



Taxonomic Databases Working Group
2006 Annual Meeting
15-22 October 2006
Missouri Botanical Gardens
St. Louis, Missouri, U.S.A.

TDWG 2006: MEETING SCHEDULE

Last Updated: 16 October 2006 at 14:53 CDT

All session content and timing is subject to change. Schedule changes will be posted at the Registration Desk as required. Please check frequently for the latest information.

All delegates are welcome at all sessions except the TDWG Executive Meetings

Within each session presentations are indicated by a ► character at the start of a line. Most presentations are listed in *alphabetical order*, **not** sequence order, in this version of the Schedule.

Session Chairs are provisional and subject to change. Session Chairs will decide or influence the final order of presentations within a session.

Bus transport will be provided Sunday 15 to Sunday 22 between the Hyatt Regency Hotel and the Missouri Botanical Garden. The morning bus leaves the Hyatt Regency Hotel at 08:00. Additional details of transportation will be posted at the Registration Desk as required. Please check frequently for the latest information.

Venue Details

Unless otherwise indicated all main sessions will be in the **Schoenberg Auditorium**. Please take time to check each session in this Schedule for alternative locations.

On most days refreshments and lunch will be in the **Orthwein Floral Display Hall**. The main exception is Sunday 15 October when all breaks will be taken in the **Spink Pavilion**.

Posters and Computer Demonstrations will be displayed in the **Orthwein Floral Display Hall**.

Internet Access

Free wireless access to the Internet is available to all delegates. It is the responsibility of the delegate to ensure the security of their own computer. We request that appropriate firewall and anti-virus software is employed on all delegates' computers to reduce the risk of cross-infection.

Saturday 14 October

Pre-Meeting Activities

TBA TDWG Executive Meeting

Sunday 15 October

Registration will take place between 08:30 and 17:30

TDWG Infrastructure

- 09:00 TDWG Activities (Chair: Walter Berendsohn)**
- Welcome by Dr Peter Raven, President, Missouri Botanical Garden
 - Introduction to TDWG by the Chair
 - Short presentations by active Subgroup Conveners
- **Natural Collections Descriptions: an introduction to the NCD data standard**
- 10:45** Coffee (Spink Pavilion)
- 11:15 TDWG Activities (Chair: John Wieczorek)**
- Short presentations by active Subgroup Conveners (continued)
- 13:00** Lunch (Spink Pavilion)
- 14:00 New TDWG Infrastructure (Chair: Lee Belbin)**
- Architecture
 - GUIDS
 - Documentation
 - Web environment (public and subgroup environments)
- **A Technical Architectural for TDWG Standards**
- **Globally Unique Identifiers (GUID) for Biodiversity Informatics**
- **A Documentation Strategy For TDWG**
- **New Website and Online Collaboration Infrastructure for TDWG**
- 15:30** Coffee (Spink Pavilion)
- 16:00 New TDWG Infrastructure (Chair: Lee Belbin)**
- TDWG Funding
 - New Process
- **TDWG Ongoing Support**
- 17:30** Close of day
- up to 18:30** Meeting of TDWG Infrastructure Project Team with Subgroup Conveners (bus will take those involved back to the Hyatt in time for the Reception)
- 19:00** Evening Reception at the Hyatt Regency Hotel, Union Station

Monday 16 October

Registration will take place between 09:00 and 11:15

Posters should be mounted today and can remain in place until close of business on Friday

General Session

09:15 Business Meeting (Chair: Stan Blum)

- General discussion of the proposed changes to the TDWG Constitution and Infrastructure
- Review of old Standards and Roadmap for update/retirement

10:45 Coffee

11:15 Standards & Protocols (Chair: Roger Hyam)

- TAPIR
- Proposed Standards (Dwc2)
- Emerging Standards
 - o ABCDEFG
 - o Taxonomic Verification Qualifiers

- **A Web Services API for Fundamental Niche Modelling**
- **TAPIR 1.0**
- **Using TAPIR in biodiversity networks**
- **The Big Dig**
- **The EFG extension to the ABCD schema**

13:00

Lunch

Executive Meeting
(TDWG Executive members only)

14:00 Standards & Protocols (Chair: Charles Hussey)

- Modularising schemas
- Integrating external standards
- Compliance/Conformance – testing implications

- **An Integrative, Standards-Compliant Framework for TDWG Schemata and Services**
- **Best practice for updating and versioning of TDWG standard XML schemas**
- **Biodiversity Informatics and the GeoWeb: toward an integration of TDWG and OGC standards**
- **Exchange of germplasm datasets with PyWrapper/BioCASE**
- **TDWG and the OGC: an Update**

15:30 Coffee

16:00 Hot Topics & New Ideas (Chair: Donald Hobern)

- Ontologies & Semantics
- Data representation languages (UML, BNF, RDF, XML)

- **Building Biodiversity Information Education: Next Generation Bioinformaticians**
- **Developing a Core Ontology for Taxonomic Data**
- **Converting an Existing Taxonomic Data Resource to Employ an Ontology and LSIDS**
- **Ontologizing morphological terms for Hymenoptera (Insecta) - implementing and benefiting from a controlled vocabulary**
- **A proposal to Expand the TDWG Data Standards Concept**
- **TOM - The TDWG Ontology Metamodel**

17:30 Close of day

Tuesday 17 October

General Session

09:15 Hot Topics & New Ideas (continued)

10:45 Coffee

11:15 Observations (Chair: Steve Kelling)

- Development of a Provisional Observation Data Standards Capable of Supporting Both Species-Based and Ecological Inventory and Monitoring Protocols
- Issues of Data Quality in Observational Datasets
- The Role of Negative Observation Data in Biodiversity Studies

13:00 Lunch

14:00 Imaging (Chair: Bob Morris)

- MorphBank's Approach to Determination Annotations of Specimen Images, Including the Results of User Trials
- Representing and Using Phylogenetic Characters in MorphBank
- The use of specimen label images for efficient data acquisition in research collections cataloguing

Discussion Forum (Chair: Neil Thomson)

- Biodiversity Heritage Library
- Other topics *ad hoc*

- **Botanicus.org: Prototyping a Web 2.0 Interface to Digitized Taxonomic Literature**
- **Digitizing the legacy literature of biodiversity: an introduction to the Biodiversity Heritage Library (BHL)**

15:30 Coffee

TDWG website usability test sessions – by appointment (**Chair: Rebecca Shapley**)
Orthwein Floral Display Hall

16:00 Subgroup Sessions (in parallel)

TNC (Chair: Jessie Kennedy)
Schoenberg Auditorium

NCD (Chair: Neil Thomson)
Botanical Room

NLBIF Metadatabase: an implementation based on NCD schema

17:30 Close of day

Wednesday 18 October

Please note that session details, timings and locations have changed. Please check at the Reception Desk for further information at the start of the day.

General Session

09:15 Poster & Computer Demonstration Session

Posters:

- A New Model for Descriptive Knowledge
- Benefits of OGC Compliant Standards and Tools for Biogeography Related Information Sharing
- CATE - Creating a Taxonomic e-Science
- Collaborative Georeferencing Using WASABI and GEOLocate
- Content Management System for Biodiversity Data Application - Experience in Taiwan
- DarwinCoPE, a proposed paleontological extension to DarwinCore 2
- "Fonoteca Zoologica" www.FonoZoo.com. The web-based animal sound library of the Museo Nacional de Ciencias Naturales (Madrid).
- Georeferencing specimens by combining expedition maps with Landsat 7, JERS-1 SAR and SRTM satellite imagery
- Introducing 'mx', a sharable digital workbench for systematic biologists
- Introduction of Korea National Biodiversity Information System
- NatureServe Vista: A GIS-Based Decision Support System for Conservation Planning
- The Global Invasive Species Information Network
- Prototyping a generic slice generation system for the GBIF index
- TDWG and the European Distributed Institute of Taxonomy
- UNIBIO: The Biodiversity Informatics Unit of the Autonomous University of Mexico
- Variable-level nomenclators

Computer Demonstrations:

- A Demonstration of the Atrium Biodiversity Information System
- Demonstration proposal: Using Google for biodiversity search features
- GOLDENGATE, Automation Support for XML Markup of Legacy Literature
- TaxonX: A Lightweight And Flexible XML Schema For Markup Of Taxonomic Treatments [Thursday afternoon session only]
- The Flora of California: Demonstration of Digital Innovations at the Jepson Flora Project

10:45 Coffee

11:15

Subgroup Sessions (in parallel) Locations TBA			Workshop (Chair: Kevin Richards) Schoenberg Auditorium - LSID and RDF Hands-on Tutorials Each topic (RDF, then LSIDs) will take approximately one hour, in consecutive sessions. Please contact the Kevin Richards to indicate which session(s) you wish to attend
Georeferencing Missouri Room	SDD Garden Room	Collections Interest Group Botanical Room	

13:00

"Leisure Afternoon" (See the Excursions Notice at the Registration Desk) 13:00 – Grand Tour departs – Prepaid tickets only, get box lunch on the tour, assemble in front of the main entrance at 12:45 13:30 – Guided walking tour of the Garden – Assemble on 2nd floor of Ridgway Center 14:00 – Guided tour of Herbarium/Library – Monsanto Center, 4500 Shaw Blvd Bus will shuttle between Garden and Hyatt all afternoon (13:00 – 18:00)	TAPIR protocol Training/Demonstration Schoenberg Auditorium
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18:00

Meet at the Hyatt Regency Hotel, travel by Metro to the "Becky Thatcher Riverboat" on the St. Louis waterfront for the TDWG Banquet (tickets in advance only). Riverboat boards at 19:00, casts off at 19:30 and docks back at the waterfront at 22:00.

Thursday 19 October

Symposium Session – Building Biodiversity Data Applications

09:15 Symposium – Taxonomy Session #1 (Chair: Jessie Kennedy)

- Managing inconsistent taxonomies
- EDIT

- **An Internet Platform for Cybertaxonomy**
- **Developing Uncertainty Measures Related to Taxonomic Determinations**
- **EDIT and the European taxonomic information services**
- **TAXI: A Framework for Synchronizing Taxonomic Change Across a Distributed Network**
- **The transition to taxon concepts in a world of legacy data**

10:45 Coffee

11:15 Symposium – Taxonomy Session #2 (Chair: Walter Berendsohn)

- ZooBank

- **3I: On-line Virtual Taxonomic Revisions**
- **A generic data import layer for the Berlin Taxonomic Information Model**
- **Federating taxonomic databases: progress with the Catalogue of Life Dynamic Checklist**
- **Untangling Names: Lessons Learned from the linking of IPNI and TROPICOS**
- **ZOOBANK - THE OPEN-ACCESS ANIMAL NAME REGISTRY**

Close of the Ballot on Constitutional and Infrastructure changes is 13:00

13:00

Lunch

TDWG website usability test sessions – by appointment
(Chair: Rebecca Shapley)
 Missouri+ Botanical Room

General Session

Subject to available space, all delegates are welcome to attend the TDWG Business Meeting but only paid-up TDWG members may vote

14:00 Business Meeting (Chair: Walter Berendsohn)

- Report of the Chair of the Executive Committee
- Treasurer's report
- Result of the Ballot on Constitutional and Infrastructure changes
- Election of officers
- TDWG meetings 2007 and 2008
- Other business (to be announced)

15:30

Coffee

TDWG website usability test sessions – by appointment
(Chair: Rebecca Shapley)
 Orthwein Floral Display Hall

16:00

Poster & Computer Demonstration Session
 (See Wednesday session for a list of Posters and Computer Demonstrations)

Executive Meeting
 (TDWG Executive members only)
 Missouri+Botanical Room

17:30

Close of day

Friday 20 October

Symposium Session – Building Biodiversity Data Applications

09:30 Symposium – Integrating and Sharing Biotic Information (Chair: Rebecca Shapley)

- DNA barcoding: bane or boon (or both) for taxonomy?
- Experiences on the Application of Services Oriented Approaches to the Federation of Heterogeneous Geologic Data Resources
- PyWrapper v2: toward a real open source community
- The New GBIF Data Portal - Web Services and Tools
- WASABI: Web Application for the Semantic Architecture of Biodiversity Informatics

10:45 Coffee

11:15 Symposium – “Boxed” Solutions (Chair: Reed Beaman)

- Specify Software Project - requirements, design, components and support.
- System Architecture of the Avian Knowledge Network

Symposium – Georeferencing (Chair: Reed Beaman)

- A Web Based GIS Tool for Exploring the World's Biodiversity: The Global Biodiversity Information Facility Mapping and Analysis Portal Application (GBIF MAPA)
- Providing Itinerary Related Datasets and Tools for Integration, Visualisation and Quality Check

13:00 Lunch

14:00 Symposium –General topics session #1 (Chair: Ricardo Pereira)

- Aligning Biodiversity Software with User Needs: An Industry and Market Analysis
- Development of information technologies for botanical gardens of Russia
- Taxonomic literature - standards and synergies
- The Growth of PLANTS
- The Importance of Standardization of the Data Format: A Case Study from the National Herbarium of the Netherlands

15:30 Coffee

16:00 Symposium – General topics session #2 (Chair: Greg Whitbread)

- The new Norwegian National Thesaurus of Species Names
- Tips for natural history institutions: Using Google to improve the flow of biological information
- Tracking our progress: improving the search for biological information online
- Wetland Information Network

17:30 Close of day

Posters must be removed by close of business today (Friday)

Saturday 21 October

Symposium Session – Building Biodiversity Data Applications

09:30 Symposium – Invasive Species (Chair: Annie Simpson)

- **Building Biodiversity Data Applications: (Introduction to 75 minute symposium)**
 - The Global Invasive Species Information Network
 - Socio-Technical issues in Invasive Species Data Exchange
- **Improving performance and access to DiGIR based data for applications including forecasting for invasive species ranges**
- **Non-functional requirements for invasive species data exchange**

10:45 Coffee

11:15 Symposium – Conservation (Chair: Silvio Olivieri)

12:15 Symposium – Issues Emerging during the Symposium and Summary (Chair: Stan Blum)

13:00 Lunch

General Session

14:00 Report on Subgroup activities during the week and Roadmaps (Chair: Adrian Rissoné)

15:30 Coffee

16:00 Summary of the Meeting (Chair: Walter Berendsohn)

17:30 Close of day

Sunday 22 October

Subgroup Session

09:30	Subgroup Sessions (in parallel as required) Orthwein Floral Display Hall	Executive Meeting (TDWG Executive members only) Missouri+Botanical Room
10:45	Coffee (Missouri+Botanical Room)	
11:15	Subgroup Sessions (in parallel as required) Orthwein Floral Display Hall	
13:00	Lunch(Missouri+Botanical Room)	
14:00	Subgroup Sessions (in parallel as required) Orthwein Floral Display Hall	
15:30	Coffee(Missouri+Botanical Room)	
16:00	Subgroup Sessions (in parallel as required) Orthwein Floral Display Hall	
17:30	Close of day	