● Digital Preservation
Acknowledgements

University of Library Studies and Information Technologies
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[Add images here]
Additional Information

- ScholarsArchive@OSU: [http://ir.library.oregonstate.edu](http://ir.library.oregonstate.edu)
- Oregon Explorer: [http://oregonexplorer.info](http://oregonexplorer.info)
- OregonDigital.org: [http://oregondigital.org](http://oregondigital.org)
- Journals@OregonDigital: [http://journals.oregondigital.org/](http://journals.oregondigital.org/)
- Research Data Services: [https://guides.library.oregonstate.edu/research-data-services](https://guides.library.oregonstate.edu/research-data-services)
- Copyright and Fair Use: [https://guides.library.oregonstate.edu/copyright](https://guides.library.oregonstate.edu/copyright)
Благодаря ви за вниманието!

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