

Taking Measure of the Biodiversity Heritage Library 2003 - 2010

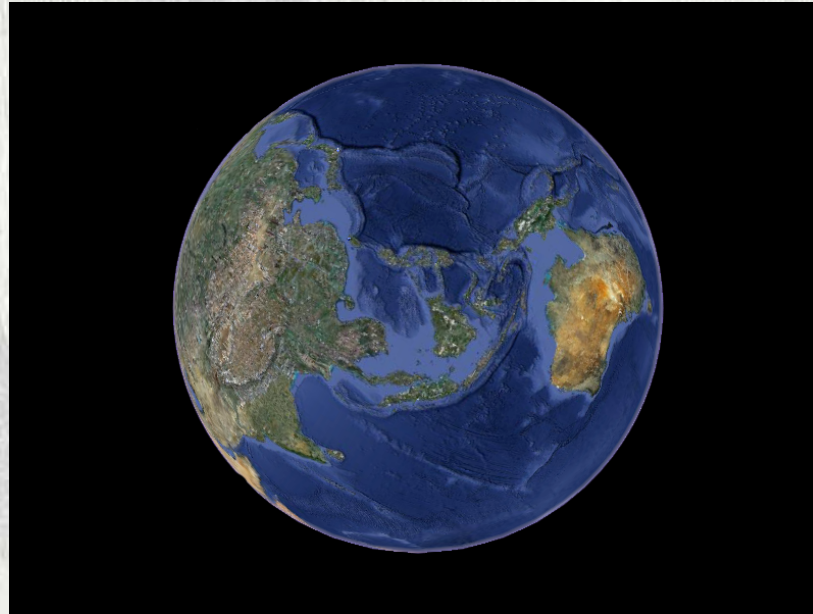
ICHTHYOLOGI Practici Bellonius, Rondeletius, Salvianus,
Gesnerus, Aldrovandus, Willughbæus, Rajus.
Nos Gesnerii Hasselii
exposuit; Catebaeus pulchre quosdam depinxit ame-
ricanos.

Extensive. Open. Global

Martin R. Kalfatovic

BHL Global Tech Meeting | Woods Hole | 22 Sep 2010

The Biodiversity Heritage Library



[View Video](#)

Extensive. Open. Global

[Extensive. Open. Global.](#)

Biodiversity Heritage Library

Technology

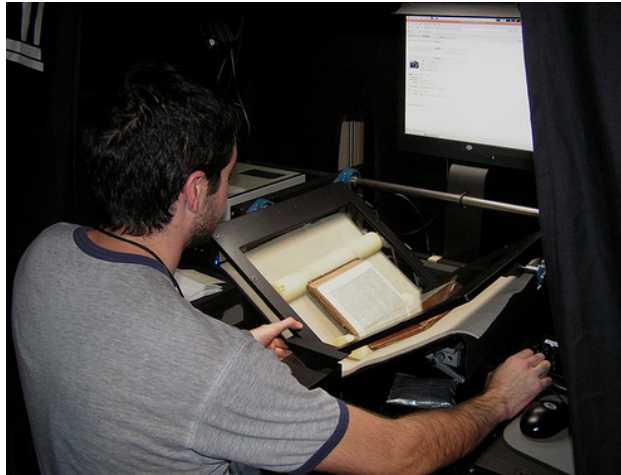
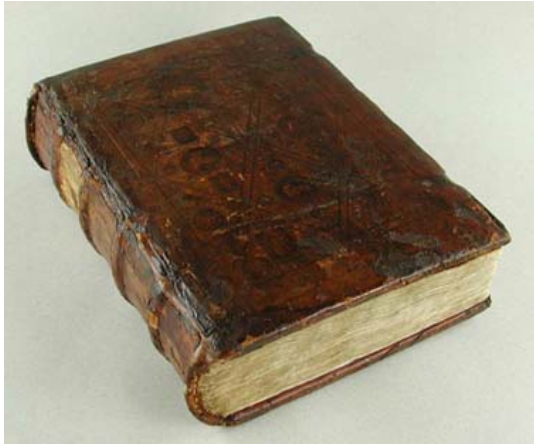
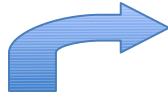


Library



Science





<technology />

Biodiversity Heritage Library

Feedback | About | Tools | Tutorials | BHL Members | Copyright | Contact

Search All Categories

Advanced Search

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

Album of Abyssinian birds and mammals / Download/About this book

Pages: Page 10, Page 11, Page 12, Page 13, Page 14, Page 15, Page 16, Page 17, Page 18, Page 19, Page 20, Page 21, Page 22, Page 23, Page 24, Page 25, Page 26, Page 27, [Link to this page](#), [View Text](#)

Names on this page: [Corythornis cristata](#) -powered by [uBio](#)

Zoom: Auto

PIGMY KINGFISHER

ICHTHYOLOGI Prædici Bellonius, Rondeletius, Salvianus, Gesnerus, Aldrovandus, Willughbæus, Rajus.

expoluit; Catebaeus pulcherrimus depinxit Americanos.

Book contributed by University of Illinois Urbana Champaign

- [albumofabyssinia00fuer.djvu](#) 08-Feb-2008 19:27
- [albumofabyssinia00fuer.gif](#) 08-Feb-2008 18:01
- [albumofabyssinia00fuer.pdf](#) 08-Feb-2008 19:40
- [albumofabyssinia00fuer_abyyy.gz](#) 08-Feb-2008 19:21
- [albumofabyssinia00fuer_bw.pdf](#) 08-Feb-2008 20:12
- [albumofabyssinia00fuer_dc.xml](#) 09-Nov-2007 03:23
- [albumofabyssinia00fuer_djvu.txt](#) 08-Feb-2008 20:13
- [albumofabyssinia00fuer_divu.xml](#) 08-Feb-2008 19:21
- [albumofabyssinia00fuer_files.xml](#) 25-Nov-2009 16:20
- [albumofabyssinia00fuer_flippy.zip](#) 08-Feb-2008 18:02
- [albumofabyssinia00fuer_ip2.zip](#) 08-Feb-2008 18:01
- [albumofabyssinia00fuer_marc.xml](#) 09-Nov-2007 03:23
- [albumofabyssinia00fuer_meta.mrc](#) 09-Nov-2007 03:23
- [albumofabyssinia00fuer_meta.xml](#) 25-Nov-2009 16:20
- [albumofabyssinia00fuer_metasource.xml](#) 09-Nov-2007 03:23
- [albumofabyssinia00fuer_names.xml](#) 25-Nov-2009 15:32
- [albumofabyssinia00fuer_names.xml_meta.txt](#) 25-Nov-2009 15:32
- [albumofabyssinia00fuer_raw_ip2.zip](#) 08-Feb-2008 18:00
- [scandata.zip](#) 08-Feb-2008 17:15

Technology Project



ICHTHYOLOGI Præctici Bellonius, Rondeletius, Salvianus,
Gesnerus, Aldrovandus, Willughbeus, Rajus.

Missouri Botanical Garden

expofuit; *Catebeus* pulchre quosdam depinxit ame-
ricanos.



ICHTHYOLOGI Practici Bellonius, Rondeletius, Salvianus,
Gesnerus, Aldrovandus, Willughbous, Rayus.
Emilio Goeldi Museum
exposuit; Catebens pulchre quosdam depinxit ame-
ricanos.



ICHTHYOLOGI Practici Bellonius, Rondeletius, Salvianus, Gesnerus, Aldrovandus, Willughbans, Rajus, Theoretici Artedi! Nos, Gronovius, Hasselqvist, radios Expulsi, Caspiani pueri quosdam deprimi Americanos.

<MBL/WHO & MfN Vienna>



ICHTHYOLOGI Practici Bellonius, Rondeletius, Salvianus, Gesnerus, Aldrovandus, Willughbans, Rayus.
The ...
expofuit; *Catebaus* pulchre quosdam depinxit ame-
ricanos.

Melbourne Museum

ICHTHYOLOGI Practici Bellonius, Rondeletius, Salvianus,
Gesnerus, Aldrovandus, Willughbeus, Rajus.

Academy of Natural Sciences

expofuit; *Catebeus* pulchre quosdam depinxit ame-
ricanos.



ICHTHYOLOGI Practici Bellonius, Rondeletius, Salvianus,
Gesnerus, Aldrovandus, Willughbæus, Rajus.
Theoricæ Aristotelis, Nos, Gronovius, Hællwigius, etc.
partim observant, partim in præsentibus
exploit; Catebaeus pulchre quosdam d'inxit ame-
ricanos.

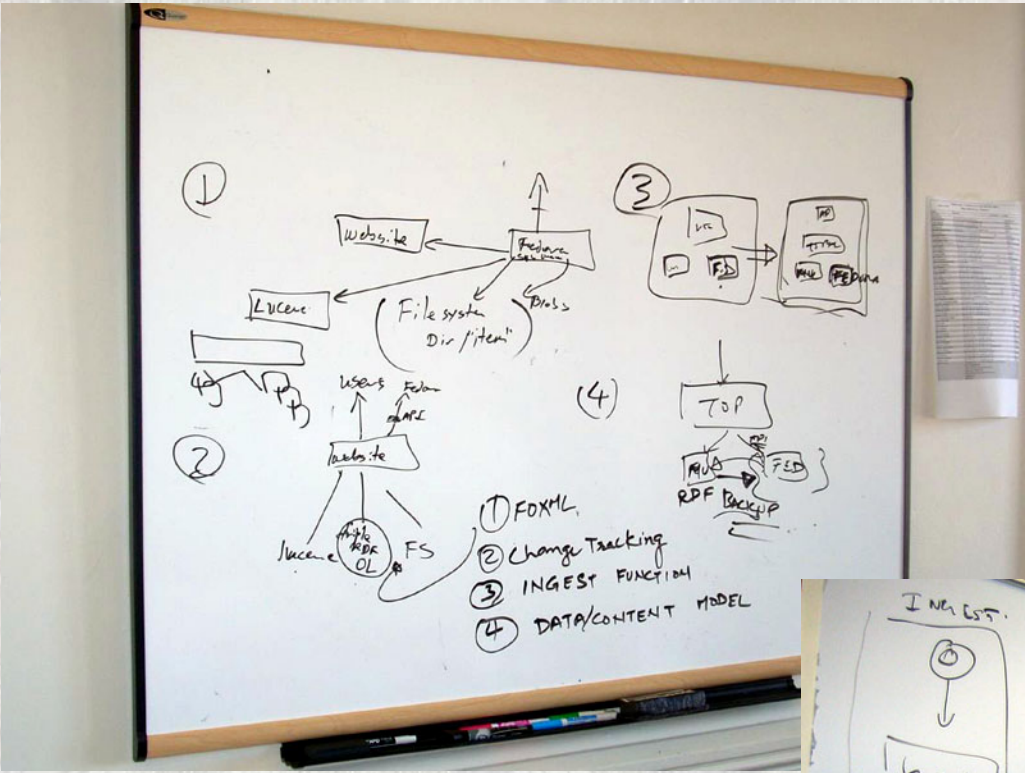
Science Project





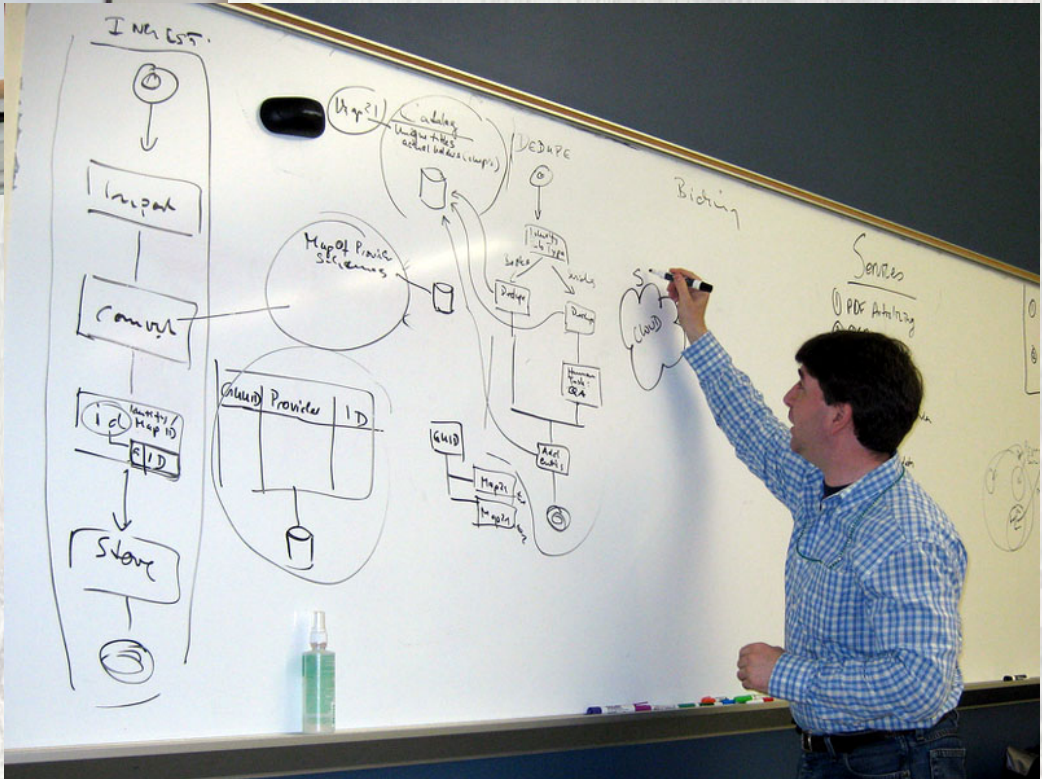
ICHTHYOLOGI Practici Bellonius, Rondeletius, Salvianus,
Gesnerus, Aldrovandus, Willugbaus, Rayus,
Theophrasti, Antodius, Nas, Gronovius, Hoffmannus, roribus
pud rrvy...
expoluit; Cateibaus pulchre quosdam deponxit ame-
ricanos.

Science Project



ICHTHYOLOGI Practici Bellonius, Rondeletius, Salvianus, Geoporus, Aldrovandus, Willinghaus, Rayus.
 Theodor Barthelemy, 1793, *Icones Ichthyologicae et Zoologicae*, radios pinxit, et aedificavit. *Icones Ichthyologicae et Zoologicae* artis exprobit; *Catechans* pulchre quosdam depinxit americanos.

Whiteboards



ICHTHYOLOGI Praetici Bellonius, Rondeletius, Salvianus, Geoponius, Aldrovandus, Willingbans, Rayus. Theophrastus, Nicomachus, Pliny, Dioscorides, Galenus, Celsus, Catechismus, Catechismus pulchre quosdam depinxit americanos.

Whiteboards

No guesses have just water up

BHL

- Ingest
- Handles
- OAI
- Reference Export
- Title Export
- User Accounts
- Favorites
- Editing info
- Text index
- EOL collaboration support
- Management App

Funding Possibilities

- OCR
- Automated Markup
- Federated Metadata
- Blackboard

mbygsew 05

- images
- Domains
- Prod web
- Bit, BHL Download
- OCR storage & indexing

mbygsew 14

- images

mbygsew 06

- Prod eflows

mbygowa 01

- List and ToA
- images.volunt.org
- OWA Exchange

mbygsew 11

- Tropicos QA
- DiGIR 06
- Ostrom 2000, BHL, Tropicos
- Spectrum Scanning

mbygsew 17

- Production Services
- Bug Alerts
- Bob's Back
- Publishing Information
- BHL 1000

mbygsew 08

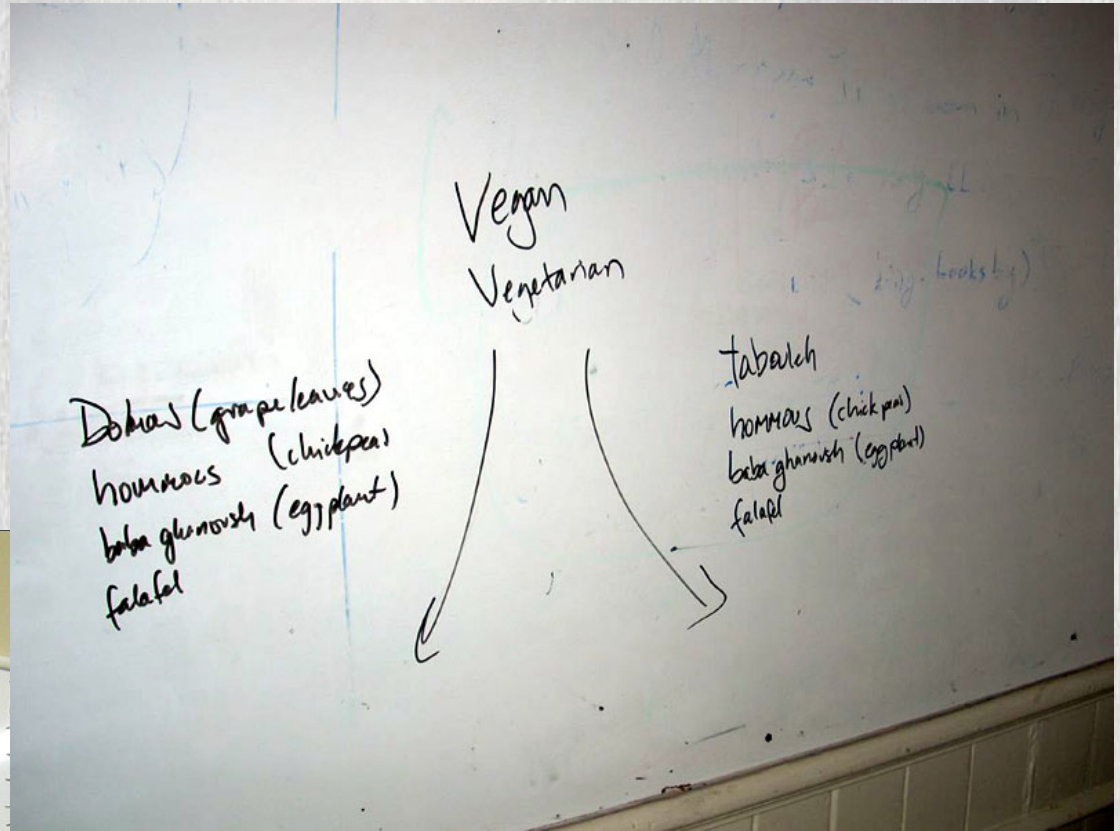
- APP
- DiGIR
- Handles
- SciDAC Prod
- SciDAC Prod

mbygdlawson 01

- Tropicos dar
- Bot. dar, BHL
- Production Services
- Updates, no security
- Trop web QA
- Gemini
- Ostrom Dar

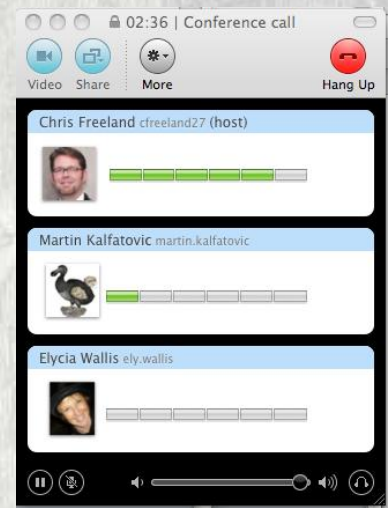
ETI

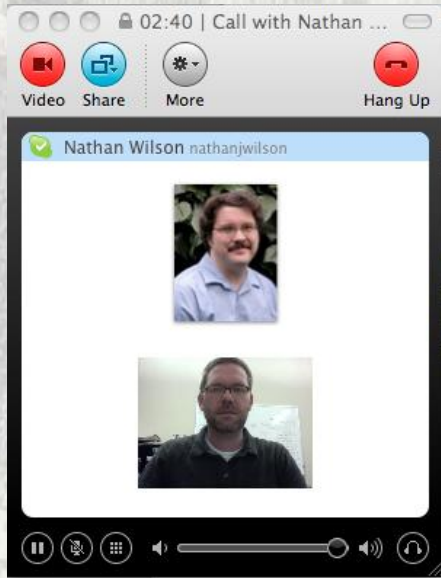
- ISSN: 022
- ISSN: 020
- oclc: 035
- 40
- reproducible

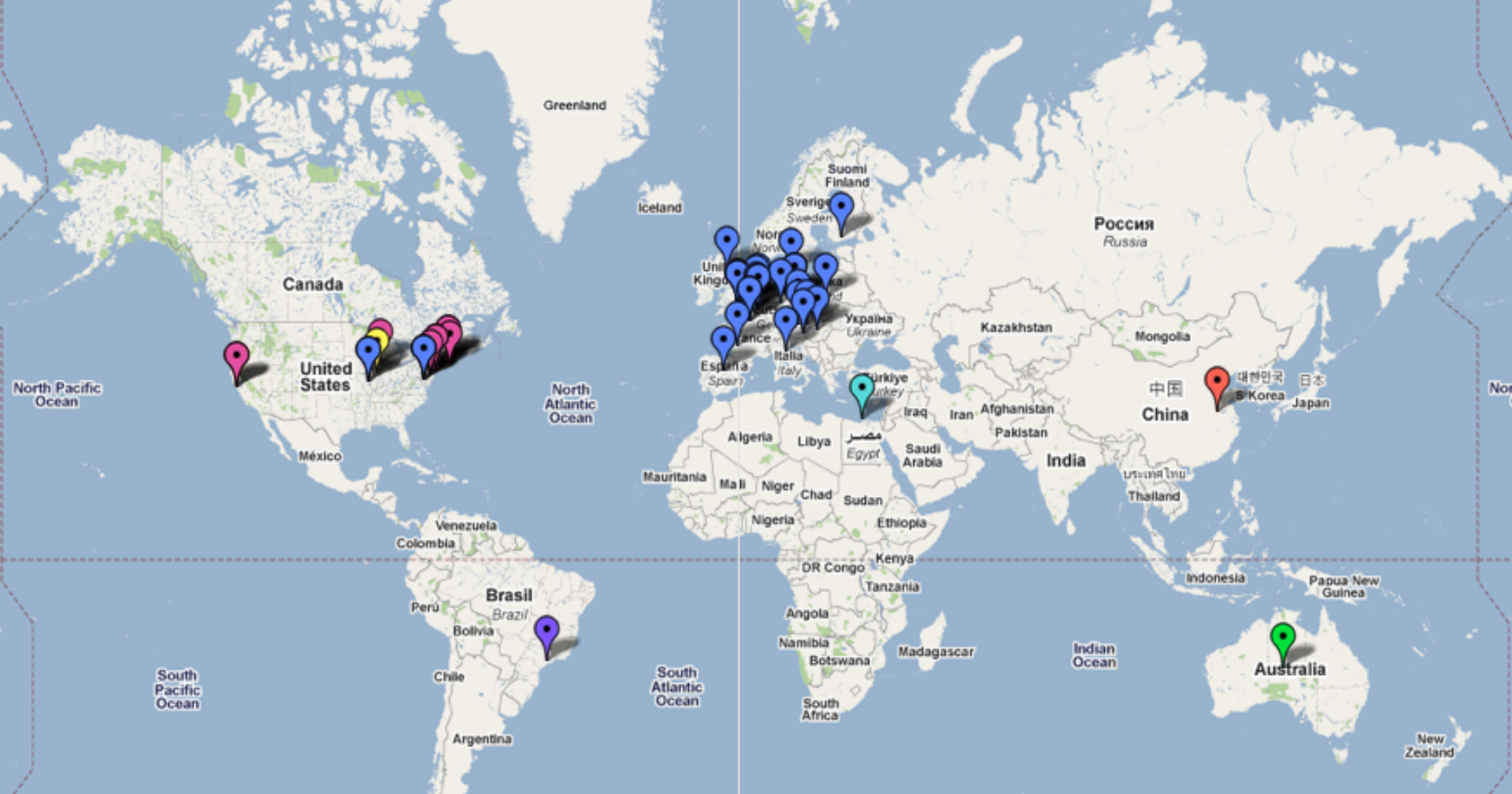










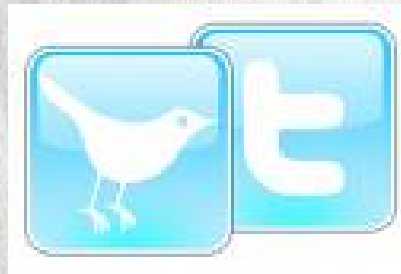


ICHTHYOLOGI Practici Bellonius, Rondeletius, Salvianus,
Global data sharing requires
a social infrastructure

Global data sharing requires a social infrastructure



YouTube



facebook



LinkedIn



slideshare
Present Yourself



flickr



ICHTHYOLOGI Practici Bellonius, Rondeletius, Salvianus,
Theoretici Artedi! Nos, Gronovii, Muffelqvist, radios
pinnarum observarunt: At Valentinus defectum artis
americanos.

**Global data sharing requires
a social infrastructure**



ICHTHYOLOGII Practici Bellonius, Rondeletius, Salvianus,
Theophrastus, Aldrovandus, Willughbius, Ray, ...
pinnarum observarunt; At Valentinus defectam artis
...
ficulos.

Global data sharing requires a social infrastructure

Global data sharing requires a social infrastructure





ICHTHYOLOGI Practici Bellonius, Rondeletius, Salvianus,
Theoretici Arrius. Nos, Gronovii, Offelquist, radios
pinnarum observarunt; At Valentinus defectum artis
ricanos.

**Global data sharing requires
a social infrastructure**

- 
- > Digitization of biodiversity literature
 - > Creation of a global partnership
 - > Engagement of the research community

ICHTHYOLOGI Practici Bellonius, Rondeletius, Salvianus,
Gesnerus, Aldrovandus, Willugbaeus, Rajus.
Theophrastus, Plinius, Nardus, Gessnerus, Herodotus,
Catesbaeus pulchre quosdam depinxit ame-
ricanos.

Achievements

ACÉPÉDE.

2

M. LE CHEV.
CUVIER

M. LE CHEV.
CUVIER

M. LE CHEV.
CUVIER

ICHTHYOLOGI Practici Bellonius, Rondeletius, Salvianus,
Gesnerus, Aldrovandus, Willugbaeus, Rajus.

31+ million pages

hectetici Antali Nos Comiti, H. B. L. G. di
pinlarum esse v. r. n.; t. V. l. t. i. n. i. e. g. e. n. t. i. u. m.
exposuit; Catesbaeus pulchre quosdam depinxit ame-
ricanos.

ICHTHYOLOGI Practici Bellonius, Rondeletius, Salvianus,
Gesnerus, Aldrovandus, Willugbaus, Rajus.

~1.5 m users



Visits

1  419,323

ICHTHYOLOGI Practici Bellonius, Rondeletius, Salvianus,
Gesnerus, Aldrovandus, Willugbaus, Rajus.

231 countries

1,456,097 visits came from

Detail Level: [City](#) | [Country/Territory](#) | [Sub Continent](#)



ICHTHYOLOGI Practici Bellonius, Rondeletius, Salvianus,
Gesnerus, Aldrovandus, Willughbæus, Rajus,
Nos, Gronovius, Hasselquist
exposuit; Catebæus pulchre quosdam depinxit ame-
ricanos.

What Users Say

Dear Sir / Madam Can i just congratulate you on an absolutely brilliant online resource. I am compiling a report on an invasive hydromedusae and could not believe the ease and efficiency of this web page which genuinely saved me weeks of my life

Just a quick line to thank you and your organisation for the foresight and generosity in allowing these works to be dowloaded.

Dear Biodiversity Heritage Library: I am in awe of your work. Thank you so much. As an illustrator who scans a lot of my work, I know how very onerous the task is. Many thanks!



ICHTHYOLOGI Practici Bellonius, Rondeletius, Salvianus,
Gesnerus, Aldrovandus, Willughbeus, Ray,
Theophrasti, Aristi, Plinii, Grewii, Hillii, Linnæi,
pinnarum observarunt: At Valentinus defectum artis
exposuit; Christianus Valentinus inquit ame-
ricanos.

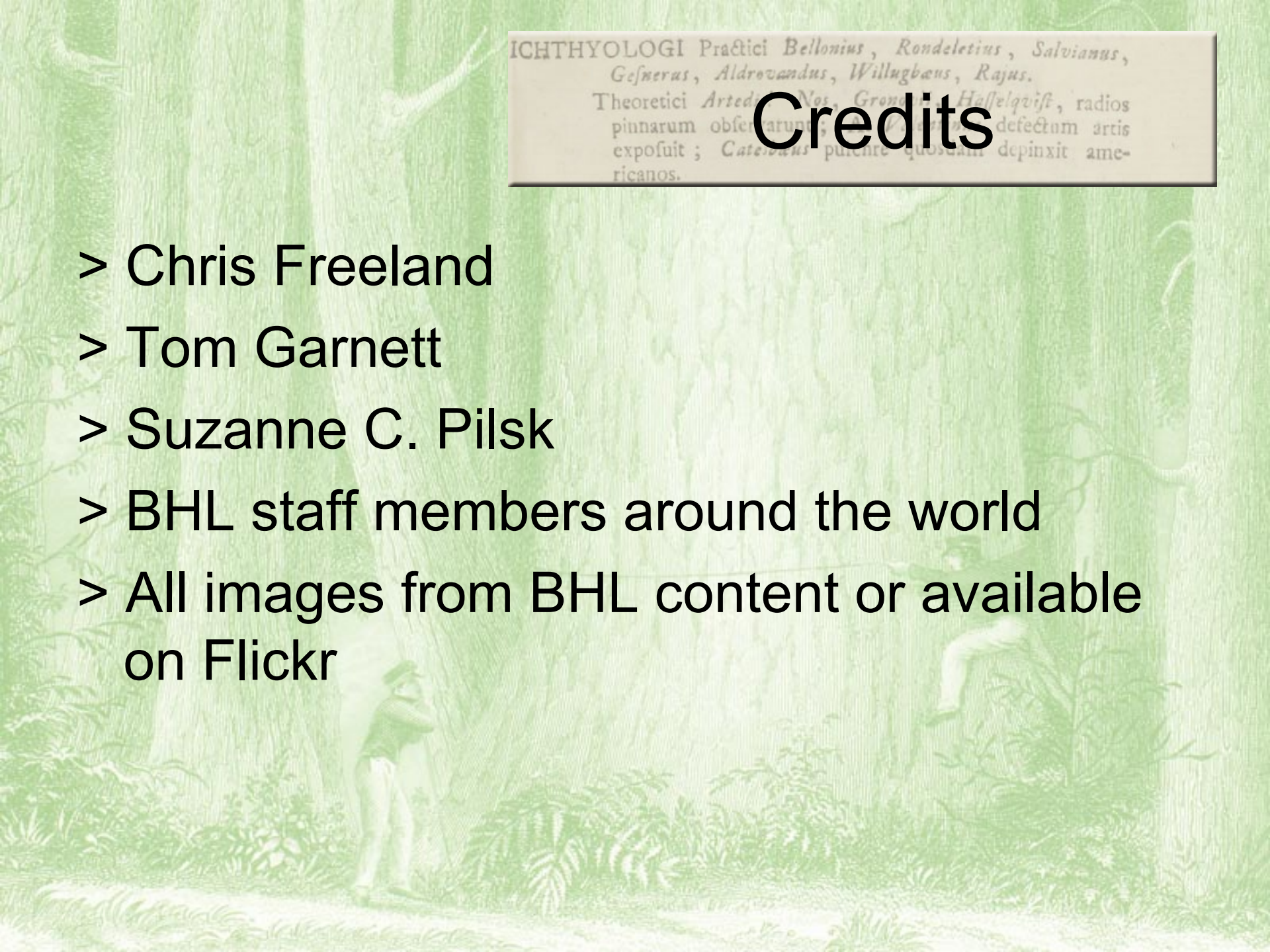
Si, Si, je suis un rock star!
John & Marcus



ICHTHYOLOGI Præctici Bellonius, Rondeletius, Salviannus,
Cesius, Aldrovandus, Willughbaus, Rajus.

Thank you

ricanos.

The background is a detailed illustration of a tropical forest. In the foreground, two people are visible: one on the left, wearing a hat and dark clothing, and another on the right, wearing a light-colored shirt and dark pants, appearing to be in motion. The forest is filled with various plants, including ferns and large trees. At the top right, there is a rectangular box containing text in Latin and English, with the word 'Credits' overlaid in large, bold letters.

ICHTHYOLOGI Practici Bellonius, Rondeletius, Salvianus,
Gesnerus, Aldrovandus, Willughbans, Rajus.
Theoretici Arted. Nos, Gronovius, Hasselqvist, radios
pinnarum observarunt; *Willughbans* defectum artis
exposuit; *Catechus* pulchre quosdam depinxit ame-
ricanos.

Credits

- > Chris Freeland
- > Tom Garnett
- > Suzanne C. Pilsk
- > BHL staff members around the world
- > All images from BHL content or available on Flickr