

# TDWG 2012 Program

(All program activities will be held in the Main Hall unless otherwise indicated\*\*)

## SUNDAY, October 21

REGISTRATION 4pm – 6pm (follow signs from Hotel Lobby)

TDWG Conference Reception 6pm – 8pm

## MONDAY, October 22

### 9:00 Opening Remarks

Keping Ma, Chair of Local Organizing Committee  
Chuck Miller, Chair, TDWG Executive Committee  
Yinan Liu, Conference Manager  
Rusty Russell, Chair, TDWG 2012 Program Committee

### 9:30 Keynote: Dr. Robert Robbins

*How Diverse is the Biosphere? New Tools, Recent Discoveries, Huge Implications*

### 10:30 BREAK

### 11:00 Contributed Papers

*Digital images and DNA barcodes improve international cooperation and informatic value of diverse tropical arthropod inventories*

Jeremy Miller

*Digitisation of insect soups from entomological collections*

Beth Mantle, Paul Kenneth Flemons

*Soup for crowds: a new source of data on insect richness, diversity and abundance*

Paul Kenneth Flemons, Beth Mantle

*Collection and conservation of microalgae biodiversity information in Burkina Faso (West Africa)*

Bilassé Zongo

*eMonocot: an online resource for monocot plants*

Benjamin Richard Clark, Abigail Barker, Edward Baker, William J Baker, Ruth Bone, H Charles J Godfray, Joseph Kelly, Ian J Kitching, Laurence Livermore, Simon Joseph Mayo, Sarah Phillips, Annapaola Santarsiero, Malcolm J Scoble, David A Simpson, Vincent S Smith, Soraya Villalba, Odile Weber, Paul Wilkin

### 12:30 LUNCH

### 1:30 Contributed Papers

*Knowledge Organization Systems in the GBIF work programme – recent developments*

Dag Terje Filip Endresen, Éamonn Ó Tuama, David Remsen

*The new version of the BioCASE protocol: Teaming direct access web services with archive files*

Jörg Holetschek, Anton Güntsch, Walter G. Berendsohn

*The Biodiversity Heritage Library and bibliographic citations: new user services in support of a Global Names Architecture*

Trish Rose-Sandler, William Ulate

*Semantic Layers in Database Applications and Implications for Schema Mapping*

Maureen Kelly (David Lowery)

**1:30\*\* Breakout Room**

**Working Meeting**

*Darwin Core (DwC) Tissue/DNA extension for the Global Genome Biodiversity Network (GGBN)*

Paul Kenneth Flemons

**2:30 Interest Group**

*Managing vocabularies - the role of TDWG*

Éamonn Ó Tuama, Dag Terje Filip Endresen, David Remsen

**3:30 BREAK**

**4:00 Task Group**

*The TDWG Technical Architecture Group*

Greg Whitbread, Stan Blum

**4:00\*\* Breakout Room**

**Working Meeting (Continued)**

*Darwin Core (DwC) Tissue/DNA extension for the Global Genome Biodiversity Network (GGBN)*

Paul Kenneth Flemons

**6:00 Buffet DINNER**



**TUESDAY, October 23**

**9:00 SYMPOSIUM: Biodiversity database and journal interface in e-publication era**

*Biodiversity database and journal interface in e-publication era*

Zhi-Qiang Zhang

*Making small data big: The Biodiversity Data Journal*

Lyubomir Penev, Teodor Georgiev, Pavel Stoev, David Roberts, Vincent Smith

*Semantic Annotation, Ontology Building, and Interactive Key Generation from Morphological Descriptions*

Hong Cui, Alex Dusenbery, James Macklin, Fengqiong Huang, Robert Morris, Heather Cole

*Towards a Universal Bibliography – The RefBank approach*

Guido Sautter, David King, David R. Morse

*From Taxonomic Literature to Cybertaxonomic Content*

Jeremy Miller\*, Torsten Dikow, Donat Agosti, Guido Sautter, Terry Catapano, Lyubomir Penev, Zhi Qiang Zhang, Dean Pentcheff, Richard Pyle, Stan Blum, Cynthia Parr, Chris Freeland, Tom Garnett, Linda S. Ford, Burgert Muller, Leo Smith, Ginger Strader, Teodor Georgiev and Laurence Bénichou

*Highlighting fitness-for-use of published biodiversity data*

Javier Otegui, Arturo H. Ariño

10:30 BREAK

11:00 **SYMPOSIUM**: African Biodiversity Information Symposium  
(sponsored by JRS Biodiversity and the Belgian Cooperation for Development)

*Activity of the Herbarium of Lwiro*  
Mwanga Mwanga Ithe

*A Tool for the Forest in DR Congo*  
Albert Bulimwengu Walanga

*The data of the Biosphere reserve of Luki, DR Congo*  
Bhely Ronsard Angoboy

*Developing biodiversity informatics infrastructure to support conservation of plant diversity in Ghana*  
Dr. Alex Asase

*Building Biodiversity Information Networks for the compilation of Kenya's Natural Capital*  
Lucy W. Waruingi

*Accessibility and Usage of Biodiversity Information in Tanzania: Challenges and Opportunities*  
Philbert Nyinondi

*RIHA and SEP-CEPDEC: Lessons Learned from a contribution to GBIF outreach in Togo*  
Pierre Radji

12:30 LUNCH

1:30 **Contributed Papers**

*AnnoSys - A generic Annotation System for Biodiversity Data*  
Lutz Suhrbier, Okka Tschöpe

*Generating Annotations for the Semantic Web From Closed-world Data*  
David Lowery

2:00 **Interest Group**

*Annotations*  
Paul Morris, James Macklin

**2:00\*\* Breakout Room**

**Working Meeting**  
*Darwin Core (DwC) Tissue/DNA extension for the Global Genome Biodiversity Network (GGBN)*  
Paul Kenneth Flemons

3:30 BREAK

**4:00\*\* Breakout Room**

**Working Meeting (continued)**  
*Darwin Core (DwC) Tissue/DNA extension for the Global Genome Biodiversity Network (GGBN)*

6:00 Buffet DINNER



WEDNESDAY, October 24

9:00 *Dr. Frank Bisby – Personal Recollections*

9:30 **Plenary Speaker:** Dr. Li-Qiang Ji  
*Bisby Core - a Taxonomic Data Transfer Standard for the Multiple Taxonomy Environment.*

10:30 BREAK

11:00 **POSTER SESSION** – Main Hall (Posters are listed at end of program)

12:30 LUNCH

1:30 **Computer Demonstrations**

*Xper3: When taxonomy meets Web 2.0*

Visotheary Ung, Florian Causse, Thomas Burguière, Nils Paulhe, Régine Vignes-Lebbe

*Pensoft Writing Tool (PWT): A novel, collaborative, domain-specific, article authoring platform*

Teodor Georgiev, Pavel Stoev, David Roberts, Vincent Smith

*Scratchpads Demo*

Ben Scott

2:30 **Workshop**

*Global dissemination of natural history content via Biodiversity Library Exhibition (BLE) workshop*

Jiří Frank, William Ulate

6:00 Buffet DINNER



THURSDAY, October 25

9:00 **Contributed Papers**

*The BioVeL Data Refinement Workflow for Occurrence Data.*

Anton Güntsch, Cherian Mathew, Vera Hernandez Ernst, Matthias Obst, Sarah Bourlat, Alan R Williams, Yde de Jong, Alex Hardisty

*Interoperability between Scratchpads and the EDIT Platform for Cybertaxonomy via the Darwin Core Archive standard*

Lorna Morris, Andreas Kohlbecker, Andreas Müller, Simon Rycroft, Edward Baker, Walter Berendsohn

*Scratchpads 2.0 and the pitfalls of scale*

Simon Rycroft, Ben Scott, Dave Roberts, Vince Smith

*Taxonomic Tree Tool for Managing and Comparing Taxonomic Trees*

Congtian Lin, Huijie Qiao, Jiangning Wang, Liqiang Ji

*A Guideline for Dealing with Data Quality*  
Allan Koch Veiga, Antonio Mauro Saraiva

10:30 BREAK

11:00 Contributed Papers

*Building a participatory open access biodiversity portal in India - India Biodiversity Portal & Western Ghats Portal.*

Balasubramanian Dhandapani, Ramesh Brahmasamudra Ranganna, Prabhakar Rajagopal

*Biodiversity Information Service in China: The Architecture and Techniques.*

Zheping Xu, Keping Ma, Haining Qin, Jinzhong Cui

*Leveraging an international infrastructure: case studies from the Encyclopedia of Life*

Cynthia Parr, Katja Schulz, Jennifer Hammock

*Large-scale indexing of biodiversity data.*

Federico Méndez, Tim Robertson

*Towards the Global Genome Biodiversity Network (GGBN) – Infrastructure for genomic tissue and DNA sample data.*

Gabriele Droege, Katharine Barker, Paul Flemons, Paul Bartels

12:30 LUNCH

1:30 TDWG BUSINESS MEETING

2:30 Interest Group

*Biodiversity Information for Cooperation and Development*

Alex Asase, Patricia Mergen

2:30\*\* Breakout Room

Interest Group

*Genomic Biodiversity Working Interest Group (GBWG) Charter*

John Deck

3:30 BREAK

4:00 Interest Group (continued):

*Biodiversity Information for Cooperation and Development*

Alex Asase, Patricia Mergen

4:00\*\* Breakout Room

Interest Group (continued)

*Genomic Biodiversity Working Interest Group (GBWG) Charter*

John Deck

5:30 Buses leave People's Palace for Conference Dinner

6:30 Conference DINNER



**FRIDAY, October 26**

**9:00 Lightning Talks**

*Species and names: building the taxonomy and nomenclature database in Finland*  
Dmitry Schigel

*The Catalogue of Life e-Infrastructure project, <http://www.i4life.eu>*  
Wouter Addink, Walter G. Berendsohn

*GeoCASE, OpenUp! and the ABCD-EFG schema -- Mobilizing paleobiological collection data*  
Falko Glöckler, Jana Hoffmann, Wolfgang Kiessling, Martin Pluta

*Opening Up paleontological multimedia data for the public*  
Jana Hoffmann, Jiří Frank

*Announcing ETC: Exploring Taxon Concepts through Analyzing Fine-Grained Semantic Markup of Descriptive Literature*  
James Alexander Macklin, Hong Cui, Bertram Ludaescher

*An Online Metadata Resource of Vegetation Databases: The Global Index of Vegetation-Plot Databases (GIVD)*  
Falko Glöckler

*The Art of Life Schema: describing and providing access to natural history illustrations from the Biodiversity Heritage Library (BHL)*  
William Ulate, Trish Rose-Sandler, Gaurav Vaidya, Robert Guralnick

**9:45 Interest and Task Group Reports**

**10:30 BREAK**

**11:00 Interest and Task Group Reports**

**11:45 TDWG 2013 Report: Florence, ITALY. *Patrizia Paolacci, Event Planner***

**12:30 Final Comments from the Chairman**

**1:00 LUNCH**

## POSTERS

### *BioVeL – Developing a Biodiversity Virtual e-Laboratory*

Sarah Bourlat, Giacinto Donvito, Jonathan Giddy, Renato De Giovanni, Carole Goble, Anton Güntsch, Rob Haines, Alex Hardisty, Vera Hernandez Ernst, Ferenc Horváth, Yde de Jong, Renzo Kottmann, Cherian Mathew, Norman Morrison, Matthias Obst, Gerard Oostermeijer, Elisabeth Paymal, Hannu Saarenmaa, Saverio Vicario, Alan R Williams

### *The Catalogue of Life e-Infrastructure project, <http://www.i4life.eu>*

Wouter Addink

### *Extending BioCAsE: Teaming direct access web services with archive files*

Joerg Holetschek, Anton Güntsch, Walter G. Berendsohn

### *Identification Key WebServices*

Thomas Burguiere, Visotheary Ung, Nils Paulhe, Florian Causse, Régine Vignes-Lebbe

### *XPer<sup>3</sup>: When taxonomy meets Web 2.0*

Visotheary Ung, Florian Causse, Thomas Burguière, Nils Paulhe, Régine Vignes-Lebbe

### *Xper<sup>3</sup>: new features and developments*

Nils Paulhe, Florian Causse, Thomas Burguiere, Visotheary Ung, Andreas Müller, Régine Vignes Lebbe

### *Pl@ntNet-DataManager – a software for distributed management of heterogeneous biodiversity data*

Samuel Dufour-Kowalski, Pierre Bonnet, Mathias Chouet, Jean-Pascal Milcent, Jean-François Molino

### *SYNTHESYS2 training activities update and the integration into an interconnected helpdesk system*

Garin Cael, James Davy, Boris Jacob, Kim Jacobsen, Larissa Smirnova, Patricia Mergen, Gemma Maldar, Rob Huxley, René Dekker

### *An automated mass-digitisation infrastructure for natural history collections*

Tero Menonen

### *Creating a merged taxonomic tree to help taxonomists identify differences between two classification systems*

Guan-Shuo Mai, Huei-Horng Yo, Jack Lin, Kwang-Tsao Shao

### *DINA Open-Source Collections Management Software*

Kevin Cornell Holston, Fredrik Ronquist, Ida Li, Anders Telenius, Markus Englund

### *The Art of Life Schema: describing and providing access to natural history illustrations from the Biodiversity Heritage Library (BHL)*

William Ulate, Trish Rose-Sandler, Gaurav Vaidya, Robert Guralnick

### *The BioCAsE Monitor Service v1.0*

Jana Hoffmann, Franck Theeten, Falko Glöckler

### *The Natural History Content in Europeana*

Jiri Frank, Jana Hoffmann

### *The Consortium of Pacific Herbaria*

Michael Thomas

### *OBIS-USA: Marine Biogeography in United States Institutions Building on Global Standards*

Phillip Goldstein

*Anymals+plants – Biodiversity in your pocket*

**Falko Glöckler**

*The AGORA 3D Project*

**James Davy, Patrick Semal, Helene Rougier, Isabelle Crevecoeur, Charles Dibie Kpra, Stephanie Vanbegin, Els Cornelissen, Nicolas Cauwe, Eric Danon, Emmanuel Gilissen, Patricia Mergen, Chris Vastenhoud, Erik Buelinckx**

*The EDIT Platform for Cybertaxonomy offering Catalogue of Live webservice layers*

**Cherian Mathew, Anton Güntsch, Walter Berendsohn**

*LINCAOCNET: a multidisciplinary portal on edible insects and terrestrial invertebrates of French-speaking Africa*

**Séverin Tchiboza, Didier Morin, Franck Theeten, Michel Louette, Patricia Mergen**

*The RMCA CABIN project: Activities for a biodiversity information network in Central African*

**Franck Theeten, Garin Cael, Patricia Mergen, Michel Louette, Muliri Mirindi, Frumence Boroto Mutuku, Jörg Holetsche, Motonobu Kasajima, Charles Kahindo**

*Why cultivated plants are different - some of the issues encountered when sharing cultivated plant metadata.*

**Rupert G. Wilson**

*Semantic Layers in Database Applications and Implications for Schema Mapping*

**Maureen Kelly**



## **TDWG EXECUTIVE COMMITTEE**

**Chair: Chuck Miller Missouri Botanical Garden, St Louis, USA**  
**Treasurer: Stan Blum, California Academy of Sciences, USA**  
**Secretary: Patricia Mergen, Royal Museum for Central Africa, BELGIUM**  
**Journal Editor: Anna Weitzman, Smithsonian Institution, Washington, USA**

### **Regional Representatives**

**Charles Kahindo, University of Bukavu, DEMOCRATIC REPUBLIC of CONGO**  
**Nozomi (James) Ytow, University of Tsukuba, JAPAN**  
**Heimo Rainer, University of Vienna, AUSTRIA**  
**Yde De Jong, Netherlands Centre for Biodiversity, Univ of Amsterdam, NETHERLANDS**  
**Antonio Mauro Saraiva, University of São Paulo, BRAZIL**  
**Gail Kampmeier, Illinois Natural History Survey, USA**  
**Reed Beaman, Florida Museum of Natural History, USA**  
**Kevin Richards, Landcare Research, NEW ZEALAND**  
**Paul Flemons, Australian Museum, AUSTRALIA**

### **Co-opted Members:**

**Éamonn Ó Tuama, Global Biodiversity Information Facility, DENMARK**  
**Lee Belbin, Hobart, AUSTRALIA**  
**William Ulate, Missouri Botanical Garden, USA**

## **LOCAL ORGANIZING COMMITTEE**

**Chair: Keping Ma, Institute of Botany, CAS**  
**Conference Manager: Yinan Liu, Office of Biodiversity Committee, CAS**  
**Committee Members**  
**Li-qiang Ji, Institute of Zoology, CAS**  
**Lisong Wang, Institute of Botany, CAS**  
**Xianchun Zhang, Institute of Botany, CAS**  
**Haining Qin, Institute of Botany, CAS**  
**Fumin Lei, Institute of Zoology, CAS**  
**Yijian Yao, Institute of Microbiology, CAS**  
**Jinshuang Ma, Shanghai Chenshan Plant Science Research Center, CAS**

## **PROGRAM COMMITTEE**

**Chair: Rusty Russell, Smithsonian Institution**  
**Alex Asase, University of Ghana**  
**Beth Mantle, CSIRO Canberra**  
**Eduardo Dalcin, Jardim Botânico (Rio de Janeiro)**  
**Heimo Rainer, University of Vienna**  
**Paul Flemons, TDWG Exec Liaison**  
**Keping Ma, Chair, Local Organizing Committee (ex officio)**  
**Yinan Liu, Event Manager (ex officio)**