

TDWG 2011, Astor Crowne Plaza, New Orleans

DRAFT PROGRAM (still subject to change; see date-stamp in page footer)

		Sunday, Oct 16	
	Room	Bourbon Room (w)	Tables outside conference rooms
1:00		Specify Training Workshop, 1-5 PM (Andy Bentley)	
4:00			Registration Opens @ 4 PM Avoid the line by checking in Sunday between 4 and 8
7:00- 10:00	Informal Reception (cash bar)		
	Monday AM PM Tuesday AM PM Wednesday AM PM Thursday AM PM Friday AM		
		Monday, Oct 17	
	Grand Ballroom C (w)		
8:00		Registration open all day, but preferred at breaks	
8:30	WELCOME		
8:45			
9:00			
9:15	The State of TDWG (Chuck Miller, TDWG Chair)		
9:30			
9:45	KEYNOTE PRESENTATION		
10:00	As digitization comes on line, what's in store for research?		
10:15	(Michael Donoghue)		
10:30			
10:45- 11:15		BREAK	Monday
	Grand Ballroom C (w)		
11:15	SYMPOSIUM: Digitization Portals and Information Interoperability (Riccardi & Cellinese - abstract)		

	GBIF (David Remsen)				
11:30	Atlas of Living Australia (Hobern)				
11:45	VertNet (Wieczorek)				
12:00	Biodiversity Information Serving Our Nation (BISON) (Guala- abstract)				
12:15	iDigBio (Fortes)				
12:30 - 2:00		LUNCH (Put Posters Up)			Monday
	Grand Ballroom C (w)	Bienville (w)	Grand Ballroom B	Bourbon Room (w)	St Louis
2:00	SYMPOSIUM: Dimensions of Digitization Workflows and Collaborative Cataloging (Beach- abstract) How Much Duplicate Botanical Data is Available for Digitization Reuse? (Granzow-de la Cerda)	NaviKey - a Java-based Application for Multi-access Taxon Identification (Triebel- abstract)	Interest Group: Taxonomic Names and Concepts (TNC) Interest Group: annual open meeting (Pyle & Blum- abstract)	Interest Group: Phylogenetics Standards: Steps toward a standard of Minimum Information About a Phylogenetic Analysis (MIAPA) (Lapp & Cellinese- abstract) See MIAPA wiki	Specify Drop-In Consultation (Andy Bentley)
2:15	Need for Speed: Fast Acquisition of Specimen Images, Barcode IDs and Label Data (Spears)	COMPUTER DEMO: Xper2: new features for an improved flexibility (Ung- abstract)			
2:30	Collaborative Cataloging and Reassembling Specimen Records using Scatter-Gather-Reconcile (Anhalt)	TraitNet Semantic Data Registry- Leveraging ontologies for smart data discovery (Ahrestani- abstract)			
2:45	Embedding Georeferencing within Digitization Workflows (Rios & Abibou)	COMPUTER DEMO: BHL-E / Schema Mapping Tool (Koller- abstract)			
3:00	Instrumenting Software to Support Collaborative Work of Digitization Networks (Spears)	COMPUTER DEMO: TapirDotNETxml - TAPIR compliant interface for XML data structure mapping (Blaa- abstract)			
3:15- 3:45		BREAK			Monday

	Grand Ballroom C (w)	Bienville (w)	Grand Ballroom B	Bourbon Room (w)	St Louis
3:45	Data Quality Resources in Species Occurrence Digitization (Koch-abstract)		Interest Group: Taxonomic Names and Concepts (TNC) Interest Group: annual open meeting (Pyle & Blum-abstract)	Interest Group: Phylogenetics Standards: Steps toward a standard of Minimum Information About a Phylogenetic Analysis (MIAPA) (Lapp & Cellinese-abstract)	Specify
4:00	Data Integrity Tools and Metadata Harmonisation in BHL-Europe (Koller & Rainer-abstract)				Drop-In
4:15	Georeferencing Integration: The GEOLocate Project (Rios-abstract)		Technical Architecture Group (TAG) Meeting (Whitbread)		Consultation (Andy Bentley)
4:30	Supporting red list threat assessments with GeoCAT: Geospatial Conservation Assessment Tool (de la Torre-abstract)			See MIAPA wiki	
4:45	GPS data collection methods for Paleanthropology: Examples from the Dikika Research Project geodatabase (Reed-abstract)				
5:00	From fisheries studies to biodiversity data sharing (Barde-abstract)				
5:15	COMPUTER DEMO: Georeferencing botanical data using text analysis tools (Llewelyn-abstract)				

Monday

Welcoming Social @ Tipitina's — Live Zydeco

233 N. Peters St.

Monday AM PM | Tuesday AM PM | Wednesday AM PM | Thursday AM PM | Friday AM

Tuesday, Oct 18

	Grand Ballroom C	Grand Ballroom A (w)	Bienville (w)	Bourbon Room (w)
8:30	New Methods for Streamlining Digitization at the New York Botanical Garden (Tulig & Tarnowsky-abstract)		Registration open at breaks	

8:45	Collecting quantitative metadata by counting all specimens in a herbarium (Desmet-abstract)			
9:00	Image workflow for the digitisation of herbarium specimens (Haston-abstract)			Interest Group: Phylogenetics Standards: Steps toward a standard of Minimum Information About a Phylogenetic Analysis (MIAPA) (Lapp & Cellinese-abstract)
9:15	Standardized Digital Imaging and Archiving Procedures - The New York Botanical Garden Herbarium (Bevans-abstract)			See MIAPA wiki
9:30	Image based Digitisation of Entomology Collections: Leveraging volunteers can significantly increase digitisation capacity (Flemons-abstract)		Islandora: a digital data repository for biodiversity resources (Leggott-abstract)	
9:45	Calbug: A case study of digitization challenges for entomology collections (Ball-abstract)	FishNet2 Deconstructed: An Overview of the Architecture and Features behind the FishNet2 Search Engine (Rios-abstract)	COMPUTER DEMO: Islandora: a digital data repository for biodiversity resources (Staples-abstract)	
10:00	The US Virtual Herbarium Project and iDigBio: Maximizing the benefits of digitizing herbaria (Barkworth et al.-abstract)	Darwin Core Engine (Steele-abstract)	Open Discussion: Islandora: a digital data repository for biodiversity resources (Leggott & Staples-abstract)	
10:15	Species-level versus Specimen-level Digitisation. Alternative Approaches to Digitise a Large Natural History Collection. (Hine-abstract)	COMPUTER DEMO: Cooking Class: Boiling Down ABCD to DarwinCore Archives (Holetschek-abstract)		
10:30	The Value and Challenge of Digitized Biological Media Specimens (Webster-abstract)	Darwin-SW: Darwin Core data for the Semantic Web (Webb-abstract)		
10:45-11:15		BREAK		Tuesday
	Grand Ballroom C	Grand Ballroom A (w)	Bienville (w)	Bourbon Room (w)
11:15	SYMPOSIUM: Annotations: No longer just a slip of paper... (Macklin-abstract)	Taking TL-2 online: A Linked Data Resource (Kalfatovic-abstract)	Interest Group: Geospatial data (Beaman)	Interest Group: Phylogenetics Standards: Steps toward a standard of Minimum Information About a Phylogenetic Analysis (MIAPA)

11:30	Annotating and ontologizing an identification key (Mast & Riccardi)	Bugwood Images: 17 years of archiving and leveraging digital imagery (Laforest-abstract)		(Lapp & Cellinese-abstract) See MIAPA wiki
11:45	Scribbles and Scraps: Darwin's Library and the Online Display of Annotated Biodiversity Literature (Freeland)	Comparison of performance in different data models for taxonomic databases (Vorwald-abstract)		
12:00	Annotations in the ALA - Lessons learned so far (Hobern)	Reconciling Non-Overlapping Coverage Among Downloadable Plant Names (Piel-abstract)		
12:15	AOD: Proposed Data Annotation Extensions to the W3C Incubation Group Annotation Ontology (AO) (B. Morris)	COMPUTER DEMO: Correcting and Standardizing Taxonomic Names with the Taxonomic Name Resolution Service (Matasci-abstract)		
12:30 - 2:00		LUNCH		Tuesday
	Grand Ballroom C	Grand Ballroom A (w)	Bienville (w)	RoomBourbon Room (w)
2:00	SYMPOSIUM: Building a Network of Genomic Observatories to Study the Role of Biodiversity in Local and Global Change The vision of a "Genomic Observatories" Network (Davies-abstract)	SYMPOSIUM: Global biodiversity informatics initiatives update GBIF: The challenges of intra- and interoperability (O Tuama)	Task Group: The Audubon Core Multimedia Resources Metadata Vocabulary (B. Morris-abstract)	Interest Group: Phylogenetics Standards: Steps toward a standard of Minimum Information About a Phylogenetic Analysis (MIAPA) (Lapp & Cellinese-abstract) See MIAPA wiki
2:15	CBOL - DNA Barcoding and Long-term Ecological Studies (Schindel)	Biodiversity Heritage Library: Toward a Global, Sustainable Resource (Ulate)		
2:30	Moorea BioCode: Whole Ecome Sequencing (Meyer)	Introducing Encyclopedia of Life version 2: International, personal, and reusable (Sims-Parr)		
2:45	The Western English Channel L4 Site: A Marine GO (Gilbert)	Atlas of Living Australia – integrated national biodiversity		

		information (Hobern)		
3:00	BiSciCol: from tracking biodiversity objects to brokering standards (towards a sustainable cyberinfrastructure for GOS (Deck)	ViBRANT: linking communities and services (Roberts)		
3:15 - 3:45		BREAK		Tuesday
	Grand Ballroom C	Grand Ballroom A (w)	Bienville (w)	Bourbon Room (w)
3:45	Virtual Herbaria (Rainer-abstract)	Enlisting the Use of Educated Volunteers at a Distance: Or, Why Crowdsourcing and Citizen Science Will NOT Create Nightmare Zombies That Will Destroy Us All (Thomer-abstract)	Task Group: The Audubon Core Multimedia Resources Metadata Vocabulary (B. Morris)	Interest Group: Phylogenetics Standards: Steps toward a standard of Minimum Information About a Phylogenetic Analysis (MIAPA) (Lapp & Cellinese-abstract)
4:00	The US Virtual Herbarium Project: building a national digital collection resource from the ground up (Barkworth-abstract)	Crowd sourcing record transcription to unlock historical species data from natural history collections (Hill-abstract)		See MIAPA wiki
4:15	Open Discussion: SYMBIOTA: Building Specimen-based Networks for Biodiversity Research (Barkworth-abstract)	Crowd-sourcing: perpetual valuable resource or a passing shower of dubious worth? (Flemons-abstract)		
4:30		COMPUTER DEMO: Chapter One: I am at the Mercy of the Crowd, in Which I am Forced to Build a Crowdsourcing Web Application Using Ruby on Rails in 15 Minutes (Kirchgeßner-abstract)		
4:45	Open Discussion: Sharing information on species interactions, phenology, identification, and checklists (Pickering - abstract)	Whole-drawer imaging for virtual management and curation of the Australian National Insect Collection (Mantle-abstract)		
5:00		COMPUTER DEMO: Encyclopedia of Life Version 2: Demo of New Tools and Features (Schulz-abstract)		
5:15				
5:30				

Grand Ballroom D

Bourbon Room

6:00-
6:30

See Poster Session

Easy mapping with CartoDB: how to make beautiful maps fast and easy
(de la Torre)

6:30-9:00

Monday AM PM | Tuesday AM PM | Wednesday AM PM | Thursday AM PM | Friday AM

Wednesday, Oct 19

Grand Ballroom C (w)

Grand Ballroom A (w)

Bienville (w)

Bourbon Room

8:30

**KEYNOTE PRESENTATION:
Collections, Cooperation,
Collaboration, Consequences
(Judy Skog-abstract)**

8:45

9:00

9:15

9:30

**SYMPOSIUM: Biodiversity
Informatics Research in Africa**
Update on the Central African
Biodiversity Information Network
(CABIN): A taste of Cyber-insects
from Africa (Cael-abstract)

Database Interoperability: The
Global Invasive Species Information
Network, providing the backbone
for invasive species information
sharing
(Simpson-abstract)

Interest Group: Biodiversity Genomics
Interest (BGIG) Group
(Deck-abstract)

Interest Group: Biological Descriptions
(formerly the Structure of Descriptive
Data
(Heidorn)

9:45

Lessons and Challenges in the
Digitalization of Biodiversity
Collections in Tanzania (Nyanandi)

EDDMapS: Aggregating and
delivering distribution data to
combat invasive species (Laforest-
abstract)

10:00

SANBI's in promoting biodiversity
information standards in South
Africa (Khatieb-abstract)

Interest Group: Invasive Species
Information Systems Interest and
Task Group Meeting
(Simpson-abstract)

10:15

Biodiversity information sharing
mechanisms: The case of the
Uganda Biodiversity Information
Facility (UgaBIF)
(Akampurira)

10:30

COMPUTER DEMO: The Royal
Museum for Central Africa
Cybertaxonomy portal and its
subdomains: an interconnected
helpdesk system and information
management tool
(Cael-abstract)

	BREAK			Wednesday
10:45-11:15	Grand Ballroom C (w)	Grand Ballroom A (w)	Bienville (w)	Bourbon Room
11:15	SYMPOSIUM: Not as easy as ABCD: The ADBC challenges (Cellinese & Riccardi-abstract) InvertNet—An Integrative Platform for Research on Environmental Change, Species Discovery and Identification (Raila)	Interest Group: Invasive Species Information Systems Interest and Task Group Meeting (Simpson-abstract)	Interest Group: Biodiversity Genomics Interest (BGIG) Group (Deck-abstract)	(Future) Interest Group: Biodiversity Information for Cooperation and Development (Mergen-abstract)
11:30	Plants, Herbivores and Parasitoids: A Model System for the Study of Tri-Trophic Associations (Tulig)			
11:45	North American Lichens and Bryophytes: Sensitive Indicators of Environmental Quality and Change (Corinna Gries)			
12:00	iDigBio: roles and goals (Greg Riccardi)			
12:15	Discussion			
12:30 - 2:00	LUNCH			
	Grand Ballroom C (w)	Grand Ballroom A (w)	Bienville (w)	Bourbon Room
2:00	SYMPOSIUM: The Biofinity Project—Open Source Tools and the Data Lifecycle The Biofinity Project (Scott-abstract)	SYMPOSIUM: Towards biodiversity data citation mechanism and services: Challenges and Potentials - 193 Data Citation for Biodiversity Data: the state-of-the-art (Chavan)	Task Group: RDF/OWL Best Practices Task Group (Sachs & Baskauf-abstract)	BiSciCol Plenary Meeting (Cellinese)
2:15	Integrating Open Tools for System Composition (Cottingham)	Thoughts on addressing data citation challenges: experiences of Vibrant project (Roberts)		

2:30	Intelligent User Interfaces for Data Sharing and Documentation (Eck)	Data Citation from the perspective of Scholarly Publisher (Penev)		
2:45	The Use of Biofinity in Outreach Activities (Brown)	Data Citation style and services for GBIF network (Chavan)		
3:00				
3:15 - 3:45	Excursions Depart		BREAK	Wednesday
			Bienville (w)	Bourbon Room
3:45			Task Group: RDF/OWL Best Practices Task Group	BiSciCol Plenary Meeting (Cellinese)
4:00				
4:15				
4:30				
4:45				
5:00				
5:15				
5:30				Wednesday
				Monday AM PM Tuesday AM PM Wednesday AM PM Thursday AM PM Friday AM
				Thursday, Oct 20
	Grand Ballroom C	Grand Ballroom A (w)	Bienville	Room
8:30				
8:45	BUSINESS			
9:00	MEETING			
9:15				
9:30	SYMPOSIUM: Establishing a support infrastructure for Knowledge Organisation Systems (KOS) in biodiversity informatics Introduction: the GBIF context (Ó Tuama-abstract)	Switching to the fast track: rapid digitization of the world's largest herbarium (Michiels-abstract)	Interest Group: Annotations (P.Morris-abstract)	
9:45	GBIF KOS task group report			

(B. Morris)

10:00	The GBIF KOS work programme: prioritised requirements and proposed solutions (Endresen)	BExIS - Biodiversity Exploratories Information System (Koenig-Ries et al.- abstract)
10:15	The GBIF Vocabularies Service (Remsen- abstract)	COMPUTER DEMO: The new BGBM Image Server: Management, Annotation and Publication (Roepert- abstract)
10:30	BioPortal as an ontology management system (Lapp)	COMPUTER DEMO: SilverMeasure: Server-side tiling and HTML 5 annotations of high resolution specimen images (Giddens- abstract)

10:45 -
11:15

BREAK

Thursday

Grand Ballroom C

Grand Ballroom A (w)

Bienville

Room

11:15	The TDWG Vocabularies (Hobern)	SYMPOSIUM: Integrating Collections Data with Broader Geospatial Data Communities and Research Introduction (Beach- abstract) A Web-services Architecture for Integrating Collections into Broader Research Communities (Stewart)	Interest Group: Annotations (P.Morris- abstract)
11:30	Managing the Darwin Core set of terms (Wieczorek)	Bridging Species Niche Modeling and Multi-Species Ecological Modeling and Analysis (Cavner)	
11:45	Discussion	Using Specimen Data in Scientific Workflow Environments to Connect to Metadata Archive and Discovery Services in Environmental Biology (Grady)	
12:00	ecoQuery: a Semantic extension to the ecoReleve platform (Chabaliere- abstract)	Discussion	
12:15	ENVIROFI - Bringing Biodiversity to the Future Internet	COMPUTER DEMO: Map of Life (Wieczorek- abstract)	

(Schleidt-abstract)

12:30 - 2:00		LUNCH		
	Grand Ballroom C	Grand Ballroom A (w)	Bienville	Room
2:00		TaxPub: An extension to the NLM/NCBI Journal Archiving DTD (Catapano-abstract)	Technical Architecture Group (TAG) (Whitbread)	Interest Group: Phylogenetics Standards Phylotransferencing (Cellinese & Lapp)
2:15		Data publishing from the viewpoint of a biodiversity publisher (Penev-abstract)		
2:30		New developments in the Integrated Taxonomic Information System (ITIS) (Guala-abstract)		
2:45		Catalogue of Life - building a taxonomic backbone for the world's biota		
3:00		(Bisby-abstract)		
3:15 - 3:30		BREAK		Thursday
	Grand Ballroom C	Grand Ballroom A (w)	Bienville	Room
3:45		A continuously updated All Genera Index: an achievable goal for Biodiversity Informatics? (Rees)	Technical Architecture Group (TAG) (Whitbread)	Interest Group: Phylogenetics Standards Phylotransferencing (Cellinese & Lapp)
4:00		OpenUp! Creating a cross-domain pipeline (Berendsohn-abstract)		
4:15		Common Names Services in OpenUp! (Rainer-abstract)		
4:30		Reflora - Historic Repatriation of Brazilian Flora (Zan-abstract)		
4:45		COMPUTER DEMO: Biodiversity Data Digitizer – A tool for a richer		

biodiversity data content
digitization (Saraivo-abstract)

5:00

SYNTHESYS II: Updating the
BioCAsE Technology Suite
(Holetschek-abstract)

5:15

PlantNote v2 – a new generation of
software for storage and exchange
of heterogeneous botanical data
(Liens et al.-abstract)

5:30

7:00-10:00

Conference Banquet @ Ernest Chicory
610 South Peters Street

Monday AM PM | Tuesday AM PM | Wednesday AM PM | Thursday AM PM | Friday AM

Friday, Oct 21

Grand Ballroom C

LIGHTNING TALKS

8:30

Apple Core: Darwin Core guidelines for herbaria (Macklin et al.-abstract)

8:35

The final frontier of taxonomic standards- descriptive content (Yoder-abstract)

8:40

Advances in Biodiversity Modeling: Development of Algorithms and Predictive Performance Analysis (Correa et al.-abstract)

8:50

Determining best practices for digitizing entomological collections (Seltmann et al.-abstract)

8:55

The Need for a Biological Images Archiving Site (Chapman-abstract)

9:00

Providing Digital Access to NatureServe's Biodiversity Reference Database: Report on a Project in Early Stages of Design (Reynolds & Morris-abstract)

9:05

Geomancer (Steele et al.-abstract)

9:10

Spatial Data Library (Wieczorek et al.-abstract)

9:15

Connecting Content (Russell)

9:20

Pollinator Information Network of the Americas: Vital Information for a Vital Ecological Service (Saraiva et al.-abstract)

9:25

Standards for a Superlative XML Schema (Cook-abstract)

9:30

Interest Group and

9:35

Task Group

9:40

Reports

9:45

9:50

9:55

10:00

10:15

10:30

10:45

BREAK

Friday

-11:00

11:15

Plenary Panel:

11:30

Taking TDWG Forward

11:45

12:00

Closing Remarks

12:15

12:30

Conference Close

TUESDAY, OCT 18 POSTER SESSION

6:00 PM-9:00 PM

PlutoF – cloud database and computing services for the biologist (Abarenkov & Kõljalg - [abstract](#))

Answering specific needs by adapting existant GBIF tools (Akbaraly et al.-[abstract](#))

Linking semantic phenotypes to character matrices and specimens (Balhoff et al.-[abstract](#))

VertNet: Distributed databases with backbone (Bloom et al.-[abstract](#))

A new open source identification key generation webservice (Burguiere et al.-[abstract](#))

Afrotropical bird content digitization at the RMCA: via LifeDesk to EOL (Cooleman et al.-[abstract](#))

Cybertaxonomic approach to revision of larger groups: 3i experience (Dmitriev & Dietrich-[abstract](#))

The BioDiscovery Smartphone App (Folch & Allcock-[abstract](#))

HelpingScience: Online service for processing label data from digital herbarium specimen sheets (Giddens-[abstract](#))

Biological collection data capture processes (Haston et al.-[abstract](#))

The Current Status and Management of the Korean National Biospecies Information System (Kim et al.-[abstract](#))

Integrating Biodiversity Heritage Literature into the EDIT Platform for Cybertaxonomy (Kohlbecker et al.-[abstract](#))

The BHL-Europe system architecture (Koller et al.-[abstract](#))

Radiation of beetles into cyberspace – two case studies of modelling taxonomic information (Laurenne et al.-[abstract](#))

Observing observations – an ontology-based approach for improving the reliability of biodiversity data (Laurenne et al.-[abstract](#))

GBIF France links with national programs : architecture and roadmap (Lebas et al.-[abstract](#))

Digitarium's Digitisation Process Used for the Natural History Collection Specimens (Lehtonen et al.-[abstract](#))

reBIND: Saving endangered data (Luther et al.-[abstract](#))

Glanville fritillary butterfly survey: database and software infrastructure (Meyke et al.-[abstract](#))

Implementation of a metadata catalogue system for the GBIF network (Robertson et al.-[abstract](#))

Pollinator Information Network of the Americas: Vital Information for a Vital Ecological Service (Saraiva et al.-[abstract](#))

Encyclopedia of Life Version 2: A Vision for a Global Collaborative Project (Schulz et al.-[abstract](#))

The Field Book Project: An Implementation of Natural Collections Descriptions (NCD) and Library Standards (Sheffield and Russell-[abstract](#))

The NEON Challenge: The Collection & Management of Continental-Scale Ecological Data and Biological Samples (Thibault-[abstract](#))

IndExs — an Online Thesaurus for Standard Bibliographic Data on Exiccatae in Botany and Mycology (Triebel et al.-[abstract](#))

Xper2: new features for an improved flexibility (Ung et al.-[abstract](#))

ezDBDB: an easy-to-use Distributed Biodiversity DataBase for the Semantic Web (Webb-[abstract](#))

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