

# Global Biodiversity Heritage Library

William Ulate

Project Manager, Global Biodiversity Heritage Library

Center for Biodiversity Informatics

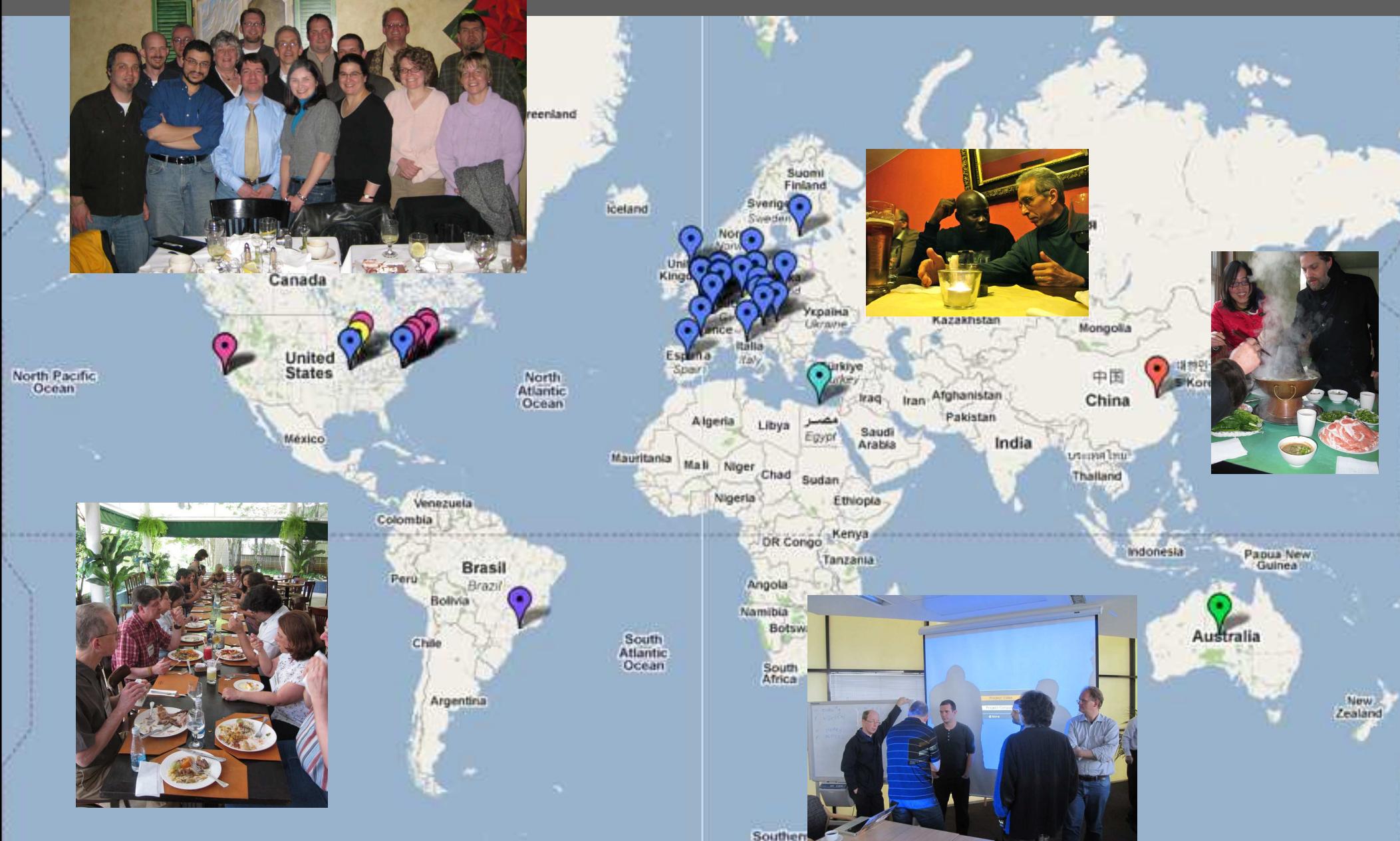
Missouri Botanical Garden

June 9<sup>th</sup> 2011

# Global BHL

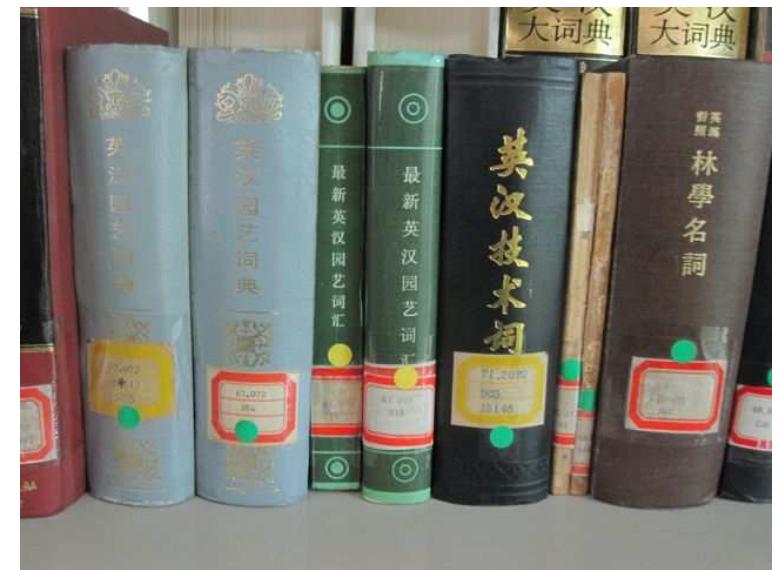


# Global data sharing requires a social infrastructure



# Benefits of Global BHL partnerships

- Redundancy & resilience
  - Data & App Mirroring
- Unique content
- New tools & services
- Opportunities for collaborations
  - Ex: IMPACT, ViBRANT, OpenUp! in EU



# BHL-US/UK



Windows Internet Explorer provided by Missouri Botanical Garden

BHL http://www.biodiversitylibrary.org/

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BHL Biodiversity Heritage Library

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Browse By: Titles | Authors | Subjects | Map | Year Published In: (Any Language) For: (All Contributors)

Now Online Details  
47,180 titles  
92,048 volumes  
34,250,671 pages  
Recent additions

Search the Biodiversity Heritage Library

General Books/Journals Authors Subjects Scientific Names Citation Finder (BETA)

Welcome to the Biodiversity Heritage Library.

The Biodiversity Heritage Library (BHL) is a consortium of 12 natural history and botanical libraries that cooperate to digitize and make accessible the legacy literature of biodiversity held in their collections and to make that literature available for open access and responsible use as a part of a global "biodiversity commons." BHL also serves as the foundational literature component of the Encyclopedia of Life (EOL). BHL content may be freely viewed through the online reader or downloaded in part or as a complete work in PDF, OCR text, or JPG2000 file formats. For help with downloading content, please see the [Tutorials](#) page.

To perform a simple search of BHL, enter an EXACT PHRASE such as "proceedings of the academy" (without quotation marks). Entering keywords such as "proceedings academy" will not return results.

For advanced search options, please use the Books/Journals, Authors, Subjects, Scientific Names, or Citation Finder (BETA) tabs above.

Internet 100%

[www.biodiversitylibrary.org](http://www.biodiversitylibrary.org)

# Coming soon



- Enhancements to home page
  - More focus on search
- Special collections
  - Charles Darwin's personal library
- Scholarly annotations
  - Annotations in Darwin's hand & academic interpretation, crosslinking

# Outreach via social media



- No budget for print media, so go with “free” channels



<http://www.facebook.com/pages/Biodiversity-Heritage-Library/63547246565>

<http://www.facebook.com/group.php?gid=2413693109>



<http://twitter.com/BioDivLibrary#BHLib>



<http://biodiversitylibrary.blogspot.com>



<http://www.flickr.com/groups/bhl/>



# DOIs



- BHL member of CrossRef through Smithsonian
- Will start assigning DOIs to BHL monographs
  - Easy, non-controversial?
- Then move on to articles / other publication types
  - CrossRef rules make full assignment challenging for crowdsourced articles

# Wishlist: 2011 & beyond



- OCR Correction
  - Big problem with no easy solution
- More Content
  - Partnerships, CiteBank
- More Outreach
  - Conferences, marketing, Facebook & social media
- Sustainability planning & funding
  - Committed to no fees for users

# BHL-Europe



www.bhl-europe.eu

The Biodiversity Heritage Library for Europe (BHL-Europe)

« Biodiversity Heritage Library for Europe » (BHL-Europe), littéralement Bibliothèque du Patrimoine de la Biodiversité pour l'Europe, est un projet triennal impliquant 28 institutions européennes majeures, musées d'histoire naturelle et jardins botaniques, avec la coopération d'autres institutions.

Les bibliothèques des musées d'histoire naturelle et des jardins botaniques européens détiennent ensemble la majorité des connaissances publiées dans le monde entier sur la découverte et la description subséquente de la diversité biologique. Toutefois l'accès électronique à cette littérature est complexe. Le but du projet BHL-Europe est de rendre l'information européenne relative à la biodiversité accessible à tout un chacun en augmentant l'interopérabilité des bibliothèques numériques européennes dans le domaine.

En outre, le projet fournira un point d'accès multilingue à la littérature sur la biodiversité via le portail BHL-Europe, avec des fonctionnalités spécifiques pour la recherche et la récupération d'informations biologiques, et via le portail EUROPEANA.

Les illustrations tirées de la littérature et présentées sur ce site montrent quelques exemples de la

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Europeana project group member

co-funded by the Community programme eContentplus

BHL-Europe on Facebook

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# BHL-China



**BHL-China 数据 ( 2011-5-18更新 )**

由 Innergirl 于 星期三, 05/18/2011 - 16:17 发表

图书5646册；页码：1,693,800页；  
期刊文章：115,000篇；页码：650,000页；  
名称-页码词条记录：中文名-页码记录：725,911个，拉丁名-页码词条：687,268个，共计1,413,179个。  
整合BHL-US物种-页码对应词条7811万条。

有全文并已经提取物种名-页码词条的书目包括（其中省级植物志包含所有已出版卷期）：  
湖北植物志  
湖南野生植物

**关于BHL-China**

由 Innergirl 于 星期五, 10/22/2010 - 11:55 发表

关于BHL-China  
中国生物多样性历史文献图书馆（BHL-China）是由中国科学院生物多样性委员会资助的研究项目，旨在通过与BHL（Bio Diversity Heritage Library）合作，联合其他多家研究机构，共同建立一个L-Center网络平台，对重要生物多样性文献进行数字化处理，从而进行全面收集、整理、重置、注释、信息提取和系统整理，建成一个可供查询的我国生物多样性信息咨询和交流的网络平台。同时在各类型平台上为生物多样性（包括EOL、中国节点、CCH等）及其相关领域研究提供文献数据服务。

现在项目正在建设期，依托植物研究所所数字化图书馆项目，先从植物生物多样性文献数字化做起，逐步扩展到其他生物学领域。欢迎对项目提出宝贵意见和建议（意见反馈到fenghong@ibcas.ac.cn），同时欢迎在版权许可的情况下，将您的著

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- 欢迎大家提供反馈信息
- BHL-China顺利通过中期验收
- 近期扫描计划，敬请大家关注
- 欢迎大家提交扫描申请
- BHL美国和中国节点工作人员举行研讨会
- 图书扫描工作全面展开
- BHL中国节点工作组参与“数字图书馆系统建设”交流活动
- BHL-China与美国IA合作取得实质性进展
- BHL中国工作组参与Drupal与数字图书馆系统的建设”交流活动

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**语言**

- 简体中文
- English

<http://www.bhl-china.org>

# BHL-Australia



BHL / Digital Literature | Atla... [www.ala.org.au/about/program-of-projects/bhl/](http://www.ala.org.au/about/program-of-projects/bhl/)

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### Biodiversity Heritage Library

#### The Problem

Libraries – particularly those in natural history museums, herbaria, research institutes and universities around the world – collectively hold most of the published information on the discovery and description of biological diversity. However no physical library could ever be large enough to house and provide access to every taxonomic publication. Nor could any physical library ever collect all the rare publications that hold descriptions of new species, some of which date back several hundred years.

Library collections are as idiosyncratic and distributed as specimen collections, reflecting the research interests over time of the people who have built them. And, although libraries have developed ways to provide access to hardcopy publications, through interlibrary loan systems and sharing catalogue data, actually seeing many publications is still difficult.

In Australia, for example, many early locally published works had a distribution limited by distance. Small journals and monographs can often only be found in Australian libraries, and are sometimes rare even there.

#### Why this is so important

This knowledge is exceptionally valuable because the systematic study of biology and biodiversity depends upon historic literature more than any other science.

*The cultivation of natural science cannot be efficiently carried on without reference to an extensive library – Charles Darwin, et al (1847)*

Key information held in the biodiversity literature over the last 250 years is used for a wide range of purposes, including scientific research, education, taxonomy, biodiversity conservation, natural resources management, disease and pest control and the maintenance of ecosystem services.

For example, the naming and taxonomical classification of living organisms provide the basis for linking disciplines such as evolutionary biology, taxonomy, genetics, agriculture and conservation and this requires access to authoritative taxonomic descriptions which are traditionally held in libraries.

#### The Solution

The key solution is to use the internet to break down the walls of the physical library by digitising the publications or taking

feedback

# BHL-Egypt



Screenshot of the DAR (Digital Assets Repository) website at [dar.bibalex.org/webpages/dar.jsf](http://dar.bibalex.org/webpages/dar.jsf). The page displays a search bar, language links (English | Français | العربية), and navigation links (Home, Member Login, Sign up). The main content area includes sections for 'About DAR' and 'Disclaimer', followed by 'Most Viewed' and 'Most Commented' image galleries.

The 'About DAR' section states: "The Digital Assets Repository (DAR) is a system developed at the Bibliotheca Alexandrina, the Library of Alexandria, to create and maintain the Library's digital collections. Explore our large collection of Arabic digital books, photo albums and more." It includes a 'More>>' link.

The 'Disclaimer' section states: "The Library of Alexandria believes, to the best of its knowledge, that the copyright of the books that are made available in their entirety has already expired, thus, the books fall in the public domain, while the remaining books that are still in copyright are published with only 5% snippets." It includes a 'More>>' link.

The 'Most Viewed' section shows a grid of eight thumbnail images, including a portrait of a woman, a book cover with Arabic calligraphy, and a landscape scene. A 'View All>>' link is provided.

The 'Most Commented' section shows a grid of eight thumbnail images, including a hand holding a pen, a book cover with Arabic text, and a portrait of a woman. A 'View All>>' link is provided.

A large blue watermark URL <http://www.bibalex.org> is overlaid across the bottom of the screenshot.

# BHL-Brazil



www.scieno.org

Registre-se Gratuitamente

SciELO.org avaliação de periódicos

english español

Ajuda sobre este site equipe SciELO

SciELO A Scientific Electronic Library Online - SciELO é uma biblioteca eletrônica que abrange uma coleção selecionada de periódicos científicos brasileiros.

A SciELO é o resultado de um projeto de pesquisa da FAPESP - Fundação de Amparo à Pesquisa do Estado de São Paulo, em parceria com a BIREME - Centro Latino-Americano e do Caribe de Informação em Ciências da Saúde. A partir de 2002, o Projeto conta com o apoio do CNPq - Conselho Nacional de Desenvolvimento Científico e Tecnológico.

O Projeto tem por objetivo o desenvolvimento de uma metodologia comum para a preparação, armazenamento, disseminação e avaliação da produção científica em formato eletrônico.

Com o avanço das atividades do projeto, novos títulos de periódicos estão sendo incorporados à coleção da biblioteca.

sobre este site Esta é a home page do site SciELO Brasil.

O objetivo deste site é implementar uma biblioteca eletrônica que possa proporcionar um amplo acesso a coleções de periódicos como um todo, aos fascículos de cada título de periódico, assim como aos textos completos dos artigos. O acesso aos títulos dos periódicos e aos artigos pode ser feito através de índices e de formulários de busca.

O site da SciELO é parte do Projeto FAPESP/BIREME/CNPq e um dos produtos da aplicação da metodologia para preparação de publicações eletrônicas em desenvolvimento, especialmente o módulo de interface Internet.

Este site é constante mente atualizada quanto ao seu conteúdo, de acordo com os avanços e resultados do Projeto.

Ajuda A interface SciELO proporciona acesso à sua coleção de periódicos através de uma lista alfabética de títulos, ou por meio de uma lista de assuntos, ou ainda através de um módulo de pesquisa de títulos dos periódicos, por assunto, pelos nomes das instituições publicadoras e pelo local de publicação.

http://www.scieno.org/?l=pt

# Thank You!

William Ulate

Project Manager Global BHL

Center for Biodiversity Informatics  
Missouri Botanical Garden

 Email: [william.ulate@mobot.org](mailto:wiliam.ulate@mobot.org)

 Skype: william\_ulate\_r

 Twitter: [@WULate](https://twitter.com/@WULate)

# Thank You!

William Ulate

Project Manager Global BHL

Center for Biodiversity Informatics  
Missouri Botanical Garden

 Email: [william.ulate@mobot.org](mailto:wiliam.ulate@mobot.org)

 Skype: william\_ulate\_r

 Twitter: [@WULate](https://twitter.com/@WULate)