

# **TDWG2017 DRAFT PROGRAM**

Ottawa, Ontario, CANADA

PREPARED SEPTEMBER 8, 2017

INCLUDES DAILY SCHEDULE ONLY, FORMATTING SUBJECT TO CHANGE

Assembly of the final program will start Friday, September 8, 2017.

# Saturday, 30 September 2017

**09:00 AM - 04:30 PM**      Data Carpentry Workshop, *Canadian Museum of Nature, 240 McLeod St, Ottawa*

# Sunday, 01 October 2017

**09:00 AM - 04:30 PM**      Data Carpentry Workshop, *Canadian Museum of Nature, 240 McLeod St, Ottawa*

**09:00 AM - 05:00 PM**      TDWG Executive, *Bytowne*

**09:00 AM - 05:00 PM**      Interest Group/Task Group, *Capitale*  
IG01: Data Quality  
Organizers: *Arthur D. Chapman, Antonio M. Saraiva*

**05:30 PM - 08:00 PM**      Registration, *Panorama*

**06:00 PM - 09:00 PM**      Welcome Reception, *Panorama*

# Monday, 02 October 2017

08:00 AM - 09:00 AM	Registration, <i>Ballroom A</i>
08:30 AM - 09:00 AM	Load Talks & Hang Posters, <i>see instructions for presenters</i>
09:00 AM - 09:40 AM	Welcoming remarks, <i>Ballroom A</i>
09:40 AM - 10:30 AM	Keynote: Roderic D.M. Page - Towards a Biodiversity Knowledge Graph, <i>Ballroom A</i>
10:30 AM - 11:00 AM	Break, <i>Ballroom B/C</i>

## Contributed: What do People, DiSSCo, Brazil, Symbiota, BISON and Google have in common?

Moderator: *Gail Kampmeier*

**11:00 AM - 12:30 PM**

*Ballroom A*

11:00 AM - 11:15 AM	Associating Occurrences with Genes, Phenotypes, and Environments through the Distributed System of Scientific Collections (DiSSCo) <a href="https://doi.org/10.3897/tdwgproceedings.1.17010">https://doi.org/10.3897/tdwgproceedings.1.17010</a> Presenter: <i>Dimitrios Koureas</i>
11:15 AM - 11:30 AM	Proposed Extension to Darwin Core for People and their Roles in the Curation of Physical and Digital Objects <a href="https://doi.org/10.3897/tdwgproceedings.1.19829">https://doi.org/10.3897/tdwgproceedings.1.19829</a> Presenter: <i>David Shorthouse</i>
11:30 AM - 11:45 AM	SiBBR: Envisioning the spatial distribution of Brazilian biodiversity records <a href="https://doi.org/10.3897/tdwgproceedings.1.19966">https://doi.org/10.3897/tdwgproceedings.1.19966</a> Presenters: <i>Luiza Correa, Rafael Sacramento</i>
11:45 AM - 12:00 PM	Symbiota2 <a href="https://doi.org/10.3897/tdwgproceedings.1.19933">https://doi.org/10.3897/tdwgproceedings.1.19933</a> Presenter: <i>Mary E. Barkworth</i>
12:00 PM - 12:15 PM	Taxonomy and Distribution in Big Data Use Cases from BISON and ITIS <a href="https://doi.org/10.3897/tdwgproceedings.1.19890">https://doi.org/10.3897/tdwgproceedings.1.19890</a> Presenter: <i>Gerald Guala</i>
12:15 PM - 12:30 PM	Google Summer of Code: Why TDWG should participate <a href="https://doi.org/10.3897/tdwgproceedings.1.19918">https://doi.org/10.3897/tdwgproceedings.1.19918</a> Presenter: <i>Vijay Barve</i>

## W01: Establishing a global registration system of algal names and types

Organizer: *Andreas Kohlbecker*

**11:00 AM - 12:30 PM**

*Chaudiere*

11:00 AM - 11:15 AM	Introduction into Phycobank: challenges, concepts and solutions
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## W19: Construction of biodiversity knowledge graphs driven by federated text mining tools

Organizers: *Riza Batista-Navarro, Sophia Ananiadou, Teodor Georgiev, Evangelos Pafilis, Lyubomir Penev, Viktor Senderov, Axel J. Soto, William Ulate*

**11:00 AM - 12:30 PM**

*Richelieu*

- |                            |   |
|----------------------------|---|
| 11:00 AM - 11:15 AM        | EXTRACT 2.0: interactive identification of biological entities mentioned in text to assist database curation and knowledge extraction<br><a href="https://doi.org/10.3897/tdwgproceedings.1.20152">https://doi.org/10.3897/tdwgproceedings.1.20152</a><br>Presenter: <i>Evangelos Pafilis</i> |
| 11:15 AM - 11:30 AM        | Developing a knowledge base on the habitats and reproductive conditions of Dipterocarps through information extraction<br><a href="https://doi.org/10.3897/tdwgproceedings.1.20066">https://doi.org/10.3897/tdwgproceedings.1.20066</a><br>Presenter: <i>Roselyn Gabud</i>                    |
| 11:30 AM - 11:45 AM        | Building Your Own Big Data Analysis Infrastructure for Biodiversity Science<br><a href="https://doi.org/10.3897/tdwgproceedings.1.20161">https://doi.org/10.3897/tdwgproceedings.1.20161</a><br>Presenter: <i>Matthew Collins</i>   |
| 11:45 AM - 12:00 PM        | Argo as a platform for integrating distinct biodiversity analytics tools into workflows for building graph databases<br><a href="https://doi.org/10.3897/tdwgproceedings.1.20067">https://doi.org/10.3897/tdwgproceedings.1.20067</a><br>Presenter: <i>Riza Batista-Navarro</i>               |
| 12:00 PM - 12:15 PM        | OpenBiodiv: an Implementaion of a Semantic System Running on top of the Biodiversity Knowledge Graph<br><a href="https://doi.org/10.3897/tdwgproceedings.1.20084">https://doi.org/10.3897/tdwgproceedings.1.20084</a><br>Presenter: <i>Viktor Senderov</i>                                    |
| 12:15 PM - 12:30 PM        | Panel Discussion  |
| <b>12:30 PM - 02:00 PM</b> | Lunch   |
| <b>01:30 PM - 02:00 PM</b> | Newcomers Meet & Greet, <i>Capitale</i>   |

## W03: Towards robust interoperability in multi-omic approaches to biodiversity monitoring

Organizers: *Robert Hanner, Pier Luigi Buttigieg, Luke Thompson*

**02:00 PM - 03:30 PM**

*Richelieu*

- |                     |   |
|---------------------|---|
| 02:00 PM - 02:15 PM | Environmental samples, eDNA and HTS libraries – data standard proposals from the Global Genome Biodiversity Network (GGBN)<br><a href="https://doi.org/10.3897/tdwgproceedings.1.20483">https://doi.org/10.3897/tdwgproceedings.1.20483</a><br>Presenter: <i>Walter G. Berendsohn</i> |
|---------------------|---|

02:15 PM - 02:30 PM	Metadata Standards for Genomic Sequence Data: Past and Future of MIxS Standards Family <a href="https://doi.org/10.3897/tdwgproceedings.1.20423">https://doi.org/10.3897/tdwgproceedings.1.20423</a> Presenter: <i>Pelin Yilmaz</i>
02:30 PM - 02:45 PM	Using MIxS: An Implementation Report from Two Metagenomic Information Systems <a href="https://doi.org/10.3897/tdwgproceedings.1.20637">https://doi.org/10.3897/tdwgproceedings.1.20637</a> Presenters: <i>Joel Sachs, Luke Thompson</i>
02:45 PM - 03:00 PM	SeqDB: Biological Collection Management with Integrated DNA Sequence Tracking <a href="https://doi.org/10.3897/tdwgproceedings.1.20608">https://doi.org/10.3897/tdwgproceedings.1.20608</a> Presenter: <i>Satpal Bilkhu</i>
03:00 PM - 03:15 PM	Semantically Defining Populations for 'Omics Research <a href="https://doi.org/10.3897/tdwgproceedings.1.20435">https://doi.org/10.3897/tdwgproceedings.1.20435</a> Presenter: <i>Ramona L. Walls</i>
03:15 PM - 03:30 PM	Panel Discussion

## **S04: Advances in data accessibility and data management for marine species occurrence data**

Organizers: *Andrew Sherin, Ward Appeltans, Lenore Bajona, Mary Kennedy*

**02:00 PM - 03:30 PM**

*Chaudiere*

02:00 PM - 02:15 PM	Introduction Presenters: <i>Lenore Bajona, Andrew Sherin, Mary Kennedy, Ward Appeltans</i>
02:15 PM - 02:30 PM	Cookbooks and Curriculum <a href="https://doi.org/10.3897/tdwgproceedings.1.20405">https://doi.org/10.3897/tdwgproceedings.1.20405</a> Presenter: <i>Mary Kennedy</i>
02:30 PM - 02:45 PM	Expanding the Ocean Biogeographic Information System (OBIS) beyond species occurrences <a href="https://doi.org/10.3897/tdwgproceedings.1.20196">https://doi.org/10.3897/tdwgproceedings.1.20196</a> Presenter: <i>Daphnis De Pooter</i>
02:45 PM - 03:00 PM	Improving data availability with “OBIS-ENV-DATA”: Examples from OBIS-USA <a href="https://doi.org/10.3897/tdwgproceedings.1.20207">https://doi.org/10.3897/tdwgproceedings.1.20207</a> Presenter: <i>Abigail Benson</i>
03:00 PM - 03:30 PM	Talking beyond presence: 04 Symposium: Advances in data accessibility and data management for marine species occurrence data: Discussion Panel 1 <a href="https://doi.org/10.3897/tdwgproceedings.1.20407">https://doi.org/10.3897/tdwgproceedings.1.20407</a> Presenter: <i>Mary Kennedy</i>

## **S28: Financial Models for Sustaining Biodiversity Informatics Products**

Organizer: *James H. Beach*

**02:00 PM - 03:30 PM**

## Ballroom A

02:00 PM - 02:15 PM	The Arctos Community Model for Sustaining and Enriching Access to Biodiversity Data <a href="https://doi.org/10.3897/tdwgproceedings.1.20466">https://doi.org/10.3897/tdwgproceedings.1.20466</a> Presenter: <i>John Wieczorek</i>
02:15 PM - 02:30 PM	Interoperability, Attribution, and Value in the Web of Natural History Museum Data Presenter: <i>Andrew Bentley</i>
02:30 PM - 02:45 PM	Sustainability in Biodiversity Software Development: More financing or better practices? <a href="https://doi.org/10.3897/tdwgproceedings.1.20283">https://doi.org/10.3897/tdwgproceedings.1.20283</a> Presenter: <i>Matthew J. Yoder</i>
02:45 PM - 03:00 PM	Maintenance and development of Symbiota2, a platform for data sharing and visualization <a href="https://doi.org/10.3897/tdwgproceedings.1.20220">https://doi.org/10.3897/tdwgproceedings.1.20220</a> Presenter: <i>Mary E. Barkworth</i>
03:00 PM - 03:15 PM	Sustaining Software for Biological Collections Computing <a href="https://doi.org/10.3897/tdwgproceedings.1.20254">https://doi.org/10.3897/tdwgproceedings.1.20254</a> Presenter: <i>James H. Beach</i>
03:15 PM - 03:30 PM	DINA: Open Source and Open Services - A Modern Approach for Sustainable Natural History Collection Management Systems <a href="https://doi.org/10.3897/tdwgproceedings.1.20216">https://doi.org/10.3897/tdwgproceedings.1.20216</a> Presenters: <i>Elspeth Margaret Haston, Falko Glöckler, Jana Hoffmann, Fredrik Ronquist, James A Macklin, Stefan Daume</i>
<b>03:30 PM - 04:00 PM</b>	Break, <i>Ballroom B/C</i>
<b>03:45 PM - 04:00 PM</b>	Computer Demo, <i>Ballroom B/C</i> OpenBiodiv: an Implementation of a Semantic System Running on top of the Biodiversity Knowledge Graph <a href="https://doi.org/10.3897/tdwgproceedings.1.20193">https://doi.org/10.3897/tdwgproceedings.1.20193</a> Presenters: <i>Viktor Senderov, Teodor Asenov Georgiev</i>

## S04: Advances in data accessibility and data management for marine species occurrence data

Organizers: *Andrew Sherin, Ward Appeltans, Lenore Bajona, Mary Kennedy*

### **04:00 PM - 05:30 PM**

#### *Chaudiere*

04:00 PM - 04:15 PM	Spatial Visualization of Publicly Accessible Species Occurrence Data <a href="https://doi.org/10.3897/tdwgproceedings.1.20155">https://doi.org/10.3897/tdwgproceedings.1.20155</a> Presenter: <i>Jeff McKenna</i>
04:15 PM - 04:30 PM	Exploring the Canadian Federated Research Data Repository Service <a href="https://doi.org/10.3897/tdwgproceedings.1.20185">https://doi.org/10.3897/tdwgproceedings.1.20185</a> Presenter: <i>Lee Wilson</i>
04:30 PM - 04:45 PM	Sydney Harbour Atlas <a href="https://doi.org/10.3897/tdwgproceedings.1.20157">https://doi.org/10.3897/tdwgproceedings.1.20157</a> Presenter: <i>Andrew Sherin</i>
04:45 PM - 05:00 PM	The developing Canadian Integrated Ocean Observing System (CIOOS) <a href="https://doi.org/10.3897/tdwgproceedings.1.20432">https://doi.org/10.3897/tdwgproceedings.1.20432</a>

Presenter: *Lenore Bajona*

05:00 PM - 05:30 PM

Future pathways for sharing and integrating data: 04 Symposium: Advances in data accessibility and data management for marine species occurrence data: Discussion Panel 2  
<https://doi.org/10.3897/tdwgproceedings.1.20406>  
Presenter: *Andrew Sherin*

## **W03: Towards robust interoperability in multi-omic approaches to biodiversity monitoring**

Organizers: *Robert Hanner, Pier Luigi Buttigieg, Luke Thompson*

**04:00 PM - 05:30 PM**

*Richelieu*

04:00 PM - 04:15 PM

The Genomic Observatories Metadatabase  
<https://doi.org/10.3897/tdwgproceedings.1.20508>  
Presenter: *John Deck*

04:15 PM - 04:30 PM

Integrating Marine Omics into the Marine Biodiversity Observation Network (MBON) in Support of the UN Sustainable Development Goals (SDG) and Agenda 2030  
<https://doi.org/10.3897/tdwgproceedings.1.20521>  
Presenter: *Kelly D. Goodwin*

04:30 PM - 04:45 PM

Rewards and Challenges of eDNA Sequencing with Multiple Genetic Markers for Marine Observation Programs  
<https://doi.org/10.3897/tdwgproceedings.1.20548>  
Presenter: *Kathleen J Pitz*

04:45 PM - 05:00 PM

Linking molecular and morphological biodiversity evidence by building a single name space  
<https://doi.org/10.3897/tdwgproceedings.1.20503>  
Presenter: *Dmitry Schigel*

05:00 PM - 05:15 PM

Panel Discussion

## **Contributed: Topics in Climate Change**

Moderator: *Robert D. Stevenson*

**04:00 PM - 05:00 PM**

*Ballroom A*

04:00 PM - 04:15 PM

Use of Online Species Occurrence Databases in Published Research since 2010  
<https://doi.org/10.3897/tdwgproceedings.1.20518>  
Presenter: *Joan E Ball-Damerow*

04:15 PM - 04:30 PM

Extending Darwin Core to incorporate data about material condition and absolute deep time  
<https://doi.org/10.3897/tdwgproceedings.1.20126>  
Presenter: *Laura Brenskelle*

04:30 PM - 04:45 PM

Pipedream or pipeline: delivering regular, reliable, up-to-date information on biodiversity through repeatable workflows

<https://doi.org/10.3897/tdwgproceedings.1.20749>

Presenter: *Quentin Groom*

04:45 PM - 05:00 PM

Development of a National Repository for Aquatic Biodiversity in Bhutan

<https://doi.org/10.3897/tdwgproceedings.1.20809>

Presenter: *Sangay Dema*

**07:00 PM - 10:00 PM**

Night at the Museum, *Canadian Museum of Nature, 240 McLeod St, Ottawa*



# Tuesday, 03 October 2017

08:30 AM - 09:00 AM	Load Talks & Hang Posters, <i>see instructions for presenters</i>
08:30 AM - 09:00 AM	Registration, <i>Ballroom A</i>
09:00 AM - 09:40 AM	Overview of TDWG: Interest Groups (IG), Task Groups (TG), and Executive; Current and impending standards; the structure of TDWG standards., <i>Ballroom A</i>
09:40 AM - 10:30 AM	Keynote: Anne Bowser - Standardizing Citizen Science?, <i>Ballroom A</i>
10:30 AM - 11:00 AM	Break, <i>Ballroom B/C</i>
10:30 AM - 11:00 AM	Posters (Even Numbers), <i>Ballroom B/C</i>
10:45 AM - 11:00 AM	Computer Demo, <i>Ballroom B/C</i> TaxonWorks <a href="https://doi.org/10.3897/tdwgproceedings.1.20279">https://doi.org/10.3897/tdwgproceedings.1.20279</a> Presenter: <i>Matthew J. Yoder</i>

## W09: Implementing Biodiversity Standards for Paleobiology

Organizers: *Denné Reed, Falko Glöckler, Mareike Petersen, Jana Hoffmann*

**11:00 AM - 12:30 PM**

*Richelieu*

11:00 AM - 11:15 AM	The Data Standard ABCD EFG - Access to Biological Collection Data Extended for Geosciences <a href="https://doi.org/10.3897/tdwgproceedings.1.15146">https://doi.org/10.3897/tdwgproceedings.1.15146</a> Presenter: <i>Falko Glöckler</i>
11:15 AM - 12:30 PM	Workshop Activities

## W07: Reusing an open source platform in order to create a community: example of the Living Atlases community

Organizers: *Marie-Elise Lecoq, David Martin, Christian Gendreau, Federico Mendez, Jeremy Goimard, Santiago Martínez de la Riva, Anders Telenius, Manash Shah*

**11:00 AM - 12:30 PM**

*Chaudière*

11:00 AM - 11:15 AM	Introduction of the Living Atlases workshop <a href="https://doi.org/10.3897/tdwgproceedings.1.20253">https://doi.org/10.3897/tdwgproceedings.1.20253</a> Presenter: <i>Marie-Elise Lecoq</i>
11:15 AM - 11:30 AM	Living Atlases Architecture <a href="https://doi.org/10.3897/tdwgproceedings.1.19826">https://doi.org/10.3897/tdwgproceedings.1.19826</a> Presenters: <i>David Martin, Christian Gendreau, Manash Shah</i>
11:30 AM - 11:45 AM	Documentation about Atlas of Living Australia tools: how to find information <a href="https://doi.org/10.3897/tdwgproceedings.1.19941">https://doi.org/10.3897/tdwgproceedings.1.19941</a> Presenter: <i>Fabien Cavière</i>

## S02: Biodiversity Data Quality – concepts, methods and tools

Organizers: *Arthur D. Chapman, Antonio M. Saraiva, Alexander M. Thompson*

**11:00 AM - 12:30 PM**

*Ballroom A*

11:00 AM - 11:15 AM	Fitness for Use: The BDQIG aims for improved Stability and Consistency <a href="https://doi.org/10.3897/tdwgproceedings.1.20240">https://doi.org/10.3897/tdwgproceedings.1.20240</a> Presenter: <i>Arthur D. Chapman</i>
11:15 AM - 11:30 AM	Toward a Biodiversity Data Fitness for Use Backbone (FFUB): A Node.js module prototype <a href="https://doi.org/10.3897/tdwgproceedings.1.20300">https://doi.org/10.3897/tdwgproceedings.1.20300</a> Presenter: <i>Allan Koch Veiga</i>
11:30 AM - 11:45 AM	Fitness-for-Use-Framework-aware Data Quality workflows in Kurator <a href="https://doi.org/10.3897/tdwgproceedings.1.20379">https://doi.org/10.3897/tdwgproceedings.1.20379</a> Presenter: <i>Paul J. Morris</i>
11:45 AM - 12:00 PM	Darwin Cloud: Mapping real-world data to Darwin Core <a href="https://doi.org/10.3897/tdwgproceedings.1.20486">https://doi.org/10.3897/tdwgproceedings.1.20486</a> Presenter: <i>John Wieczorek</i>
12:00 PM - 12:15 PM	Integrating data-cleaning with data analysis to enhance usability of biodiversity big-data <a href="https://doi.org/10.3897/tdwgproceedings.1.20244">https://doi.org/10.3897/tdwgproceedings.1.20244</a> Presenter: <i>Tomer Gueta</i>
12:15 PM - 12:30 PM	Using YesWorkflow hybrid queries to reveal data lineage from data curation activities <a href="https://doi.org/10.3897/tdwgproceedings.1.20380">https://doi.org/10.3897/tdwgproceedings.1.20380</a> Presenter: <i>Qian Zhang</i>
<b>12:30 PM - 02:00 PM</b>	Lunch
<b>12:30 PM - 02:00 PM</b>	Interest Group/Task Group, <i>Capitale</i> IG02: Technical Architecture Meeting Organizer: <i>Greg Whitbread</i>

## S02: Biodiversity Data Quality – concepts, methods and tools

Organizers: *Arthur D. Chapman, Antonio M. Saraiva, Alexander M. Thompson*

**02:00 PM - 03:30 PM**

*Ballroom A*

02:00 PM - 02:15 PM	Managing data quality in GBIF: status and plans <a href="https://doi.org/10.3897/tdwgproceedings.1.19825">https://doi.org/10.3897/tdwgproceedings.1.19825</a> Presenter: <i>Christian Gendreau</i>
02:15 PM - 02:30 PM	Towards a comprehensive workflow for biodiversity data in R <a href="https://doi.org/10.3897/tdwgproceedings.1.20311">https://doi.org/10.3897/tdwgproceedings.1.20311</a> Presenters: <i>Vijay Barve, Tomer Gueta</i>
02:30 PM - 02:45 PM	Angling for data: making biodiversity metadata more FAIR

<https://doi.org/10.3897/tdwgproceedings.1.20267>

Presenter: *Joakim Philipson*

02:45 PM - 03:00 PM Design and use of NOMEN, an ontology defining the rules of biological nomenclature

<https://doi.org/10.3897/tdwgproceedings.1.20284>

Presenter: *Matthew J. Yoder*

03:00 PM - 03:15 PM Invasive Organisms Information: A proposed TDWG Task Group

<https://doi.org/10.3897/tdwgproceedings.1.20266>

Presenter: *Quentin Groom*

03:15 PM - 03:30 PM Panel Discussion

## **W07: Reusing an open source platform in order to create a community: example of the Living Atlases community**

Organizers: *Marie-Elise Lecoq, David Martin, Christian Gendreau, Federico Mendez, Jeremy Goimard, Santiago Martínez de la Riva, Anders Telenius, Manash Shah*

**02:00 PM - 03:30 PM**

*Chaudiere*

02:00 PM - 02:15 PM The Registry component of Atlas of Living Australia

<https://doi.org/10.3897/tdwgproceedings.1.19802>

Presenter: *Santiago Martínez de la Riva*

02:15 PM - 02:30 PM Biocache-store: Command-Line Interface tool for managing occurrence records

Presenter: *Manash Shah*

02:30 PM - 02:45 PM Workshop Activities

## **S15: Agricultural Informatics Contributions to Biodiversity Science and Biodiversity Assessments**

Organizers: *Gail Kampmeier, Cyndy Parr, James Macklin*

**02:00 PM - 03:30 PM**

*Richelieu*

02:00 PM - 02:15 PM How Agricultural Researchers Share their Data: a Landscape Inventory

<https://doi.org/10.3897/tdwgproceedings.1.20434>

Presenter: *Erin Antognoli*

02:15 PM - 02:30 PM Databasing Crop Plants from the People's Biodiversity Register of India

<https://doi.org/10.3897/tdwgproceedings.1.19820>

Presenter: *Prabhakar Rajagopal*

02:30 PM - 02:45 PM The Value of Agricultural Voucher Specimens

<https://doi.org/10.3897/tdwgproceedings.1.19932>

Presenter: *Mary E. Barkworth*

02:45 PM - 03:00 PM Bringing Bugs into the System

<https://doi.org/10.3897/tdwgproceedings.1.20050>

Presenter: *Gail Kampmeier*

03:00 PM - 03:15 PM Agricultural Informatics Contributions to Biodiversity Science and

- 03:30 PM - 04:00 PM** Posters (Odd Numbers), *Ballroom B/C*
- 03:30 PM - 04:00 PM** Break, *Ballroom B/C*
- 03:45 PM - 04:00 PM** Computer Demo, *Ballroom B/C*  
Defining a Data Quality (DQ) profile and DQ report using a prototype of Node.js module of the Fitness for Use Backbone (FFUB)  
<https://doi.org/10.3897/tdwgproceedings.1.20275>  
Presenter: *Allan Koch Veiga*

## **S22: Biological Interaction Data - towards data standardization**

Organizers: *Antonio M. Saraiva, Jennifer Hammock, Quentin Groom*

**04:00 PM - 05:30 PM**

*Ballroom A*

- 04:00 PM - 04:15 PM How species interactions are managed in Plinian Core: Status and questions  
<https://doi.org/10.3897/tdwgproceedings.1.20556>  
Presenter: *Francisco Pando*
- 04:15 PM - 04:30 PM Addressing the proposal for new Darwin Core terms for interaction data  
<https://doi.org/10.3897/tdwgproceedings.1.20350>  
Presenter: *Willem Coetzer*
- 04:30 PM - 04:45 PM GoMexSI: Using Open Platforms such as Github, Wordpress, and GloBI to Manage, and Share Species Interaction Data  
<https://doi.org/10.3897/tdwgproceedings.1.20325>  
Presenter: *James Simons*
- 04:45 PM - 05:00 PM Brazilian Plant-Pollinator Interactions Network: definition of a data standard for digitization, sharing, and aggregation of plant-pollinator interaction data  
<https://doi.org/10.3897/tdwgproceedings.1.20298>  
Presenter: *Antonio M. Saraiva*
- 05:00 PM - 05:15 PM Global Biotic Interactions: A Catalyst For Integrating Existing Interaction Datasets, Connecting Data Curators And Developing Data Exchange Methods  
<https://doi.org/10.3897/tdwgproceedings.1.20214>  
Presenter: *Jorrit H Poelen*
- 05:15 PM - 05:30 PM mangal - making sense of biotic interaction data  
<https://doi.org/10.3897/tdwgproceedings.1.19993>  
Presenter: *Timothée Poisot*

## **S10: 500 Years of Big Data from the Biodiversity Heritage Library**

Organizers: *Martin R. Kalfatovic, Carolyn A. Sheffield*

**04:00 PM - 05:30 PM**

*Richelieu*

- 04:00 PM - 04:15 PM How Did BHL Get to Big Data  
<https://doi.org/10.3897/tdwgproceedings.1.20002>

	Presenter: <i>Martin R. Kalfatovic</i>
04:15 PM - 04:30 PM	Expanding Access to Biodiversity Literature <a href="https://doi.org/10.3897/tdwgproceedings.1.20146">https://doi.org/10.3897/tdwgproceedings.1.20146</a> Presenter: <i>Mariah Lewis</i>
04:30 PM - 04:45 PM	Scientific Names: Linking the Past to Provide Context for Knowledge <a href="https://doi.org/10.3897/tdwgproceedings.1.19937">https://doi.org/10.3897/tdwgproceedings.1.19937</a> Presenter: <i>Thomas M. Orrell</i>
04:45 PM - 05:00 PM	A path to continuous reindexing of scientific names appearing in Biodiversity Heritage Library data <a href="https://doi.org/10.3897/tdwgproceedings.1.20186">https://doi.org/10.3897/tdwgproceedings.1.20186</a> Presenter: <i>Dmitry Mozzherin</i>
05:00 PM - 05:15 PM	Crowdsourcing Data Enhancements to Improve Named Entity Recognition in the Biodiversity Heritage Library <a href="https://doi.org/10.3897/tdwgproceedings.1.17354">https://doi.org/10.3897/tdwgproceedings.1.17354</a> Presenter: <i>Katie Mika</i>
05:15 PM - 05:30 PM	BHL's Feedback Tools and User Surveys: Investigating User Needs for Data in Digital Libraries <a href="https://doi.org/10.3897/tdwgproceedings.1.20003">https://doi.org/10.3897/tdwgproceedings.1.20003</a> Presenter: <i>Carolyn A. Sheffield</i>

## **W07: Reusing an open source platform in order to create a community: example of the Living Atlases community**

Organizers: *Marie-Elise Lecoq, David Martin, Christian Gendreau, Federico Mendez, Jeremy Goimard, Santiago Martínez de la Riva, Anders Telenius, Manash Shah*

### **04:00 PM - 05:30 PM**

*Chaudiere*

04:00 PM - 04:15 PM	Biocache-store: Command-Line Interface tool for managing occurrence records Presenter: <i>Manash Shah</i>
04:15 PM - 04:30 PM	Occurrences : Data resources and Biocache-hub <a href="https://doi.org/10.3897/tdwgproceedings.1.20321">https://doi.org/10.3897/tdwgproceedings.1.20321</a> Presenter: <i>Jeremy Goimard</i>
04:30 PM - 05:30 PM	Workshop Activities

# Wednesday, 04 October 2017

08:30 AM - 09:00 AM	Registration, <i>Ballroom A</i>
08:30 AM - 09:00 AM	Load Talks, <i>see instructions for presenters</i>
09:00 AM - 09:40 AM	Wild Ideas, <i>Ballroom A</i>
09:40 AM - 10:30 AM	Keynote: Javier de la Torre - Everything happens somewhere, multiple times, <i>Ballroom A</i>
10:30 AM - 11:00 AM	Break, <i>Ballroom B/C</i>
10:45 AM - 11:00 AM	Computer Demo, <i>Ballroom B/C</i> Desktop or remote knowledge base management systems for taxonomic data and identification keys: Xper2 and Xper3 <a href="https://doi.org/10.3897/tdwgproceedings.1.19911">https://doi.org/10.3897/tdwgproceedings.1.19911</a> Presenter: <i>Régine Vignes-Lebbe</i>

## S12: Citizen Science Contributions to Biodiversity Research and Standards

Organizer: *Robert D. Stevenson*

**11:00 AM - 12:30 PM**

*Richelieu*

11:00 AM - 11:15 AM	The state of the data in citizen science <a href="https://doi.org/10.3897/tdwgproceedings.1.20370">https://doi.org/10.3897/tdwgproceedings.1.20370</a> Presenter: <i>Anne Bowser</i>
11:15 AM - 11:30 AM	Setting Collections Data Free with the Power of the Crowd: challenges, opportunities and a vision for the future <a href="https://doi.org/10.3897/tdwgproceedings.1.20422">https://doi.org/10.3897/tdwgproceedings.1.20422</a> Presenter: <i>Margaret J Gold</i>
11:30 AM - 11:45 AM	Turning Flickr into a useful Citizen Science Resource <a href="https://doi.org/10.3897/tdwgproceedings.1.20348">https://doi.org/10.3897/tdwgproceedings.1.20348</a> Presenter: <i>Arthur D. Chapman</i>
11:45 AM - 12:00 PM	Discovering Nature in the City with a Citizen Science Mobile App <a href="https://doi.org/10.3897/tdwgproceedings.1.20206">https://doi.org/10.3897/tdwgproceedings.1.20206</a> Presenter: <i>Jana Hoffmann</i>
12:00 PM - 12:15 PM	Panel Discussion

## W07: Reusing an open source platform in order to create a community: example of the Living Atlases community

Organizers: *Marie-Elise Lecoq, David Martin, Christian Gendreau, Federico Mendez, Jeremy Goimard, Santiago Martínez de la Riva, Anders Telenius, Manash Shah*

**11:00 AM - 12:30 PM**

*Chaudière*

11:00 AM - 11:15 AM	Living Atlases : tips and advices <a href="https://doi.org/10.3897/tdwgproceedings.1.20252">https://doi.org/10.3897/tdwgproceedings.1.20252</a> Presenter: <i>Marie-Elise Lecoq</i>
11:15 AM - 12:30 PM	Workshop Activities

## **S16: Using Big Data Techniques to Cross Dataset Boundaries - Integration and Analysis of Multiple Datasets**

Organizers: *Matthew Collins, Robert Guralnick, Martin R. Kalfatovic*

**11:00 AM - 12:30 PM**

*Ballroom A*

11:00 AM - 11:15 AM	BHL: A Source for Big Data Analysis <a href="https://doi.org/10.3897/tdwgproceedings.1.20339">https://doi.org/10.3897/tdwgproceedings.1.20339</a> Presenter: <i>Mike Lichtenberg</i>
11:15 AM - 11:30 AM	TAXREF-LD: A Reference Thesaurus for Biodiversity on the Web of Linked Data <a href="https://doi.org/10.3897/tdwgproceedings.1.20232">https://doi.org/10.3897/tdwgproceedings.1.20232</a> Presenters: <i>Franck Michel, Olivier Gargominy</i>
11:30 AM - 11:45 AM	IndexMEED cases studies using 'Omics' data with graph theory <a href="https://doi.org/10.3897/tdwgproceedings.1.20740">https://doi.org/10.3897/tdwgproceedings.1.20740</a> Presenter: <i>Romain David</i>
11:45 AM - 12:00 PM	A High-throughput Data Ingest Pipeline for Semantic Data-stores <a href="https://doi.org/10.3897/tdwgproceedings.1.20208">https://doi.org/10.3897/tdwgproceedings.1.20208</a> Presenter: <i>John Deck</i>
12:00 PM - 12:15 PM	Using ontologies to explore floral evolution in a non-model plant clade <a href="https://doi.org/10.3897/tdwgproceedings.1.20347">https://doi.org/10.3897/tdwgproceedings.1.20347</a> Presenter: <i>Annika L Smith</i>
12:15 PM - 12:30 PM	Panel Discussion
<b>12:30 PM - 05:00 PM</b>	Excursion: Pink Lake or Canadian Museum of Nature Collections
<b>12:30 PM - 02:00 PM</b>	Lunch



# Thursday, 05 October 2017

08:30 AM - 09:00 AM	Registration, <i>Ballroom A</i>
08:30 AM - 09:00 AM	Load Talks, <i>see instructions for presenters</i>
09:00 AM - 09:40 AM	Standards in Action: The Darwin Core Hour, <i>Ballroom A</i> <a href="https://doi.org/10.3897/tdwgproceedings.1.20280">https://doi.org/10.3897/tdwgproceedings.1.20280</a> Presenters: <i>Deborah Paul, John Wieczorek, Paula F Zermoglio</i>
09:40 AM - 10:30 AM	Keynote: Pamela Soltis - Linking Heterogeneous Data in Biodiversity Research, <i>Ballroom A</i>
10:30 AM - 11:00 AM	Break, <i>Ballroom B/C</i>
10:30 AM - 11:00 AM	Posters (Odd Numbers), <i>Ballroom B/C</i>
10:45 AM - 11:00 AM	Computer Demo, <i>Ballroom B/C</i> Developing a Module for Generating Formalized Semantic Morphological Descriptions for Morph · D · Base <a href="https://doi.org/10.3897/tdwgproceedings.1.15141">https://doi.org/10.3897/tdwgproceedings.1.15141</a> Presenters: <i>Sandra Meid, Lars Vogt</i>

## S18: Bridging Gaps between Biodiversity Informaticians and Collections Professionals

Organizers: *Holly Little, Deborah Paul, Gail Kampmeier*

**11:00 AM - 12:30 PM**

*Ballroom A*

11:00 AM - 11:15 AM	Building a community of practice through capacity enhancement mentoring <a href="https://doi.org/10.3897/tdwgproceedings.1.20234">https://doi.org/10.3897/tdwgproceedings.1.20234</a> Presenter: <i>Laura Russell</i>
11:15 AM - 11:30 AM	How Mass Digitization is changing Herbarium Collection Management at the Botanic Garden Meise (BR) – Teaching old dogs new tricks! <a href="https://doi.org/10.3897/tdwgproceedings.1.20194">https://doi.org/10.3897/tdwgproceedings.1.20194</a> Presenter: <i>Henry Engledow</i>
11:30 AM - 11:45 AM	An Example of Synergy in Data Mobilization: the Arctos-VertNet Nexus <a href="https://doi.org/10.3897/tdwgproceedings.1.20098">https://doi.org/10.3897/tdwgproceedings.1.20098</a> Presenter: <i>David Bloom</i>
11:45 AM - 12:00 PM	Towards Insect Digital Collections and Data Publishing: A journey for the GBIF-funded African Insect Atlas Collaborative Project <a href="https://doi.org/10.3897/tdwgproceedings.1.20274">https://doi.org/10.3897/tdwgproceedings.1.20274</a> Presenter: <i>Boikhutso Lerato Rapalai</i>
12:00 PM - 12:15 PM	Setting up an Interdisciplinary Data Infrastructure: Why Cooperation between Domain Experts and Computer Scientists Matters - An Experience Report from the GFBio Project <a href="https://doi.org/10.3897/tdwgproceedings.1.20198">https://doi.org/10.3897/tdwgproceedings.1.20198</a> Presenters: <i>Jana Hoffmann, Felicitas Löffler</i>
12:15 PM - 12:30 PM	Panel Discussion
<b>11:00 AM - 12:30 PM</b>	Interest Group/Task Group, <i>Chaudiere</i> IG03: Species Information



Organizer: *Francisco Pando*

## W21: Biological Interaction Data Workgroup

Organizers: *Antonio M. Saraiva, Jennifer Hammock, Quentin Groom*

**11:00 AM - 12:30 PM**

*Richelieu*

**12:30 PM - 02:00 PM**

Lunch

**12:30 PM - 02:00 PM**

Interest Group/Task Group, *Capitale*  
IG02: Technical Architecture Meeting  
Organizer: *Greg Whitbread*

## W23: Towards an Online Atlas of Phenology

Organizers: *Zoe Panchen, Joel Sachs, Mélanie Bélisle-Leclerc, Scott Chamberlain, Jonathan Davies, Pamela Soltis, Rob Guralnick*

**02:00 PM - 03:30 PM**

*Richelieu*

02:00 PM - 02:15 PM

Introduction

Presenters: *Joel Sachs, Pamela Soltis*

02:15 PM - 02:30 PM

Phenological sensitivity to temperature at broad scales: opportunities and challenges of natural history collections

<https://doi.org/10.3897/tdwgproceedings.1.20587>

Presenter: *Heather Kharouba*

02:30 PM - 02:45 PM

The use of avian museum specimen data in phenology studies: prospects and challenges

<https://doi.org/10.3897/tdwgproceedings.1.20324>

Presenter: *Keith Barker*

02:45 PM - 03:00 PM

Phenology atlas use cases: a new map of plant phenology across North America and beyond

<https://doi.org/10.3897/tdwgproceedings.1.20582>

Presenters: *Zoe Panchen, Jonathan Davies*

03:00 PM - 03:30 PM

Panel Discussion

## W06: Data Quality Workshop

Organizers: *Arthur D. Chapman, Antonio M. Saraiva*

**02:00 PM - 03:30 PM**

*Chaudiere*

## S18: Bridging Gaps between Biodiversity Informaticians and Collections Professionals

Organizers: *Holly Little, Deborah Paul, Gail Kampmeier*

**02:00 PM - 03:30 PM**

*Ballroom A*

- |                            |   |
|----------------------------|---|
| 02:00 PM - 02:15 PM        | A tool for collections-specific searches in genetic databases<br><a href="https://doi.org/10.3897/tdwgproceedings.1.20320">https://doi.org/10.3897/tdwgproceedings.1.20320</a><br>Presenter: <i>Michael Trizna</i>  |
| 02:15 PM - 02:30 PM        | Automated Herbarium Specimen Identification using Deep Learning<br><a href="https://doi.org/10.3897/tdwgproceedings.1.20302">https://doi.org/10.3897/tdwgproceedings.1.20302</a><br>Presenter: <i>Jose Carranza-Rojas</i>   |
| 02:30 PM - 02:45 PM        | Building community-specific standards and vocabularies: prospects and challenges for linking to the broader community - The SINP Case<br><a href="https://doi.org/10.3897/tdwgproceedings.1.20297">https://doi.org/10.3897/tdwgproceedings.1.20297</a><br>Presenters: <i>Paula F Zermoglio, Remy Jomier</i> |
| 02:45 PM - 03:00 PM        | Managing Ex Situ Collections of Wild Species' Seeds: Use of Biodiversity Informatics in the Millennium Seed Bank to Address Challenges<br><a href="https://doi.org/10.3897/tdwgproceedings.1.20197">https://doi.org/10.3897/tdwgproceedings.1.20197</a><br>Presenter: <i>Udayangani Liu</i>                 |
| 03:00 PM - 03:15 PM        | What's Missing From All the Portals?<br><a href="https://doi.org/10.3897/tdwgproceedings.1.20236">https://doi.org/10.3897/tdwgproceedings.1.20236</a><br>Presenter: <i>Sharon Grant</i>   |
| 03:15 PM - 03:30 PM        | SPNHC 2017 Natural History Collections Biodiversity Informatics 101 Short Course Insights<br><a href="https://doi.org/10.3897/tdwgproceedings.1.20263">https://doi.org/10.3897/tdwgproceedings.1.20263</a><br>Presenter: <i>Holly Little</i>  |
| <b>03:30 PM - 04:00 PM</b> | Break, <i>Ballroom B/C</i>  |
| <b>03:30 PM - 04:00 PM</b> | Posters (Even Numbers), <i>Ballroom B/C</i>   |

## W17: The EDIT Platform for Cybertaxonomy, Current State and Envisaged Integration into the Biodiversity Informatics Infrastructure

Organizers: *Andreas Müller, Walter Berendsohn, Anton Güntsch*

**04:00 PM - 05:30 PM**

*Ballroom A*

- |                     |   |
|---------------------|---|
| 04:00 PM - 04:15 PM | The EDIT Platform for Cybertaxonomy, a Brief Overview<br><a href="https://doi.org/10.3897/tdwgproceedings.1.20368">https://doi.org/10.3897/tdwgproceedings.1.20368</a><br>Presenter: <i>Andreas Kohlbecker</i>                          |
| 04:15 PM - 04:30 PM | A Comprehensive and Standards-Aware Common Data Model (CDM) for Taxonomic Research<br><a href="https://doi.org/10.3897/tdwgproceedings.1.20367">https://doi.org/10.3897/tdwgproceedings.1.20367</a><br>Presenter: <i>Andreas Müller</i> |

04:30 PM - 04:45 PM	The CDM Applied: Handling of Names, Taxa and Concepts in a Conservation Context <a href="https://doi.org/10.3897/tdwgproceedings.1.20364">https://doi.org/10.3897/tdwgproceedings.1.20364</a> Presenter: <i>Walter G. Berendsohn</i>
04:45 PM - 05:00 PM	The CDM Applied: Unit-Derivation, from Field Observations to DNA Sequences <a href="https://doi.org/10.3897/tdwgproceedings.1.20366">https://doi.org/10.3897/tdwgproceedings.1.20366</a> Presenter: <i>Andreas Müller</i>
05:00 PM - 05:15 PM	EDIT Platform Web Services in the Biodiversity Infrastructure Landscape <a href="https://doi.org/10.3897/tdwgproceedings.1.20363">https://doi.org/10.3897/tdwgproceedings.1.20363</a> Presenter: <i>Andreas Kohlbecker</i>
05:15 PM - 05:30 PM	EDIT Platform Projects: What's Next <a href="https://doi.org/10.3897/tdwgproceedings.1.20365">https://doi.org/10.3897/tdwgproceedings.1.20365</a> Presenter: <i>Walter G. Berendsohn</i>

## W23: Towards an Online Atlas of Phenology

Organizers: *Zoe Panchen, Joel Sachs, Mélanie Bélisle-Leclerc, Scott Chamberlain, Jonathan Davies, Pamela Soltis, Rob Guralnick*

**04:00 PM - 05:30 PM**

*Richelieu*

04:00 PM - 04:15 PM	The USA National Phenology Network: A Framework for Delivery of Phenology Data Products on Multiple Spatiotemporal Scales <a href="https://doi.org/10.3897/tdwgproceedings.1.20188">https://doi.org/10.3897/tdwgproceedings.1.20188</a> Presenter: <i>Lee Marsh</i>
04:15 PM - 04:30 PM	An Update on the Plant Phenology Ontology and Plant Phenology Data Integration <a href="https://doi.org/10.3897/tdwgproceedings.1.20487">https://doi.org/10.3897/tdwgproceedings.1.20487</a> Presenter: <i>Brian J. Stucky</i>
04:30 PM - 04:45 PM	Documenting Reproductive Phenology using Herbarium Specimens: Experiences from the New England Vascular Plants Project <a href="https://doi.org/10.3897/tdwgproceedings.1.20430">https://doi.org/10.3897/tdwgproceedings.1.20430</a> Presenter: <i>Patrick W Sweeney</i>
04:45 PM - 05:30 PM	Panel Discussion

## W06: Data Quality Workshop

Organizers: *Arthur D. Chapman, Antonio M. Saraiva*

**04:00 PM - 05:30 PM**

*Chaudière*

**06:30 PM - 10:00 PM**

Banquet, *Canadian Museum of History, 100 Laurier Street, Gatineau (Hull), Quebec*

# Friday, 06 October 2017

08:30 AM - 09:00 AM Registration, *Ballroom A*  
08:30 AM - 09:00 AM Load Talks, *see instructions for presenters*

## W14: Standards for Citizen Science Biodiversity Studies

Organizers: *Robert D. Stevenson, Libby Ellwood*

09:00 AM - 10:30 AM

*Richelieu*

## S20: Traits - Data models, sources, vocabulary, interoperability and their presentation and discoverability via species information pages

Organizers: *Jeff Gerbracht, Robert Guralnick, Jennifer Hammock, Deborah Paul, Pamela Soltis*

09:00 AM - 10:30 AM

*Ballroom A*

- |                     |  |
|---------------------|--|
| 09:00 AM - 09:15 AM | Species Information pages, how are the data discovered, consolidated and presented.<br><a href="https://doi.org/10.3897/tdwgproceedings.1.20294">https://doi.org/10.3897/tdwgproceedings.1.20294</a><br>Presenter: <i>Jeff Gerbracht</i>   |
| 09:15 AM - 09:30 AM | Building semantics in the domain of trait data: an OBO Library approach<br><a href="https://doi.org/10.3897/tdwgproceedings.1.20293">https://doi.org/10.3897/tdwgproceedings.1.20293</a><br>Presenter: <i>Pier Luigi Buttigieg</i>   |
| 09:30 AM - 09:45 AM | Traits in a graph<br><a href="https://doi.org/10.3897/tdwgproceedings.1.20289">https://doi.org/10.3897/tdwgproceedings.1.20289</a><br>Presenter: <i>Jennifer Hammock</i>   |
| 09:45 AM - 10:00 AM | VicFlora: a dynamic, service-based Flora<br><a href="https://doi.org/10.3897/tdwgproceedings.1.20525">https://doi.org/10.3897/tdwgproceedings.1.20525</a><br>Presenter: <i>Niels Klazenga</i>  |
| 10:00 AM - 10:15 AM | Documenting Marine Species Traits in the World Register of Marine Species (WoRMS): Current status, Future Plans and Encountered Challenges<br><a href="https://doi.org/10.3897/tdwgproceedings.1.20337">https://doi.org/10.3897/tdwgproceedings.1.20337</a><br>Presenter: <i>Leen Vandepitte</i> |
| 10:15 AM - 10:30 AM | Traits as Essential Biodiversity Variables<br><a href="https://doi.org/10.3897/tdwgproceedings.1.20295">https://doi.org/10.3897/tdwgproceedings.1.20295</a><br>Presenter: <i>Robert Guralnick</i>  |

## W08: Biodiversity data annotations – state of the play and perspectives

Organizers: *Lutz Suhrbier, Okka Tschöpe, Anton Güntsch, Walter Berendsohn*

**09:00 AM - 10:30 AM**

*Chaudiere*

09:00 AM - 09:15 AM	AnnoSys – an online tool for sharing annotations to enhance data quality <a href="https://doi.org/10.3897/tdwgproceedings.1.20315">https://doi.org/10.3897/tdwgproceedings.1.20315</a> Presenters: <i>Walter G. Berendsohn, Okka Tschöpe</i>
09:15 AM - 10:00 AM	Annosys – hands on session
10:00 AM - 10:15 AM	Integrating AnnoSys into your specimen data portal <a href="https://doi.org/10.3897/tdwgproceedings.1.20313">https://doi.org/10.3897/tdwgproceedings.1.20313</a> Presenter: <i>Lutz Suhrbier</i>
10:15 AM - 10:30 AM	Panel Discussion
<b>10:30 AM - 11:00 AM</b>	Break, <i>Ballroom B/C</i>

## W08: Biodiversity data annotations – state of the play and perspectives

Organizers: *Lutz Suhrbier, Okka Tschöpe, Anton Güntsch, Walter Berendsohn*

**11:00 AM - 12:30 PM**

*Chaudiere*

11:00 AM - 11:15 AM	Semantic Annotations of Text and Images in Morph · D · Base <a href="https://doi.org/10.3897/tdwgproceedings.1.14778">https://doi.org/10.3897/tdwgproceedings.1.14778</a> Presenter: <i>Christian Köhler</i>
11:15 AM - 11:30 AM	Annotating out the Way to the Linked Biodiversity Data Web <a href="https://doi.org/10.3897/tdwgproceedings.1.20270">https://doi.org/10.3897/tdwgproceedings.1.20270</a> Presenter: <i>Guan Shuo Mai</i>
11:30 AM - 11:45 AM	AnnoSys - future developments <a href="https://doi.org/10.3897/tdwgproceedings.1.20317">https://doi.org/10.3897/tdwgproceedings.1.20317</a> Presenter: <i>Lutz Suhrbier</i>
11:45 AM - 12:30 PM	Panel Discussion

## Contributed: Topics in Taxonomy and Ontologies

Moderator: *David Shorthouse*

**11:00 AM - 12:30 PM**

*Ballroom A*

11:00 AM - 11:15 AM	Setup of BIOfid, a new Specialised Information Service for Biodiversity Research
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	<a href="https://doi.org/10.3897/tdwgproceedings.1.19803">https://doi.org/10.3897/tdwgproceedings.1.19803</a> Presenter: <i>Markus Koch</i>
11:15 AM - 11:30 AM	Catalogue of Life, China and Taxonomic Tree Tool <a href="https://doi.org/10.3897/tdwgproceedings.1.20394">https://doi.org/10.3897/tdwgproceedings.1.20394</a> Presenter: <i>Liqiang Ji</i>
11:30 AM - 11:45 AM	Building a Taxonomic Data Editor: ITIS Taxonomic Workbench 6.0 <a href="https://doi.org/10.3897/tdwgproceedings.1.19965">https://doi.org/10.3897/tdwgproceedings.1.19965</a> Presenter: <i>David Mitchell</i>
11:45 AM - 12:00 PM	The Taxonomic and Biodiversity Software Stack in R <a href="https://doi.org/10.3897/tdwgproceedings.1.20219">https://doi.org/10.3897/tdwgproceedings.1.20219</a> Presenter: <i>Scott Chamberlain</i>
12:00 PM - 12:15 PM	SOCOMAS: A Self-Describing and Content-Independent Application for Semantic Ontology-Controlled Web-Content-Management-Systems <a href="https://doi.org/10.3897/tdwgproceedings.1.20033">https://doi.org/10.3897/tdwgproceedings.1.20033</a> Presenters: <i>Sandra Meid, Lars Vogt</i>
12:15 PM - 12:30 PM	OntoPilot: New Software to Simplify and Accelerate Ontology Development and Deployment <a href="https://doi.org/10.3897/tdwgproceedings.1.20192">https://doi.org/10.3897/tdwgproceedings.1.20192</a> Presenter: <i>Brian J. Stucky</i>
<b>11:00 AM - 12:30 PM</b>	Interest Group/Task Group, <i>Richelieu</i> IG04: Collections Description Meeting Organizers: <i>Alexander Thompson, Deborah Paul</i>
<b>12:30 PM - 02:00 PM</b>	Lunch
<b>02:00 PM - 03:30 PM</b>	Business Meeting: Reports from Treasurer, Interest and Task Groups; Preview of TDWG2018; Closing Remarks Presenters: <i>William Ulate, Dimitrios Koureas</i>