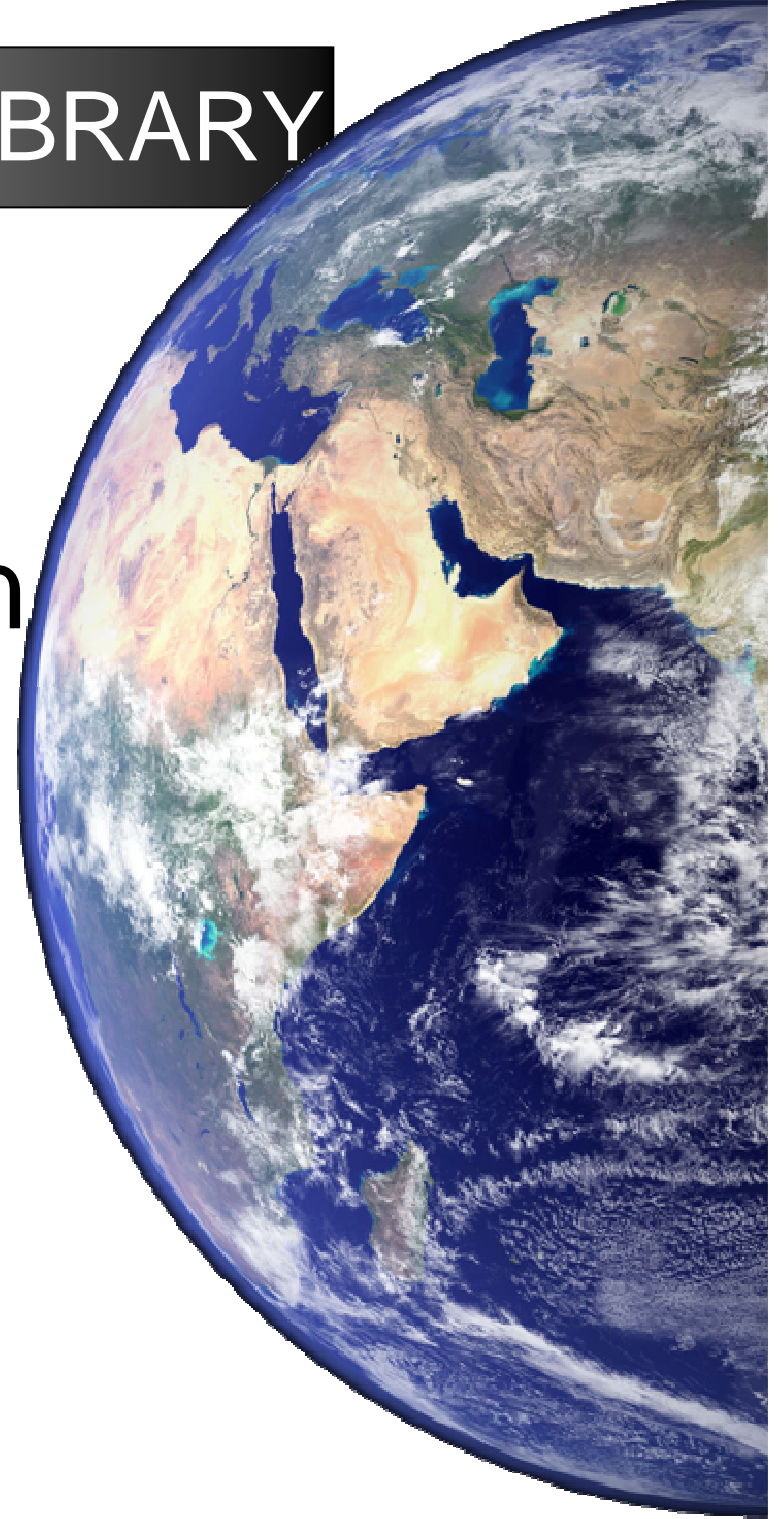
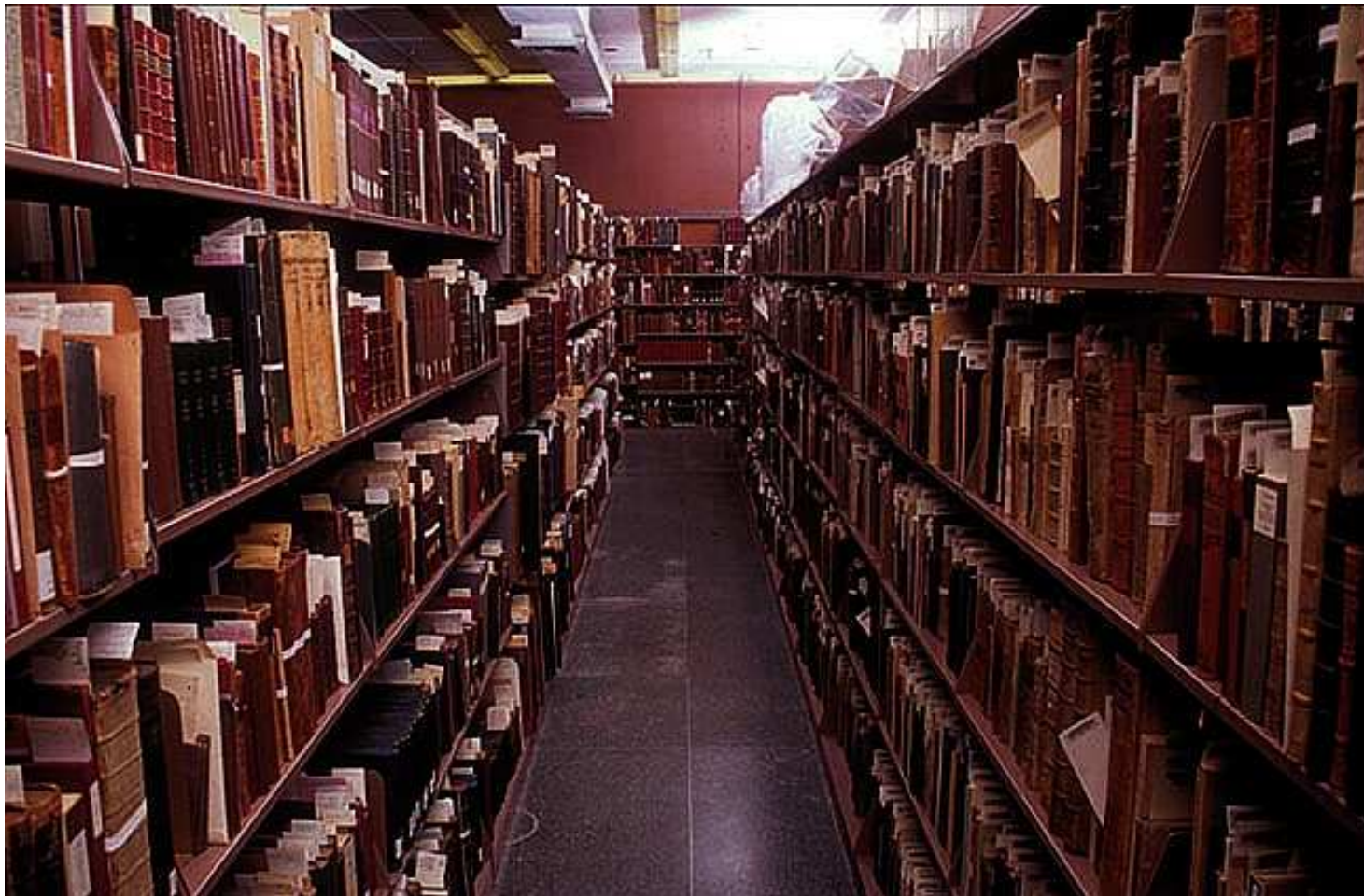


Smithsonian Institution
Libraries
and the
Biodiversity Heritage
Library



BIODIVERSITY HERITAGE LIBRARY

How to make THIS into 0's and 1's



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If you digitize it ...

Will they find it?

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Search Gone BAD!



Moo-shoe pork

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Metadata – failure to serve

TX 603 A64 E1920 c.1(photo- copy) MIT	<p>Appert, Nicolas, 1750–1841. The book for all households; or, The art of preserving animal and vegetable substances for many years, by Appert, tr. by K. G. Bitting ... Chicago, Ill., 1920.</p> <p>18, [2], [v]-xv, 113 p. illus. (incl. port.) 19½ cm.</p> <p>A translation of the first edition, including t.-p.: The art of preserving animal and vegetable substances for many years ... By Appert ... [Paris, Patris & co., printers-booksellers, 1810.</p> <p>"Nicolas Appert": p. 6–13 of the preliminary matter.</p>
	<p>1. Canning and preserving. 1. Bitting, Mrs. Katherine Golden, 1860– tr. 11. Title.</p>
bss 5-10-72	<p>Library of Congress TX603.A6 21—1244 Provisional [41c1]</p>

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- Specimen
- Plate or other visual image
- Taxonomic description

6. AGATEA, Nov. Gen.

Calyx pentaphyllus subæqualis, basi haud productus, deciduus. Corollæ petala 5, hypogyna, erecta, inæqualia; postica lateralibus paullo minora; anticum majus, labelliforme, spathulatum, basi dilatatum. ... antea breviter, ... alia margi- ... introrsum ... o in appen- ... n, placentis ... ubcurvatus: ... sus; foliis ... lis minimis ... icellis 2-3- ... infra apicem articulatis; floribus parvis viridulis.

1. AGATEA VIOLARIS, Sp. Nov. (Tab. 7.)

Var. α . *foliis oblongo-lanceolatis integerrimis vel obsolete repandis paniculas subæquantibus.*

Var. β . *foliis majoribus ovato-oblongis nunc repando-subdentatis paniculas excedentibus.*

HAB. Feejee Islands: the var. α . from Naloe Bay. Var. β . Ovolo.

A shrubby, sarmentose, or somewhat climbing plant, entirely glabrous, except the inflorescence. Branches slender, leafy to the top. Leaves alternate, thin, chartaceous in texture, smooth, in the specimen from Naloe Bay (var. α .) oblong-lanceolate, 3 or 4 inches in

23



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5. CLEYERA

Cleyera, DC. Prodr. i. p. 524; Benth. et Hook. Gen. Plant. i. p. 183.

Shrubs and trees. Six species – two Asiatic (Japan and India), the others Mexican and West-Indian.

1. *Cleyera integrifolia*, Pl. MSS. in Hb. Kew.

Frezeriera integrifolia, Benth. Pl. Hartw. 6.

NORTH MEXICO, Zacatecas and Bolaños (*Hartweg*). Hb. Kew.

2. *Cleyera mexicana*, Pl. MSS. in Hb. Kew.

Tristylum mexicanum, Turcz. in Bull. Soc. Nat. Mosc. 1858, p. 249. SOUTH MEXICO, Sierra San Pedro Nolasco &c. (*Jurgensen*, 604). Hb. Kew.

6. FREZIERA

Freziera, Swartz, Fl. Ind. occ. p. 971, t. 19; Benth. et Hook. Gen. Plant. i. p. 183.

About eight shrubby species, all restricted to Tropical America.

1. *Freziera sericea*, Humb. et Bonpl. Pl. Æquin. p. 29, t. 8.

Freziera chrysophylla, Humb. et Bonpl. loc. cit. t. 7.

Freziera hirsuta, Seem., non Smith.

PANAMA, Boquete, Veraguas (*Seemann*, 1153). – COLOMBIA. Hb. Kew.

2. *Freziera theoides*, Sw. Fl. Ind. occ. ii. p. 972.

SOUTH MEXICO, Cuesta Grande de Jalacingo (*Scheide & Deppe*), near Chiconquiaco (*Schiede*);

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2003. Telluride. Encyclopedia of Life meeting

February 2005. London. Library and Laboratory:
the Marriage of Research, Data and Taxonomic
Literature

May 2005. Washington. Ground work for the
Biodiversity Heritage Library

June 2006. Washington. Organizational and
Technical meeting

August 2006. New York Botanical Garden. BHL
Director's Meeting.

October 2006. St. Louis/San Francisco. Technical
meetings

February 2007. Museum of Comparative Zoology.
Organizational meeting

May 2007. Encyclopedia of Life and BHL Portal
Launch. Washington DC.



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American Museum of Natural History (New York)

Field Museum (Chicago)

Natural History Museum (London)

Smithsonian Institution Libraries (Washington)

Missouri Botanical Garden (St. Louis)

New York Botanical Garden (New York)

Royal Botanic Garden, Kew

Botany Libraries, Harvard University

Ernst Mayr Library of the Museum of
Comparative Zoology, Harvard University

Marine Biological Laboratory / Woods Hole
Oceanographic Institution



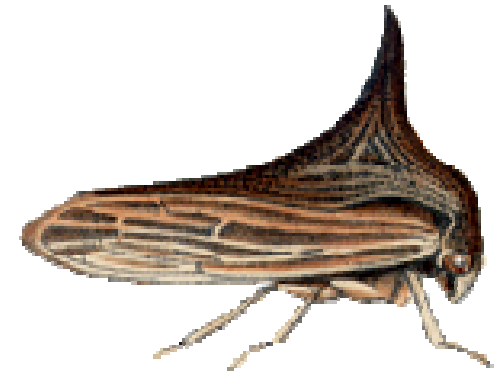
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University of Illinois,
Urbana-Champaign
(contributing member)

BHL - Europe

Additional categories of
membership under
consideration (China)

Partner: Internet Archive



BIODIVERSITY HERITAGE LIBRARY

Initial grant from the
MacArthur and Sloan
Foundations (as part of the
Encyclopedia of Life grant)

Additional support from
parent institutions

Additional grants being
actively pursued by Individual
Member Institutions and BHL



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Guestimates:

Core literature pre-1923: 100 million pages (?)

All pre-1923: 120-150 million pages

All literature: 280-320 million pages



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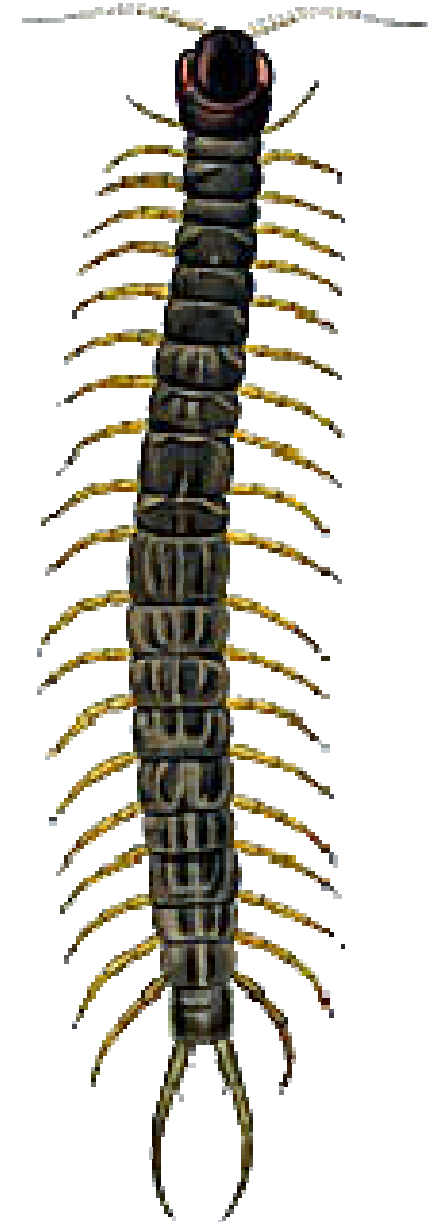
1.3 million catalogue records

73% are monographs (remainder are
serials at title-level)

63% is English language material

The next most popular language (9%)
is German

About 30% of material was published
before 1923



BIODIVERSITY HERITAGE LIBRARY

Initial Metadata Analysis:

We have 1.3 million
catalogue records

73% are monographs
(remainder are serials at title-
level)

63% is English language
material. The next most
popular language (9%) is
German.

About 30% of material was
published before 1923.



BIODIVERSITY HERITAGE LIBRARY

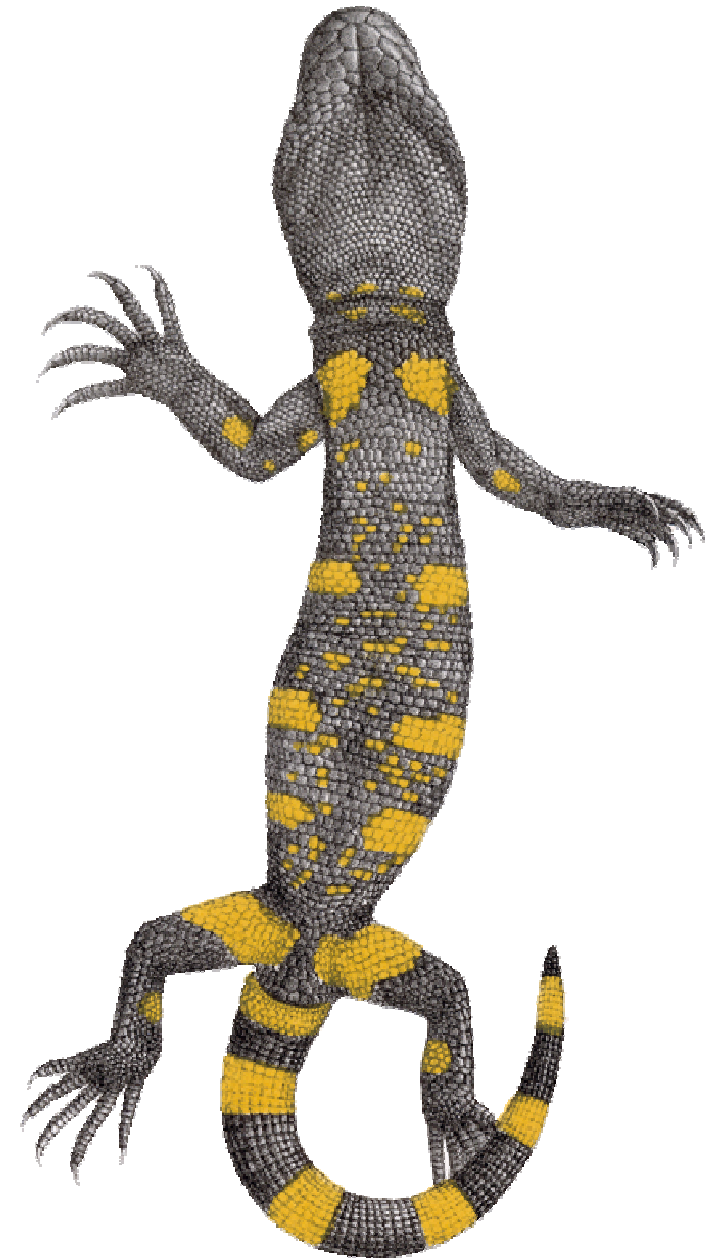
Who has what?

What should we scan and when?

Monographs vs Serials

Series treated as separates

Can it be found and used once scanned?

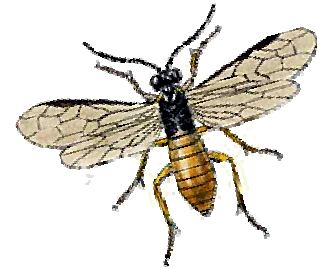


Selection Tools:

Combined Serial list for selection of title to scan to avoid duplication of effort

Monographic “de-duping” algorithm

OCLC Collection Analysis



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Marine Biological
Laboratory/WHOI

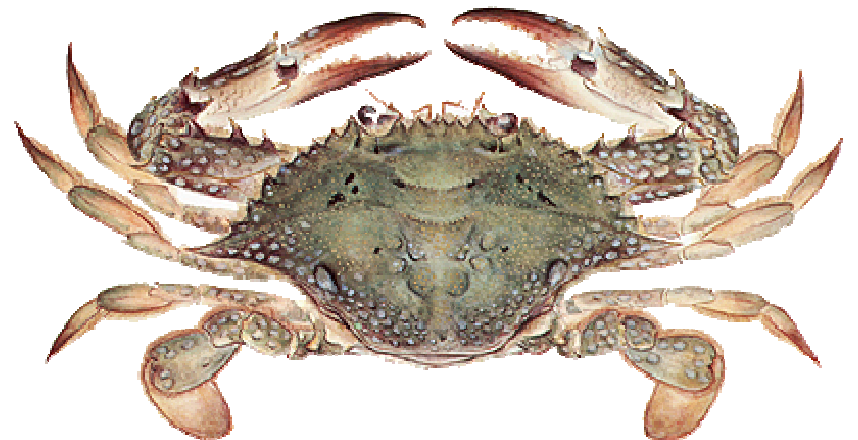
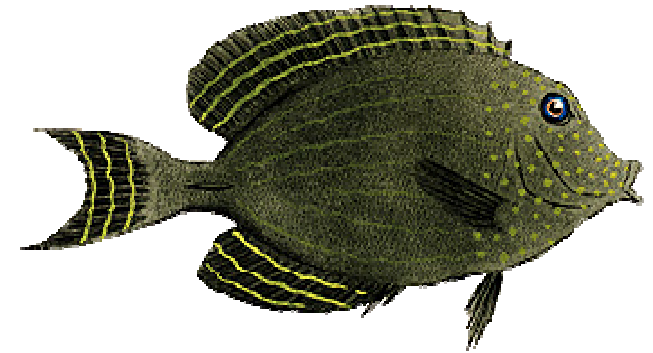
Marine monographs
General Science

Museum of Comparative
Zoology

MCZ publications

Herpetology monographs
and serials

Ichthyology monographs
and serials



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University of Illinois

Fieldiana

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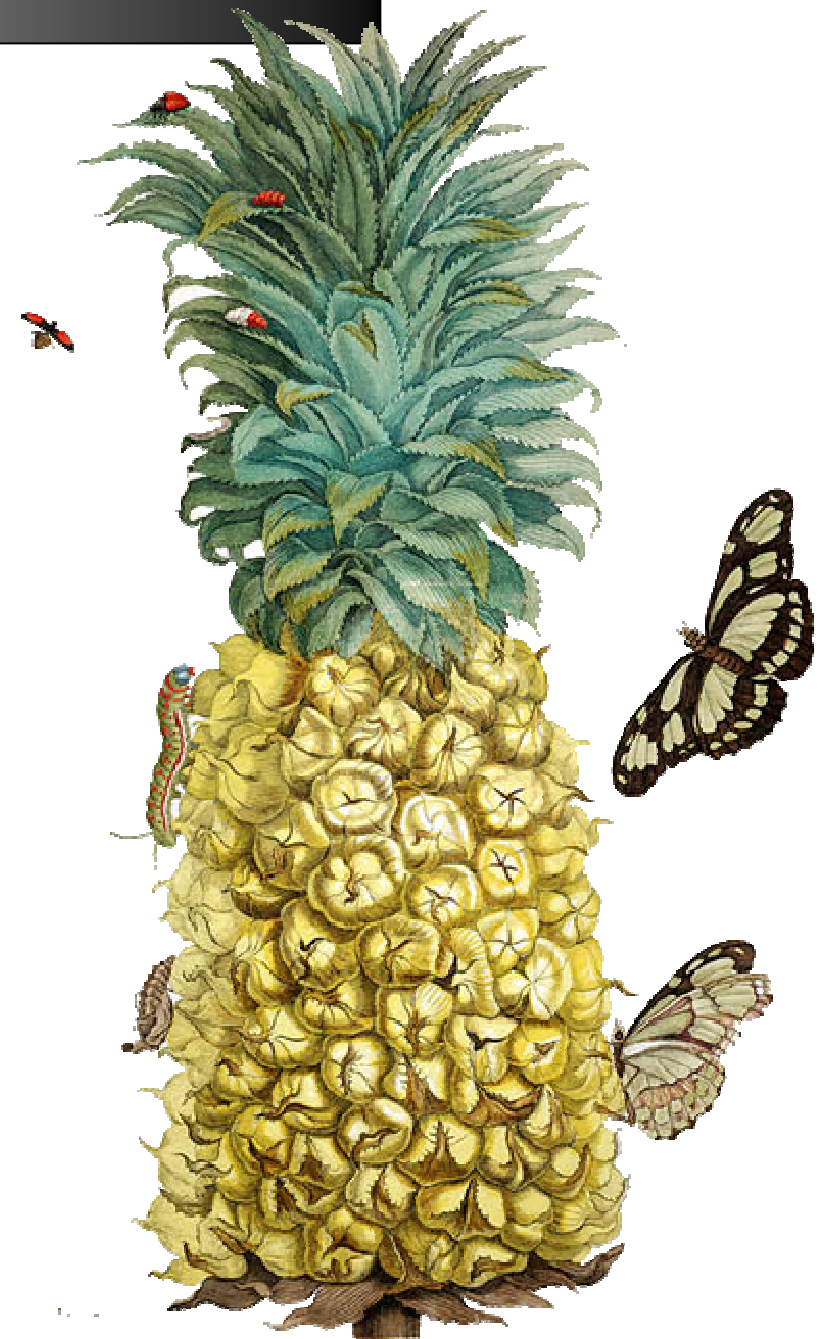
NHM publications

Major natural history general
serials



Botany Collections

Missouri Botanical Garden,
New York Botanical Garden,
Harvard Botany Libraries, and
Royal Botanic Garden, Kew
will cooperatively develop a
methodology for botanical
publications



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Smithsonian Institution Libraries

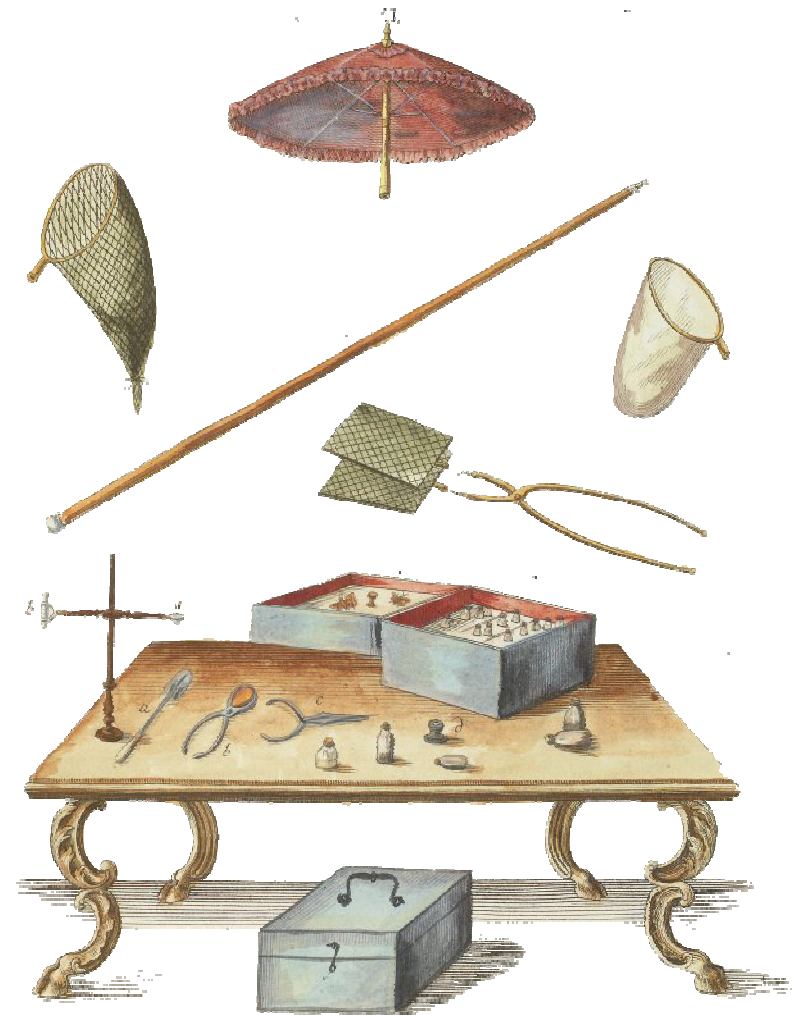
Smithsonian publications

Entomology collection

Marine mammals

Fishes

Selected special collections
materials



BIODIVERSITY HERITAGE LIBRARY

Collections Coordinator on board in February 2009.

Bianca Lipscomb, based at the Smithsonian, will coordinate material selection across the BHL and contributing partners



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Internet Archive

501(c)(3) organization

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Access to Human Knowledge”

Founder of the Open Content
Alliance

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- Mass scanning

- Archival storage of files

- Image processing

- Technology development



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Custom built by the
Internet Archive

Human operated

3,500 page per shift per
day



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Northeast Regional Scanning Center

10 Scribe machines

MBL/WHOI

Harvard

Jersey City

10 Scribe machines

AMNH

NYBG



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University of Illinois

2 Scribe machines

Natural History
Museum, London

1 Scribe machine

Missouri Botanical
Garden

Non-Scribe operation



BIODIVERSITY HERITAGE LIBRARY

Washington, DC

1 Scribe machine at
Smithsonian Libraries

10 Scribe facility at
Library of Congress
with Fedlink
(operational May
2008)



BIODIVERSITY HERITAGE LIBRARY

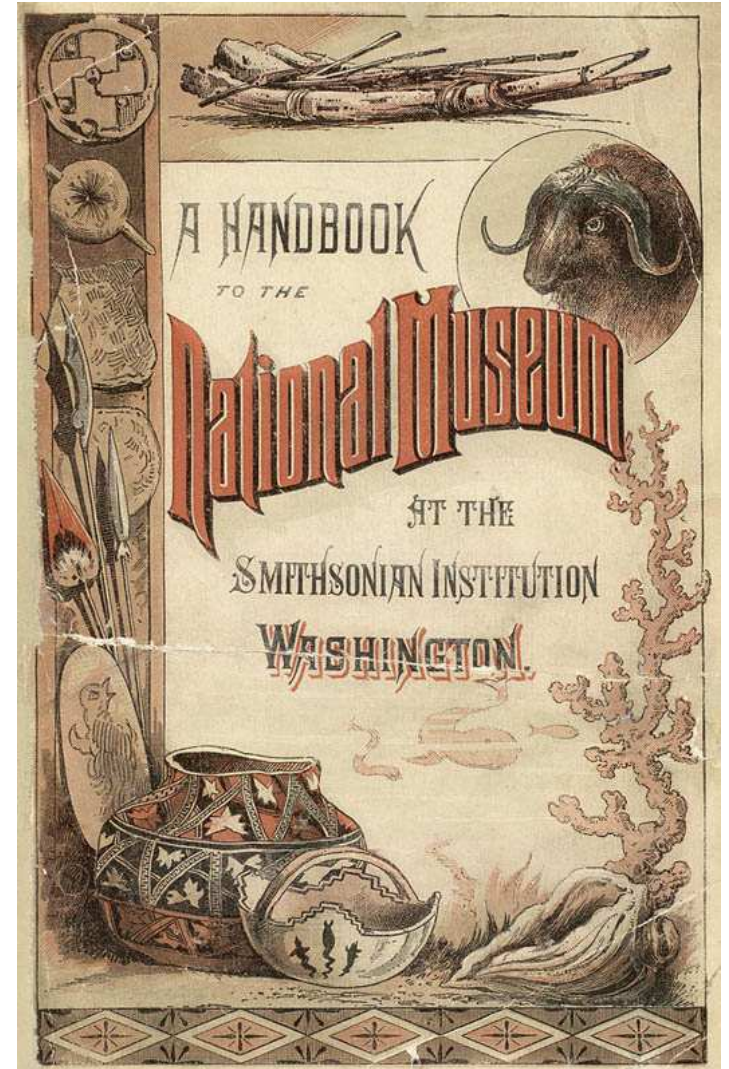
Mass Scanning Workflow

Serial management
Bid Lists

Monograph Management
Dedupper

Pick Lists

Packing Lists



Ernest Ingersoll

Hand-book to the National Museum ... Smithsonian Institution, 1886

Mass Scanning Workflow

Local data flow

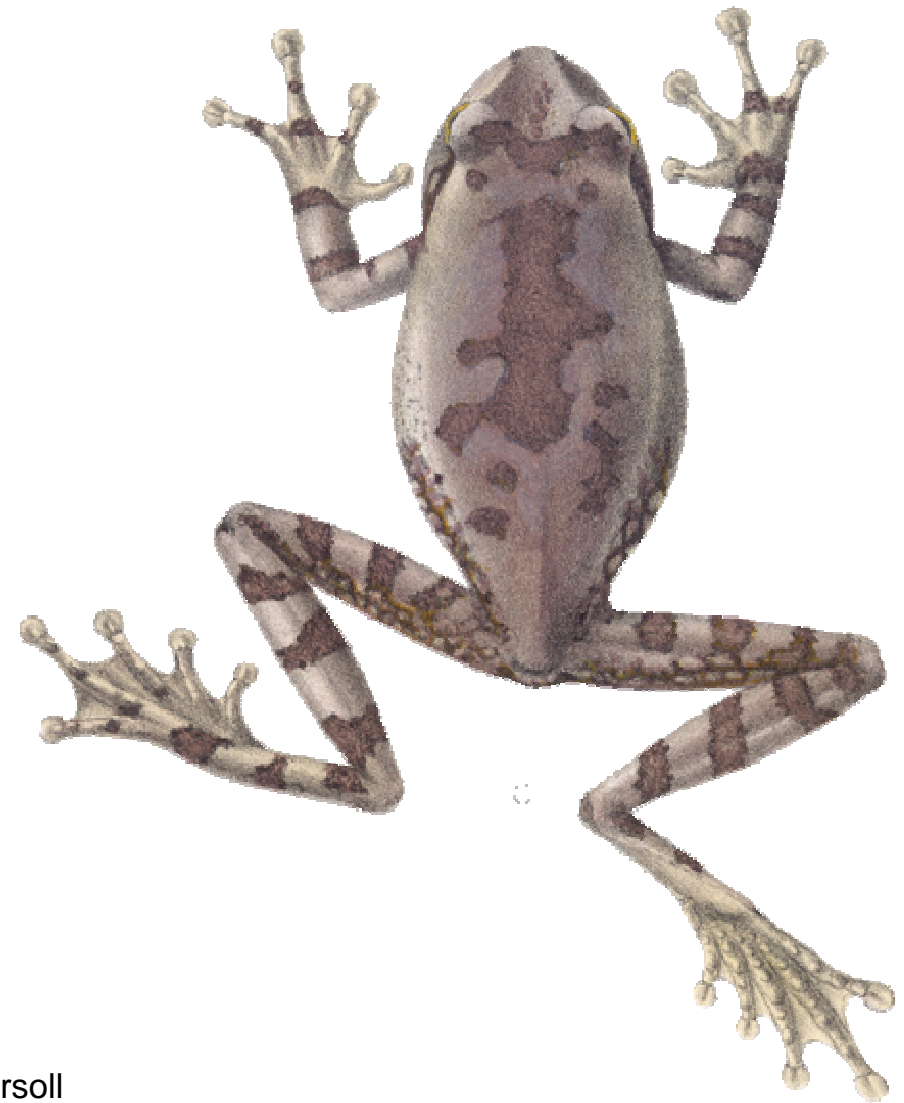
Vendor data flow

WonderFetch tm

Return of data

Return of material

Billing



Ernest Ingersoll

Hand-book to the National Museum ... Smithsonian Institution, 1886

Flow of the Process

- Select Book ~Pull from Shelf
- Review Physically and Metadata
- Establish viability and create Wonderfetch tm
- Send to IA scanning center



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Flow of the Process

- Book is scanned & QA
- Page images loaded to IA
- Derivatives created
- Book returned
- QA on returned book against images
- Book returned to library



Flow of the Process

- Metadata files harvested from IA portal to BHL
- Taxonomic Intelligence Added
- Available through BHL



BIODIVERSITY HERITAGE LIBRARY

2007:

Cataloged, barcoded, inventoried and created summary holdings for 1,738 serial titles and created 60,830 item records in SIRIS for BHL

2008:

Cataloged, barcoded, inventoried, and created summary holdings for 1,311 serial/journal titles and created 46,140 item records in SIRIS for the Biodiversity Heritage Library (BHL).





Menu Shortcuts

- Searching
 - CatPAC F9, F2
 - Generic PAC
- New Additions
- PAC Control ...
- Cataloging
 - Authority Rec...
 - Bibliographic...
 - Bib Quic...
 - Create N...
 - Batch Bi...
- Item Record
 - Item Bar...
 - Batch Pri...
- Export
- Import F9, m
 - Import_Auth_...
 - Import_Item_...
 - Import_Item_...
 - Import_Source
 - Import_Sourc...
 - Import_Tag_A...
 - Collection_C...
- Workforms
- Cataloging C...
- Circulation
- Acquisitions
- Administration
- Serials

Barcode	Copy	Collection	Call No./Fast-Add Flag/Item Status	ORD	Scanned
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	For holdings check shelf		Checked In		

Selection Total: 1



Biodiversity Heritage Library

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33,127 volumes

13,314,612 pages

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[BHL: 2 Years: 13 million pages: 12 million names: Chrismania!](#)

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[Update on BHL-Europe and job posting for Team Leader and ICT specialist](#)

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Verslagen van de Werkzaamheden der Eerste Klasse van het Koninklijke Instituut van Wetenschappen Letterkunde en Schoone Kunsten.

Brief | [Detailed](#) | [MARC](#) | [BibTeX](#)

By:

[Koninklijk-Nederlandsch Instituut van Wetenschappen Letterkunde en Schoone Kunsten.](#)

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Amsterdam.

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Berliner entomologische Zeitschrift.

[Brief](#) | [Detailed](#) | [MARC](#) | [BibTeX](#)

Related Titles:

Succeeding: Deutsche entomologische Zeitschrift

By:

[Berliner Entomologischer Verein](#)

Publication info:

Berlin :Berliner Entomologischer Verein,1857-1913.




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  [v. 8 1864](#)
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  [v. 11 1867](#)
  [v. 12 1868](#)
  [v. 13 1869](#)
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  [v. 18 1874](#)
  [v. 25 1881](#)
  [v. 28 1884](#)
  [v. 29 1885](#)
  [v. 32 1888](#)
  [v. 33 1889](#)



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- Searching
 - CatPAC F9, F2
 - Generic PAC
- New Additions
- PAC Control ...
- Cataloging
 - Authority Rec...
 - Bibliographic...
 - Bib Quic...
 - Create N...
 - Batch Bi...
- Item Record
 - Item Bar...
 - Batch Pri...
- Export
- Import F9, m
 - Import_Auth_...
 - Import_Item_...
 - Import_Item_...
 - Import_Source
 - Import_Sourc...
 - Import_Tag_A...
 - Collection_C...
 - Workforms
- Cataloging C...
- Circulation
- Acquisitions
- Administration
- Serials

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		v. 1 1857		Checked In		
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		v. 4 1860		Checked In	0	
	3. 39088012676003	Entomology	QL461 .B515			
		v. 52 1907		Checked In	0	
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		v. 5 1861		Checked In	0	
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		v. 7 1863		Checked In	0	
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		v. 15 1871		Checked In	0	
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		v. 10 1866		Checked In	0	
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		v. 16 1872		Checked In	0	
	12. 39088012675575	Entomology	QL461 .B515			
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		v. 12 1868		Checked In	0	
	14. 39088012675609	Entomology	QL461 .B515			
		v. 13 1869		Checked In	0	
	15. 39088012675617	Entomology	QL461 .B515			
		v. 14 1870		Checked In	0	
	16. 39088012675583	Entomology	QL461 .B515			
		v. 9 1865		Checked In	0	
	17. 39088012675716	Entomology	QL461 .B515			
		v. 25 1881		Checked In	0	

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21. Title: [The Entomologist](#). Author: [Entomologist \(London, England : 1877\)](#) Year: 1877
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25. Title: [Insecta;publication mensuelle de la Station entomologique de la Faculté des sciences ...](#) Year: 1911
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26. Title: [Invertebrata pacifica](#). Year: 1903
Call no.: **QL3461 I7 X** Volume/issue: **v. 1 1903-07** Barcode: **39088012688594**
27. Title: [Pomona journal of entomology](#). Year: 1909
Call no.: **QL3461 J85 X** Volume/issue: **v. 1-2 1909-10** Barcode: **39088012688636**
28. Title: [The Journal of entomology :descriptive and geographical](#). Year: 1860
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29. Title: [Miscellanea entomologica;revue entomologique internationale](#). Year: 1892
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30. Title: [Miscellanea entomologica;revue entomologique internationale](#). Year: 1892
Call no.: **QL3461 M678** Volume/issue: **v. 20 fasc. 1-12 1912** Barcode: **39088012690152**
31. Title: [Miscellanea entomologica;revue entomologique internationale](#). Year: 1892
Call no.: **QL3461 M678** Volume/issue: **v. 17 fasc. 1-12 1909** Barcode: **39088012690137**
32. Title: [Entomological series](#). Author: [Mysore \(India : State\).Dept. of Agriculture](#). Year: 1911
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Fri May 8, 3:15 PM Scribe



268. Title: BeitrPage zur Kenntnis von Muskulatur und Skelett des Rippes des Hais Stegostoma tig... Author:Lutner, Alexander Ferdinand,\$d 1877- Year:1909
Call no.:QL36389 L97 41909 Barcode:39088000831040
-
269. Title: On the appendices genitales in the Greenland shark, Somniosus microcephalus (Bl. Schn... Author:Jungersen, Hector F. E.\$q (Hector Frederik Estrup),\$d 1854-1... Ye
Call no.:QL363895 S84 J95 41899 Barcode:39088005856091
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270. Title: BeitrPage zur Anatomie und Physiologie des Nervus Vagus Fischen, Author:Hoffmann, Carl Ernst Emil. Year:1860
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271. Title: Catalog der gegenwärtig lebend bekannten Pneumonopomen / Author:Kobelt, Wilhelm, 1840-1916. Year:1899
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272. Title: Icones vermium : indicem systematicum / Author:Kielsen, F. C._q(Frederik Christian),_d1774-1850 Year:1835
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273. Title: A selection of 150 plates from Sowerby's Thesaurus Conchyliorum or Genera of shells. Author:Sowerby, G. B._q(George Brettingham),_d1812-1884 Year:1840
Call no.:QL404 .S73s 1840 Barcode:39088005594924
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274. Title: Manuel de malacologie et de conchylologie ... Author:Blainville, H.-M. Ducrotay de_q(Henri-Marie Ducrotay),_d1777... Year:1825
Call no.:QL408 .B63 Volume/issue:Plates Barcode:39088000963686
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275. Title: Catalogue of the collection of Mazatlan shells in the British Museum. Author:British Museum (Natural History),_bDept. of Zoology. Year:1857
Call no.:QL421 .B82X Volume/issue:v 2 Barcode:39088000518399
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276. Title: Catalogue of the land shells which inhabit Jamaica / Author:Adams, C. B._q(Charles Baker),_d1814-1853 Year:1851
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277. Title: Les coquilles marines au large des côtes de France : faune pélagique et faune abyssal... Author:Locard, Arnould,_d1841-1904 Year:1899
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278. Title: A manual of the land and fresh-water shells of the British Islands, Author:Turton, William,_d1762-1835 Year:1840
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-
279. Title: Index molluscorum, quae in itinere ad Guineam inferiorem collegit Georgius Tams, med.... Author:Dunker, Wilhelm Bernhard Rudolph Hadrian,_d1809-1885. Year:18
Call no.:QL427 .D919 Barcode:39088000487322
-
280. Title: Manual of the New Zealand Mollusca. A systematic and descriptive catalogue of the m... Author: Dominion Museum (N.Z.) Year:1880
Call no.:QL428 .W53X 1880 Barcode:39088005643069
-
281. Title: Mémoire sur plusieurs espèces de coquilles nouvelles ou peu connues de mollusques exo... Author:Grateloup, Jean-Pierre Silvestre de,_d1782-1862 Year:1841
Call no.:QL430.4 .G77 1841 Barcode:39088000485714
-
282. Title: Synopsis molluscorum extramarinorum, regionis palÁarcticÁ. Author:Westerlund, Carl Agardh,_d1831-1901. Year:1897
Call no.:QL430.5 .B8W52 1897 Barcode:39088005792338
-
283. Title: Catalogue of the Conchifera or bivalve shells in the collection of the British Museum... Author:British Museum Year:1853
Call no.:QL430.6 .B86 1853 Volume/issue:pt 11 Barcode:39088005585922
-
284. Title: Pectens / Author:Dakin, William J._q(William John),_d1883-1950 Year: 1909
Call no.:QL430.7 .P3D4Z Barcode:39088004041729

Find: 39088004041729 Previous Next Highlight all Match case



http://localhost.archive.org/biblio.php?f=c&b_c1=biodiversity&b_n=WashingtonDC&b_l=Smithsonian Institution Libraries&b_p=Smithsonian&z_e=Smithsonian Institution&b_v=&b_cn=no&z_c=loca

Search—Select—**Metaform**—Submit—Image—QA

Getting MARC record ... creating Dublin Core ... parsing metadata ... done. Creating book id: "pectens_00daki" ... checking Archive for item "pectens_00daki" ... okay.

Metaform | identifier okay:

<METADATA>	Values
IDENTIFIER	<input type="text" value="pectens_00daki"/>
TITLE	<input type="text" value="Pectens"/>
VOLUME	<input type="text"/>
CREATOR	
	0: Dakin, William J. (William John), 1883-1950
	1: Liverpool Marine Biology Committee
SUBJECT	<input type="text" value="Scallops"/>
DESCRIPTION	
	0: At head of title: Liverpool Marine Biology Committee
	1: Bibliography. p. 129-130
	2: extracted picklist
PUBLISHER	<input type="text" value="London : Williams & Norgate"/>
DATE	<input type="text" value="1909"/>
LANGUAGE	<input type="text" value="eng"/>
POSSIBLE-COPYRIGHT-STATUS	<input type="text" value="NOT_IN_COPYRIGHT"/>
TITLE_ID	<input type="text" value="240445"/>
SPONSOR	<input type="text" value="Smithsonian"/>
CONTRIBUTOR	<input type="text" value="Smithsonian Institution Libraries"/>
SCANNINGCENTER	<input type="text" value="WashingtonDC"/>
MEDIATYPE	<input type="text" value="texts"/>
COLLECTION	
	0: biodiversity
CALL_NUMBER	<input type="text" value="39088004041729"/>
COLLECTION-LIBRARY	<input type="text"/>
IDENTIFIER-BIB	<input type="text" value="39088004041729"/>
IDENTIFIER-ACCESS	<input type="text" value="http://www.archive.org/details/pectens_00daki"/>

1. selected values derived from Dublin Core, inspect [dcXml](#)

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Done



Bibliographic Data | new [Search](#)

Preparing bibliographic data for: "*pectens_00daki*"

- getting MARC binary ... [pectens_00daki_meta.mrc](#)
- getting MARC XML ... [pectens_00daki_marc.xml](#)
- creating Dublin Core XML ... [pectens_00daki_dc.xml](#)
- creating Meta Source XML ... [pectens_00daki_metasource.xml](#)
- scooping up MetaForm data ... done.
- creating item's Meta XML ... [pectens_00daki_meta.xml](#)
- creating new item (*pectens_00daki*) ...

pectens_00daki queued for details edit operation.
Once task is started, it will [log here](#).

- item details: http://www.archive.org/details/pectens_00daki

Proceed to image book:

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Search—Select—Metaform—Submit—**Image**—QA

Scribe2 v1.2.1

identifier:

Canon EOS 5D

	ready	<input type="button" value="shoot"/> <input type="button" value="reshoot"/>	<input type="button" value="repeat"/> <input type="text" value="4"/> sec
	spread:		
	request:		
	response:		

Admin **Spread** **Camera** **Statistics**

scancenter: washingtondc
scribe server: scribe1.washingtondc.archive.org
scandir: /0/items
other: [checkjp2](#)

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reset: (removes all scribe server data for this book)


Scribe2 v1.2.1

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Scribe2 v1.2.1

identifier:

Canon EOS 5D

	OK	<input type="button" value="shoot"/> <input type="button" value="reshoot"/>	<input type="button" value="repeat"/> <input type="text" value="4"/> sec
	spread:	16: [0032 0033]	
	request:	<3.777 seconds>	
	response:	0032.JPG OK + 0033.JPG OK + JP2 (spread/16) OK.	

Admin **Spread** **Camera** **Statistics**

scancenter: washingtondc
scribe server: localhost.archive.org:
scandir: /0/items/pectens_00daki
other: [checkjp2](#)

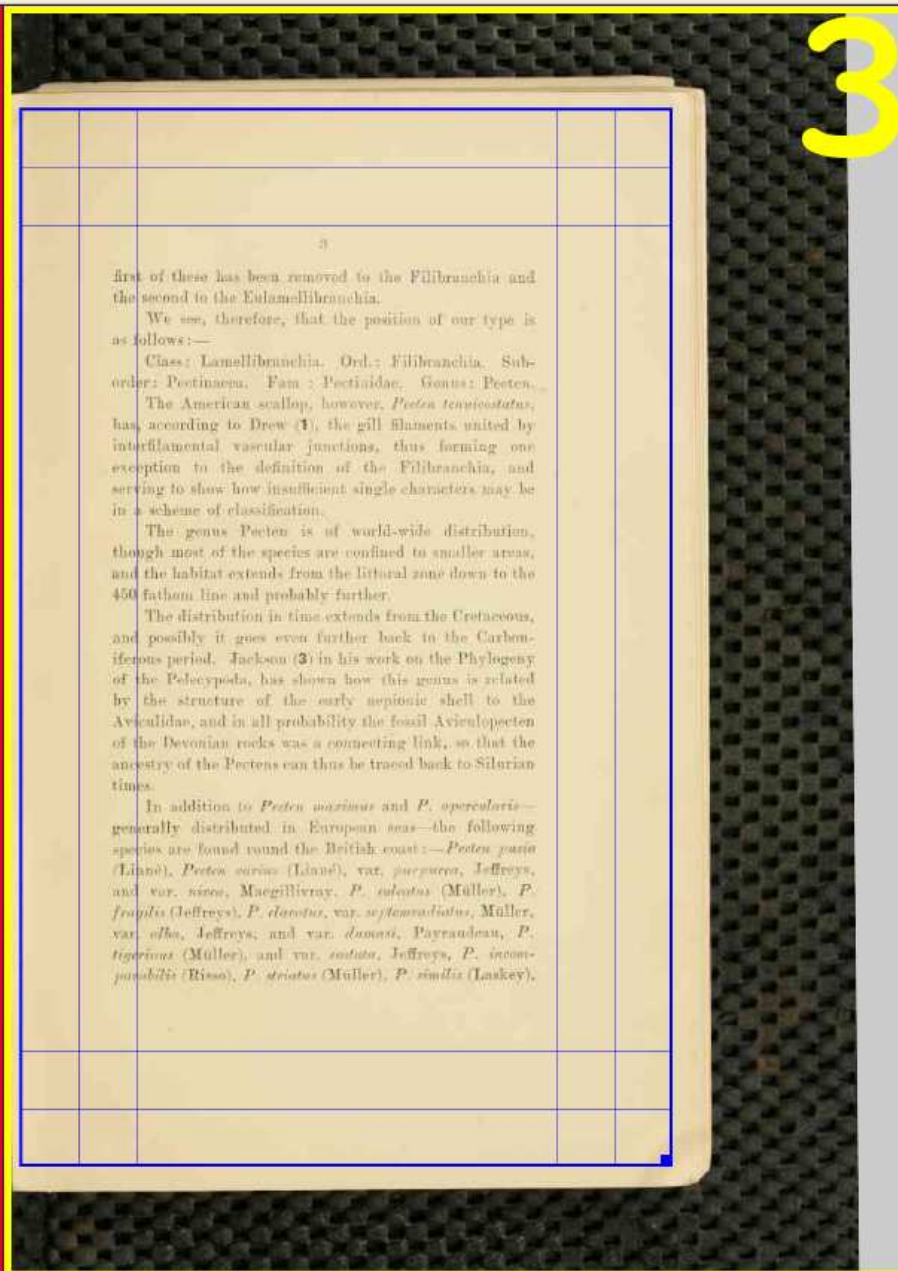
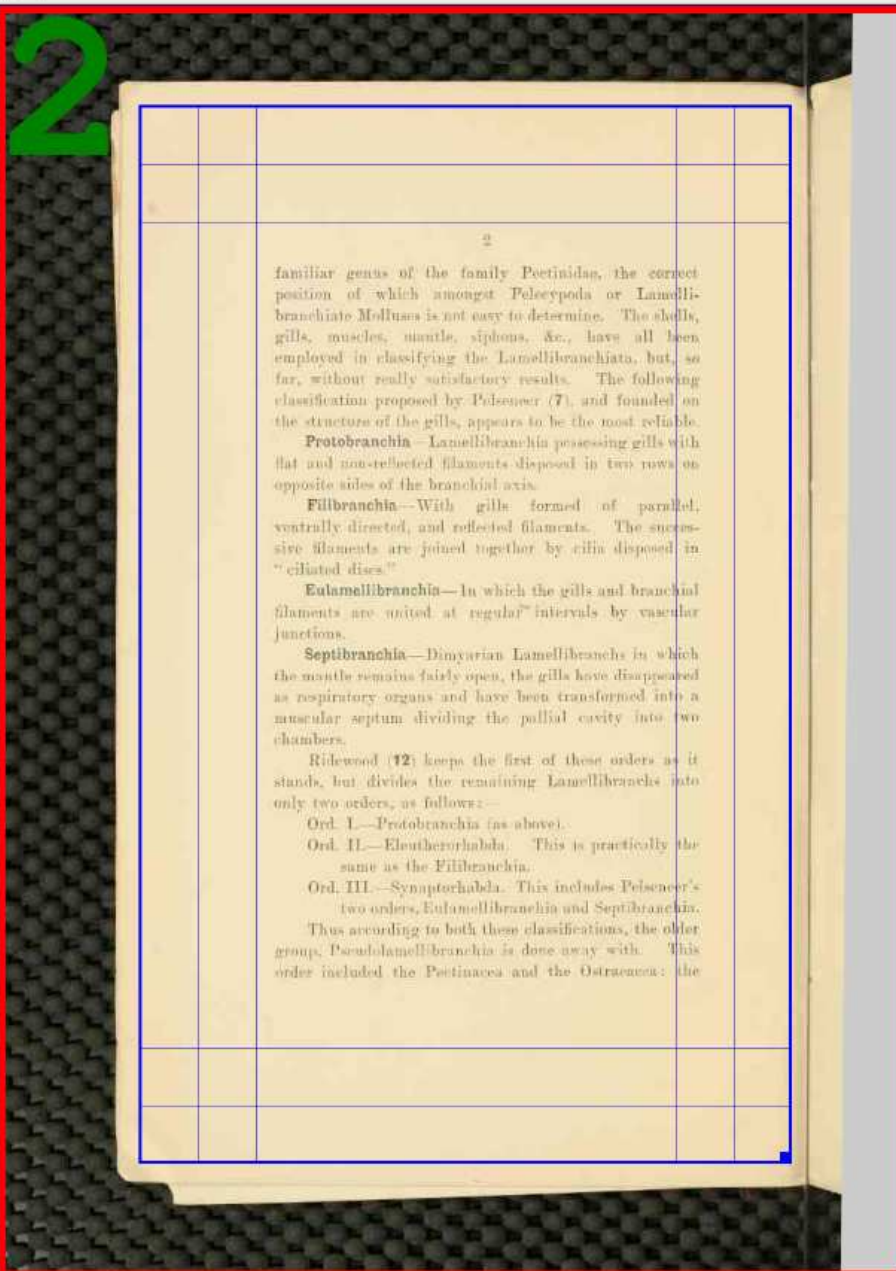
open books:

book DPI: (bookData/dpi in scandata)

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\$Revision: 1.33 \$

leaf: 12 / 174

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	Insecta: publication mensuelle de la Station entomologique de la Faculté des sciences de Rennes (Volume v. 5-6 1915-16) - Faculté des sciences de Rennes. Station entomologique "Revue illustrée d'entomologie." Keywords: Insects Downloads: 4	
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By:

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Publication info:

Rennes :Impr. Oberthur,1911-1923.

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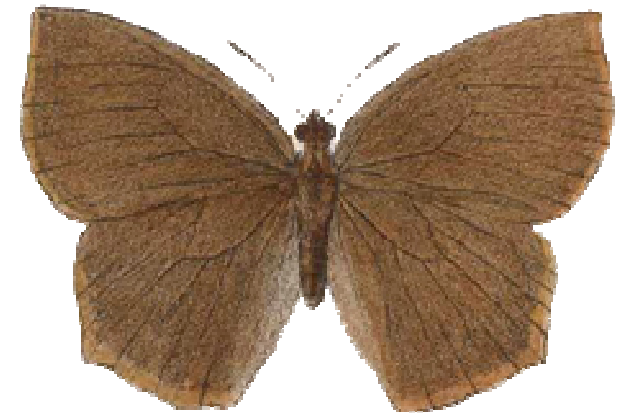
The cataloging and adding of holdings information to the Libraries' biodiversity literature is the first step toward making the content of this significant and rare collection of material available to researchers and scholars globally on the World Wide Web.

This project is also important for inventory control, accurate tracking of materials, and linking volume specific information to the physical volumes.

Having barcoded, item-level records of SIL's serials holdings expedites the scanning and digitization process SIL is undertaking as part of the Biodiversity Heritage Library (BHL) project.

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It is my pleasure to inform you that Smithsonian Institution Libraries (SIL) has been awarded funding in the amount of \$50,000 from the CIS IRM Pool for the project “Catalog and make accessible in SIRIS SIL serial holdings for the Biodiversity Heritage Library (BHL).”



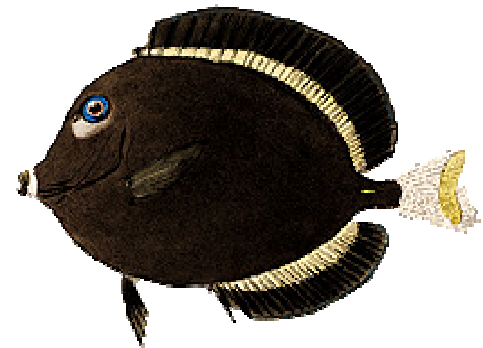
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- Collections support
- Database/Systems
- Conservator
- Technicians for pulling
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- Transportation



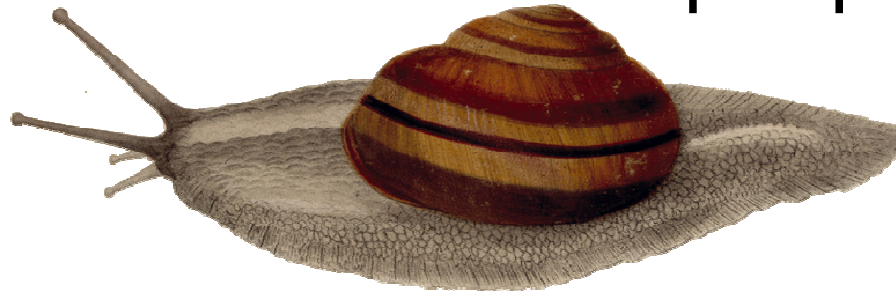
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Pages

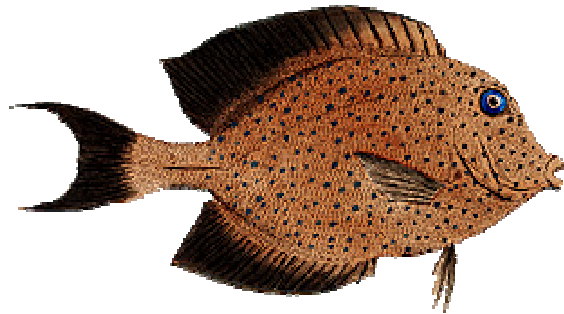
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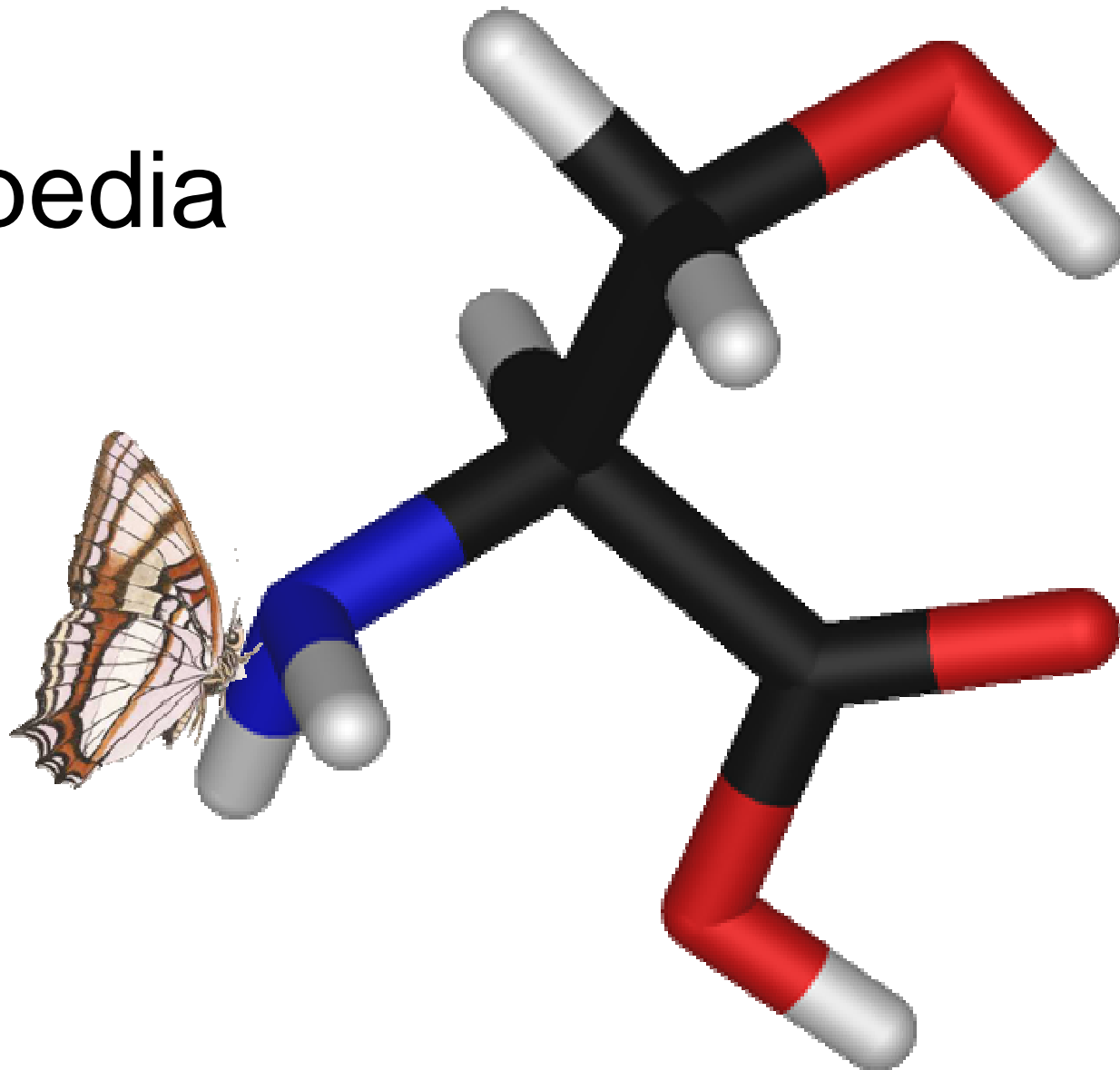


SI Libraries Contributions:

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- Collection support
- Systems
- Metadata review
- Conservation review

External Grant Funded: Funders requests for directly to Internet Archive for scanning

The Encyclopedia of Life



Serine Molecule

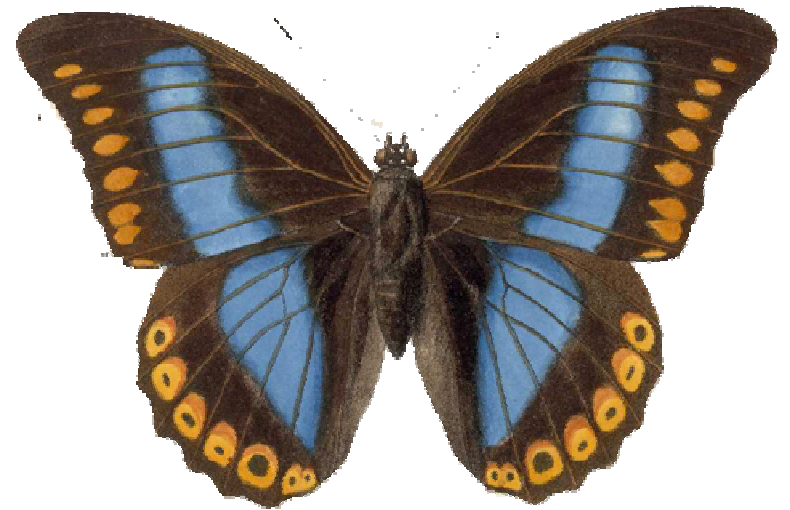
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24 April 2009

The following came from a public librarian in Falmouth, Massachusetts:

"We recently were asked the question: who discovered the zebra fish? In searching the Encyclopedia of Life I kept seeing the phrase "Hamilton, 1822" next to the "danio rerio". Wondering who Hamilton was, I searched WorldCat and discovered that Hamilton was Francis Hamilton who had published in 1822 *An account of the fishes found in the river Ganges and its branches*. I looked at the EOL record and clicked on the Biodiversity Heritage Library link. One of the links was to a Hamilton book! In 1878 the book *The Fishes of India* was published which included a description and a image of the danio rerio. Links were provided to the exact place in the text where the fish was mentioned, as well as to the plate with the fish itself illustrated. Not only that, but I could send the patron the exact link to both pages which described her fish. How remarkable it was to find this Harvard University book available so easily through the Biodiversity Heritage Library. A great success for our patron, and we looked like magicians bringing the book to her."

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Professor Emeritus at the University of Southern Mississippi.
He used to make an annual trip to our stacks to xerox hundreds of articles at a time.

The Biodiversity Heritage Library is a valuable resource for acquiring crustacean literature. At present, a search there (<http://www.biodiversitylibrary.org/Search.aspx?searchTerm=pycnogonid&searchCat=>) will turn up 5 publications (one of which was not contributed by the Smithsonian). Also note that the BHL has scanned these and additional literature at the site for taxonomic terms, and provides links to those documents. There are 1592 "hits" for Pycnogonida. It is likely that you could turn up a lot of additional articles within larger works that way. Alternatively, you could perform searches for volumes of interest (if you know of specific references), to home in on the papers you want. There will be A LOT of additional material becoming available at that site.

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Yesterday whilst reading the latest edition of *The Entomologist's Record* I was pleased to find that early editions of this invaluable publication, edited by the seminal entomologist James Tutt (no relation to Elvis's drummer as far as I am aware) are available digitised [...]

So I went there, and was amazed at what I found.

They even have a blog. What a fantastic project!!!

From the blog:

<http://forteanzoology.blogspot.com/2009/03/fantastic-resource.html>

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[...]Michael, an colleague researching wasps was excited that he had discovered in the Biodiversity Heritage Library a copy of an obscure 1860s book:

Saussure, H. de & Sichel, J. (1864). *Catalogue des espèces de l'ancien genre Scolia, contenant les diagnoses, les descriptions et la synonymie des espèces, avec des remarques explicatives et critiques*. Genève & Paris : Henri Georg & V. Masson et Fils pp. 1–350

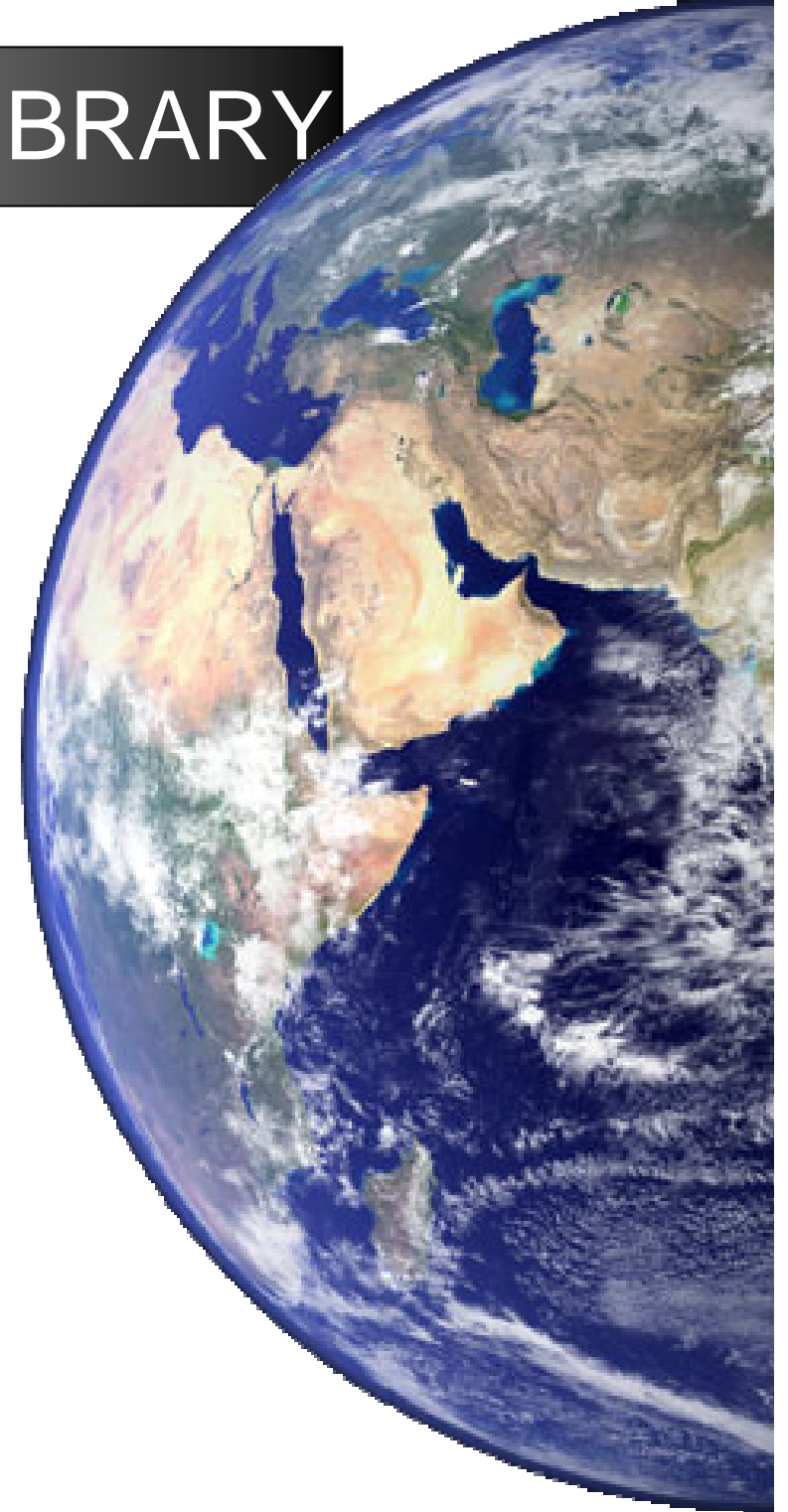
This book was not in our library, probably not in Australia, and almost impossible to get hold of without travelling to the northern hemisphere. Thanks to the BHL for their work in providing access to works of importance. Michael is now able to use detailed content of this book in his work.

John Tann
Australian Museum

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- _Creating a Digital Library
<http://www.youtube.com/watch?v=WztO6fSsxCA>



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