Biodiversity Information Standards

TDWG

2015 Annual Conference

September 28, 2015 – October 1, 2015
Windsor Golf Hotel and Country Club
Nairobi, Kenya

Twitter: #TDWG15
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Karibu Kenya!

The TDWG 2015 Local Organizing Committee is pleased to welcome Biodiversity Information Standards for its first conference on the African Continent. More specifically, we welcome you to Magical Kenya, the jewel of East Africa, and its bustling capital city, Nairobi, with a national game park of its own and within a half day’s drive of Kenya’s most spectacular game parks. Enjoy a safari during your visit!

Conference Theme

Applications, Standards and Capacity Building for Sustaining Global Biodiversity

Conference Sub-themes:

- Digitization
- Semantic technologies
- Phyloinformatics
- Outreach and collaboration
- ePublications
- Trait data
- Conservation informatics
- Citizen science
# TDWG 2015 Local Organizing Committee (LOC) members

<table>
<thead>
<tr>
<th>Lucy Waruingi, LOC Chair</th>
<th>Executive Director, African Conservation Centre</th>
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<tbody>
<tr>
<td>Geoffrey Mwachala, Co-Chair</td>
<td>Director Research &amp; Collections, National Museums of Kenya</td>
</tr>
<tr>
<td>Victor Mose</td>
<td>Amboseli Conservation Program</td>
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<tr>
<td>Lawrence Monda</td>
<td>National Museums of Kenya</td>
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<tr>
<td>Francis Oguya</td>
<td>National Museums of Kenya</td>
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<tr>
<td>Emily Wabuye</td>
<td>National Museums of Kenya</td>
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<tr>
<td>Juliana Jebet</td>
<td>National Museums of Kenya</td>
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<tr>
<td>Edwardina Ndhine</td>
<td>National Commission for Science and Technology</td>
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<tr>
<td>Josephine Wairimu</td>
<td>University of Nairobi, Computer Science</td>
</tr>
<tr>
<td>Nelson Owour</td>
<td>University of Nairobi, Math Department</td>
</tr>
<tr>
<td>Patricia Karani</td>
<td>Event coordinator</td>
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# Program Committee

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<thead>
<tr>
<th>Hank Bart, Program Chair</th>
<th>Tulane University</th>
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<tbody>
<tr>
<td>Francis Oguya</td>
<td>National Museums of Kenya</td>
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<tr>
<td>Emily Wabuye</td>
<td>National Museums of Kenya</td>
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<tr>
<td>Cynthia Parr</td>
<td>National Agricultural Library, USDA</td>
</tr>
<tr>
<td>Anders Telenius</td>
<td>Swedish Museum of Natural History</td>
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<tr>
<td>Gail Kampmeier</td>
<td>University of Illinois</td>
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<tr>
<td>Victor Mose</td>
<td>Amboseli Conservation Program</td>
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# Symposia, Interest Groups, Workshops/Demos

## Symposia

<table>
<thead>
<tr>
<th>Convener(s)</th>
<th>Title/(ID)</th>
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<tbody>
<tr>
<td>Niall Beard, Anton Güntsch, James Macklin, Paul Morris</td>
<td>Biodiversity Informatics Services and Workflows (S01)</td>
</tr>
<tr>
<td>Dimitris Koureas</td>
<td>Professional and formal biodiversity informatics training as a key for capacity building: state-of-play, challenges (S02)</td>
</tr>
<tr>
<td>David Schindel</td>
<td>The Role of Data Standards in Real-World Applications using Biodiversity Information (S03)</td>
</tr>
<tr>
<td>Martin Kalfatovic, Carolyn Sheffield, Connie Rinaldo</td>
<td>BHL Africa: Assessing and Building Capacity for Global Access to Biodiversity Literature (S04)</td>
</tr>
<tr>
<td>Robert Stevenson, Hank Bart, Bob Morris, Victor Mose</td>
<td>The role of camera trap programs for biodiversity monitoring and conservation: Standards and practices for sharing data (S05)</td>
</tr>
<tr>
<td>Ramona Walls, Robert Guralnick, John Deck</td>
<td>Semantics for Sustaining Biodiversity(S06)</td>
</tr>
<tr>
<td>Hank Bart, Lucy Waruingi</td>
<td>Training and Collaboration for sustained African Engagement in Biodiversity Informatics (S07)</td>
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## Interest/Task Group meetings

<table>
<thead>
<tr>
<th>Group</th>
<th>Title</th>
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<tbody>
<tr>
<td>James Macklin</td>
<td>Biodiversity Services and Clients Interest Group (IG01)</td>
</tr>
<tr>
<td>John Deck</td>
<td>Genomic Biodiversity Working Group (IG02)</td>
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<tr>
<td>others TBD</td>
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## Workshops/Demos

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<thead>
<tr>
<th>Convener</th>
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<tbody>
<tr>
<td>Simon Rycroft</td>
<td>Scratchpads platform (W03)</td>
</tr>
<tr>
<td>Ramona Walls</td>
<td>Using iPlant's infrastructure for biodiversity research (W01)</td>
</tr>
<tr>
<td>Deb Paul, Libby Ellwood</td>
<td>Biodiversity Data Mobilization Models (W04)</td>
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</tbody>
</table>
Sponsors

Generous support for TDWG 2015 has been provided by the JRS Biodiversity Foundation through a grant to Henry L. Bart, Jr., of Tulane University. This award is enabling 35 of our colleagues from countries in sub-Saharan Africa to participate in TDWG 2015.

JRS Biodiversity Foundation

Additional financial and in-kind support has been provided by:

- African Conservation Centre
- Government of Kenya - Department of Remote Sensing and Resource Surveys
- University of Nairobi
- National Council for Science and Technology
Keynote Speakers

**Wilbur Ottichilo** is a Member of the Kenyan Parliament for Emuhaya Constituency in Western Kenya, a member of the Parliament’s Education, Science and Technology committee, and serves on the Parliamentary caucus on Renewable Energy and Climate Change. He formerly served as Director General of the Regional Center for Mapping Resources for Development (RCMRD), an affiliate institution of the United Nations Economic Commission for Africa (UNECA). He holds a Ph.D. from the Institute of Geo-Information and Earth Sciences in the Netherlands.

**Tanya Abrahamse** has for over 20 years played an acknowledged leadership role and reference point in key areas of South Africa’s socio-economic and political development - prior, during and after South Africa’s transition to democracy. Originally a natural scientist by training, she has been a policy and strategic leader in South Africa in the areas of development, tourism and biodiversity. She is currently CEO of the SA National Biodiversity Institute (SANBI), which sets the biodiversity agenda for the country, has managed to successfully raise the profile of the sector and its centrality to SA’s social and economic goals. She also sits on the UN Secretary General’s Inaugural Science Advisory Board which aims to bring science to bear on global sustainable development.
Selwyn Willoughby is Eastern and Southern Africa Technical Advisor for the International Union for Conservation of Nature’s Biodiversity and Protected Areas Management Programme (BIOPAMA), which aims to address threats to biodiversity in African, Caribbean and Pacific (ACP) countries, while reducing poverty in communities in and around protected areas. He provides information management, strategy development, training and workshop facilitation services to the organization. He has experience working throughout Africa, assembling teams to create innovative information management and systems solutions catered specifically to African needs. He is also a noted photographer.

David Western is chairman of the African Conservation Centre, Nairobi. He began research into savannas ecosystems at Amboseli in 1967, looking at the interactions of humans and wildlife. His work, unbroken since then, has served as a barometer of changes in the savannas and a test of conservation solutions based on the coexistence of people and wildlife. Western directed Wildlife Conservation Society programs internationally, established Kenya’s Wildlife Planning Unit, chaired the African Elephant and Rhino Specialist Group, and was founding president of The International Ecotourism Society, chairman of the Wildlife Clubs of Kenya, director of Kenya Wildlife Service and founder
of the African Conservation Centre in Nairobi. He is an adjunct professor in Biology at the University of California, San Diego. Western’s publications include *Conservation for the Twenty-first Century, In the Dust of Kilimanjaro*, and *Natural Connections: Perspectives in Community-based Conservation*. He is chief editor of the upcoming book, *Kenya’s Natural Capital: A Biodiversity Atlas*. He served on a government task force redrafting environmental legislation in line with the new Constitution of Kenya 2010. He received the World Ecology Award for 2010 and the 2012 Life-time Achievement Award for Ecotourism.

**Lucy Waruingi** is Executive Director of African Conservation Centre. She holds a B.Sc. in Computer Science and statistics from the University of Nairobi and a M.Sc. in Geographic Information Systems (GIS) from Manchester Metropolitan University (UK). She has long had interest in the management and interpretation of biological and environmental data for decision-making and informing initiatives that enhance local livelihoods in rich biodiversity areas. She is part of an East Africa regional effort to develop a framework for the mobilization of biodiversity information for the sustainable management of natural resources. Lucy is chair and founding member of the Kenyan Chapter of the Society for Conservation GIS, and a member of the Society for Conservation Int’l Board of Directors.
<table>
<thead>
<tr>
<th>Day 1, Monday, 28 September</th>
<th>Time</th>
<th>Activity</th>
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<tr>
<td>09:00 - 10:30</td>
<td>AM</td>
<td>Opening Session &amp; Keynote by Wilbur Ottichilo</td>
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<tr>
<td>11:00 - 12:30</td>
<td>PM</td>
<td>Sessions (Library Lounge)</td>
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<tr>
<td>14:00 - 15:30</td>
<td>AM</td>
<td>Sessions (Library Lounge)</td>
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<tr>
<td>16:00 - 17:30</td>
<td>PM</td>
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<tr>
<th>Day 2, Tuesday, 29 September</th>
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<th>Activity</th>
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<tr>
<td>09:00 - 10:30</td>
<td>AM</td>
<td>Keynotes by Tanya Abrahamse and Selwyn Willoughby</td>
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<tr>
<td>11:00 - 12:30</td>
<td>PM</td>
<td>Sessions (Library Lounge)</td>
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<tr>
<td>14:00 - 15:30</td>
<td>AM</td>
<td>Sessions (Library Lounge)</td>
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<tr>
<th>Day 3, Wednesday, 30 September</th>
<th>Time</th>
<th>Activity</th>
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<tr>
<td>09:00 - 10:30</td>
<td>AM</td>
<td>Sessions (Library Lounge)</td>
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<td>11:00 - 12:30</td>
<td>PM</td>
<td>Sessions (Library Lounge)</td>
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<tr>
<th>Day 4, Thursday, 1 October</th>
<th>Time</th>
<th>Activity</th>
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<tr>
<td>09:00 - 10:30</td>
<td>AM</td>
<td>Sessions (Library Lounge)</td>
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<td>11:00 - 12:30</td>
<td>PM</td>
<td>Sessions (Library Lounge)</td>
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<tr>
<th>Day 5, Friday, 2 October</th>
<th>Time</th>
<th>Activity</th>
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<tr>
<td>09:00 - 10:30</td>
<td>AM</td>
<td>Sessions (Library Lounge)</td>
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Social activities:
- Welcome reception at the Windsor hotel
- Welcome cocktail reception at the Windsor hotel
- Handson Cyberinfrastructure Workshop - iPlant Collaborative - not just for plants! Part I
- Handson Cyberinfrastructure Workshop - iPlant Collaborative - not just for plants! Part II

Breakout sessions locations:
- Plenary Tent
- Breakout 1 Tent
- Breakout 2 Tent
- Breakout 3 Tent
- Breakout 4 Tent
- Breakout 5 Tent
- Breakout 6 Tent
- Breakout 7 Tent
- Breakout 8 Tent

Registration:
- Sunday, 27 September 2015: 09:00 - 17:00
- Monday, 28 September 2015: 09:00 - 10:00
- Tuesday, 29 September 2015: 09:00 - 10:00
- Wednesday, 30 September 2015: 09:00 - 10:00
- Thursday, 1 October 2015: 09:00 - 10:00
- Friday, 2 October 2015: 09:00 - 10:00
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<tr>
<th>Day 2, Wednesday, 30 September</th>
<th>Time</th>
<th>Session</th>
<th>Activity</th>
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<tbody>
<tr>
<td>Night at the National Museum (Tour)</td>
<td>19:00</td>
<td>Social Functions</td>
<td>National Museum (Tour)</td>
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<tr>
<td>19:30</td>
<td>A Break (National Museum)</td>
<td>Economic Analysis and Policy Workshops</td>
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<tr>
<td>20:00</td>
<td>Closing Session</td>
<td>TDWG Business Meeting</td>
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<td>20:30</td>
<td>TDWG Conference Banquet, Safari Park Hotel</td>
<td>TDWG Conference Banquet, Safari Park Hotel</td>
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<th>Day 3, Thursday, 1 October</th>
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<th>Session</th>
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<tbody>
<tr>
<td>09:00</td>
<td>C03 - Biodiversity Informatics Tools for Protected Areas</td>
<td>C03 - Biodiversity Informatics Tools for Protected Areas</td>
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<tr>
<td>11:00</td>
<td>S04 - BHL African Access to Biodiversity Literature</td>
<td>S04 - BHL African Access to Biodiversity Literature</td>
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<td>14:00</td>
<td>PM Break (Library Lounge)</td>
<td>PM Break (Library Lounge)</td>
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<tr>
<td>15:00</td>
<td>C07 - Identity Management and Access to Biodiversity Literature</td>
<td>C07 - Identity Management and Access to Biodiversity Literature</td>
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<td>16:00</td>
<td>TDWG Executive Meeting</td>
<td>TDWG Executive Meeting</td>
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<tr>
<td>17:30</td>
<td>TDWG Executive Meeting</td>
<td>TDWG Executive Meeting</td>
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<tr>
<td>19:30</td>
<td>TDWG Conference Banquet, Safari Park Hotel</td>
<td>TDWG Conference Banquet, Safari Park Hotel</td>
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<tr>
<th>Day 4, Friday, 2 October</th>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>09:00</td>
<td>W04 - Biodiversity Data Mobilization Models</td>
<td>W04 - Biodiversity Data Mobilization Models</td>
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<tr>
<td>11:00</td>
<td>W05 - Scratchpads Training I</td>
<td>W05 - Scratchpads Training I</td>
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<tr>
<td>14:00</td>
<td>PM Break (Library Lounge)</td>
<td>PM Break (Library Lounge)</td>
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<tr>
<td>15:00</td>
<td>W06 - Scratchpads Training II</td>
<td>W06 - Scratchpads Training II</td>
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<tr>
<td>16:00</td>
<td>W07 - Scratchpads Training III</td>
<td>W07 - Scratchpads Training III</td>
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<tr>
<td>19:30</td>
<td>TDWG Conference Banquet, Safari Park Hotel</td>
<td>TDWG Conference Banquet, Safari Park Hotel</td>
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TDWG 2015 Conference Schedule
Day, Time, Session, Room, Presenters

SUNDAY, 2015-09-27

09:00 AM - 05:00 PM TDWG Executive Meeting (B Center)

03:30 PM - 05:00 PM Conference Registration: Register on-site or pick up your registration materials for prepaid registrants in the Windsor Lobby. Purchase banquet tickets here.

07:00 PM - 10:00 PM Informal Meet & Greet Social: A no-host ice-breaker social will be held in the Conference Pre-function area adjacent to the Library Bar and Lounge.

MONDAY, 2015-09-28

08:00 AM - 10:00 AM Conference Registration: Register on-site or pick up your registration materials for prepaid registrants in the Windsor Lobby. Purchase banquet tickets here.

09:00 AM - 10:30 AM - Opening Session (Oak Room)

General Welcome - Ms. Lucy Waruingi, African Conservation Center

Opening remarks – Mr. John Sergon. Ministry of Information, Communication and Technology

Opening remarks - Dr. Edwardina Ndhine, National Council for Science and Technology

Opening remarks - Mr. Gideon Gathaara, Ministry of Environment
Opening remarks: Cabinet Secretary, Cabinet Secretary, Hon Hassan Wario, Ministry of Sports, Culture, and the Arts

Keynote Speaker - Dr. Wilbur Ottichilo
Use of biodiversity informatics in the nexus of policy and science for action and impact

TDWG President Address - Dr. Cynthia Parr

10:30 AM - 11:00 AM - Monday Morning Break & Poster Viewing (Library Lounge)

S07 - TRAINING AND COLLABORATION FOR SUSTAINED AFRICAN ENGAGEMENT IN BIODIVERSITY INFORMATICS (OAK ROOM)

11:00 AM - 11:15 AM 848. AFRICA RISING: HARNESING THE MOMENTUM. Russell Galt

11:15 AM - 11:30 AM 794. BIODIVERSITY INFORMATION FOR DEVELOPMENT. Siro Masinde, Olaf Bánki, Donald Hobern

11:30 AM - 11:45 AM 867. BIODIVERSITY INFORMATION: TRAINING AND COLLABORATIONS ACROSS BORDERS. Patricia Mergen, Larissa Smirnova, Franck Theeten

11:45 AM - 12:00 PM 910. BUILDING CAPACITY VIA IN-PERSON TRAINING AND ONLINE DIGITAL MATERIALS: THE BIODIVERSITY INFORMATICS TRAINING CURRICULUM. A. Townsend Peterson

12:00 PM - 12:15 PM 888. BARCODE OF WILDLIFE PROJECT KENYA (BWPK): PARTNERSHIP IN COMBATING WILDLIFE CRIME. Beatrice Nangami Khayota, Ann Mwaura

12:15 PM - 12:30 PM 852. A ROADMAP FOR SUSTAINING AFRICAN PARTICIPATION IN TDWG CONFERENCES BEYOND 2015. Henry L. Bart
12:30 PM - 02:00 PM – Lunch

S03 - THE ROLE OF DATA STANDARDS IN REAL-WORLD APPLICATIONS USING BIODIVERSITY INFORMATION (OAK ROOM)

02:00 PM - 02:15 PM 889. APPLICATION OF THE BARCODE DATA STANDARD: THE BARCODE OF WILDLIFE PROJECT FOR ENDANGERED SPECIES. David E. Schindel

02:15 PM - 02:30 PM 897. BARCODE OF WILDLIFE PROJECT KENYA DATA STANDARD. Ann Mwaura, Josephine Sarah Kunguni, Daniel Masiga, Beatrice Nangami Khayota, Ruth mwende Mumo

02:30 PM - 02:45 PM 899. ROLE OF BIODIVERSITY INFORMATICS IN COMBATING WILDLIFE CRIME IN KENYA. Henry Kamau Ndithia, Ann Mwaura, Esther Mwangi

02:45 PM - 03:00 PM 902. END OF THE ROAD FOR ILLEGAL BUSHMEAT TRADE IN EAST AFRICA: TRANSBOUNDARY SURVEILLANCE BY HIGH RESOLUTION MELTING ANALYSIS OF VERTEBRATE MOLECULAR BARCODES. Lillian Wambua, Jandouwe Villinger, Moses Yongo Otieno, Maamun Jeneby, Morris Kilewo, David Schindel, Miller Scott

03:00 PM - 03:30 PM 925. OPEN DISCUSSION. David E. Schindel

03:30 PM - 04:00 PM Monday Afternoon Break & Poster Viewing (Library Lounge)

C04 - USING BIODIVERSITY INFORMATICS TOOLS FOR MANAGEMENT (OAK ROOM)

04:00 PM - 04:15 PM 860. PROMOTING SNAIL-BORNE DISEASE CONTROL THROUGH BIOINFORMATICS STUDIES IN KENYA. Charles Lange

04:15 PM - 04:30 PM 838. THE HUNT FOR BIODIVERSITY INFORMATION GAPS. Arturo H. Ariño, Javier Otegui
04:30 PM - 04:45 PM 778. APPLICATION OF GEO-INFORMATICS AND REMOTE SENSING TO BIODIVERSITY CONSERVATION AND DENSITY PATTERNS IN SHASHA FOREST RESERVE, NIGERIA. Ige Peter Oluwagbemiga

04:45 PM - 05:00 PM 866. SUSTAINING PRACTICAL BIODIVERSITY INFORMATICS INITIATIVES FOR DECISION SUPPORT IN NATURAL RESOURCES MANAGEMENT SECTOR, RWANDA. Prosper Karame

05:00 PM - 05:15 PM 793. INDEXMED, A CONSORTIUM CHARGED WITH THE TASK OF INDEXING MEDITERRANEAN BIODIVERSITY DATA, A NEW WAY FOR DATAMINING IN ECOLOGY. Romain DAVID, Jean-Pierre Feral

05:15 PM - 05:30 PM 839. EAST AFRICAN COMMUNITY REGIONAL REFERENCE INFORMATION SYSTEM. Selwyn Willoughby, Beryl Nyamgeroh

C02 - BIODIVERSITY INFORMATICS TOOLS FOR SYSTEMATICS (ACACIA TENT)

04:00 PM - 04:15 PM 781. AUTOMATING REVISIONARY SYSTEMATIC STUDIES WITH MONOGRAPHIA. Damon P Little

04:15 PM - 04:30 PM 806. A PARTICIPATORY TAXONOMIC NAME CURATION INTERFACE TO RESOLVE AND AGGREGATE SPECIES LISTS FOR INDIA. Thomas Vattakaven

04:30 PM - 04:45 PM 913. A STANDARDIZED REFERENCE DATA SET FOR VERTEBRATE TAXON NAME RESOLUTION. Paula F. Zermoglio, Robert P. Guralnick, John R. Wieczorek

04:45 PM - 05:00 PM 818. A MULTIACCESS IDENTIFICATION KEY WEBSERVICE USING A LEARNING PROCESS. Regine Vignes-Lebbe, Vincent Rolland, René Zaragueta

05:00 PM - 05:15 PM 788. A WIKI BASED PORTAL TO THE BIODIVERSITY KNOWLEDGE GRAPH. Joel Sachs, James Macklin
05:15 PM - 05:30 PM 817. BEXIS 2: A PLATFORM FOR MANAGING HETEROGENEOUS BIODIVERSITY DATA AND PROJECTS. Roman Gerlach, David Blaa, Javad Chamanara, Martin Hohmuth, Nafiseh Navabpour, Sven Thiel, Birgitta König-Ries

W01 - HANDS-ON CYBERINFRASTRUCTURE WORKSHOP - IPLANT COLLABORATIVE - NOT JUST FOR PLANTS! PART 1 (FLAMINGO TENT)

04:00 PM - 05:30 PM Ramona L. Walls

06:30 PM - 08:30 PM Welcome Reception: Hosted welcome cocktail reception for all conference attendees, Karura Forest Windsor Hotel.

TUESDAY 2015-09-29

08:00 AM - 10:00 AM - Registration: Register on-site or pick up your registration materials for prepaid registrants in the Windsor Lobby. Purchase banquet tickets here.

09:00 AM – 10:30 AM PLENARY SESSION (OAK ROOM)

09:00 AM – 09:15 AM – Announcements

09:15 AM - 09:45 AM 922. BIODIVERSITY INFORMATICS IN MEETING SUSTAINABLE DEVELOPMENT CHALLENGES IN AFRICA. Tanya Abrahamse

09:45 AM - 10:15 AM 923. BIODIVERSITY AND PROTECTED AREAS MANAGEMENT PROGRAMME (BIOPAMA). Selwyn Willoughby

10:30 AM - 11:00 AM - Morning Break & Poster Viewing

S02 - FORMAL BIODIVERSITY INFORMATICS TRAINING AS KEY FOR CAPACITY BUILDING: STATE-OF-PLAY, CHALLENGES AND OPPORTUNITIES (OAK ROOM)

11:00 AM - 11:15 AM 815. TEACHING BIODIVERSITY DATA MANAGEMENT TO COMPUTER SCIENCE AND GEOGRAPHY STUDENTS –
AN EXPERIENCE REPORT. Roman Gerlach, Birgitta König-Ries, Christiane Schmullius, Sören Hese

11:15 AM - 11:30 AM 905. ENGAGING AND TRAINING IDIV RESEARCHERS IN BIODIVERSITY DATA MANAGEMENT. Jitendra Gaikwad, Birgitta König-Ries

11:30 AM - 11:45 AM 916. THE ROLE OF OUTREACH AND NETWORKS IN ADDRESSING CAPACITY NEEDS IN BIODIVERSITY DOCUMENTATION IN EAST AFRICA. Wanja Kinuthia, Victor Wasonga, Jane Muthoni Macharia

11:45 AM - 12:00 PM 891. INTRODUCING DATA TRAINING PROGRAMMES IN LARGE NATURAL HISTORY MUSEUMS TO TACKLE THEIR DIGITAL CHALLENGES. Dimitrios Koureas, Clare Valentine

12:00 PM - 12:15 PM 791. MORE DATA THAN WE KNOW WHAT TO DO WITH? BIODIVERSITY INFORMATICS SKILLS NEEDS IN THE RESEARCH DATA PIPELINE. Deborah Paul, François Michonneau, Katja Seltmann

12:15 PM - 12:30 PM 914. DISCUSSION ON THE CHALLENGES OF BIODIVERSITY INFORMATICS TRAINING. Dimitrios Koureas

W01 - HANDS-ON CYBERINFRASTRUCTURE WORKSHOP - IPLANT COLLABORATIVE - NOT JUST FOR PLANTS! PART 2 (FLAMINGO TENT)

11:00 AM - 12:30 PM Ramona L. Walls

12:30 PM - 02:00 PM – Lunch

S06 - SEMANTICS FOR SUSTAINING BIODIVERSITY (ACACIA TENT)

02:00 PM - 02:15 PM 884. WHAT DO WE REALLY MEASURE, WHEN WE MEASURE CHARACTERISTICS OF ORGANISMS? Ramona L. Walls, Pier Luigi Buttigieg, Simon Cox, Robert Guralnick, Matt Jones, Werner Kuhn, Mark Schildhauer, Adam Shepherd

02:15 PM - 02:27 PM 883. SEMANTICS AND TOOLS FOR BRIDGING THE GAP BETWEEN SPECIMEN AND SPECIES-BASED TRAIT DATA ASSEMBLY AND USE. Rob Penn Guralnick
02:27 PM - 02:39 PM  890. AN ONTOLOGY-BASED SYSTEM FOR QUERYING LIFE IN A POST-TAXONOMIC AGE. Nico Cellinese, Hilmar Lapp

02:39 PM - 02:53 PM  796. ENVIRONMENTAL SEMANTICS IN SUPPORT OF SUSTAINING BIODIVERSITY. Pier Luigi Buttigieg

02:53 PM - 03:07 PM  831. UNLOCKING KNOWLEDGE IN BIODIVERSITY LEGACY LITERATURE THROUGH AUTOMATIC SEMANTIC METADATA EXTRACTION. Riza Batista-Navarro, William Ulate, Jennifer Hammock, Georgios Kontonatsios, Trish Rose-Sandler, Sophia Ananiadou

03:07 PM - 03:21 PM  783. FORMULATING THE KNOWLEDGE REPRESENTATION REQUIREMENTS TO PERFORM HIGH-LEVEL REASONING OVER FLOWER-VISITING DATA. Willem Coetzer, Deshendran Moodley, Aurona Gerber

03:21 PM - 03:30 PM  824. MANAGING DATA FROM FIELD TO PUBLICATION: USING A FIELD INFORMATION MANAGEMENT SYSTEM. John Deck

W04 - BIODIVERSITY DATA MOBILIZATION MODELS I (OAK ROOM)

02:00 PM - 02:30 PM  840. CROWDSOURCING BIODIVERSITY DATA MOBILIZATION. Libby Ellwood

02:30 PM - 03:00 PM  784. OPENHERBARIUM: FILLING THE GAPS IN BIODIVERSITY DATA. Mary E Barkworth, Curtis Dyreson, Edward Gilbert

03:00 PM - 03:30 PM  850. DATA CARPENTRY: ONE COMPREHENSIVE MODEL FOR TEACHING BIODIVERSITY INFORMATICS DATA MANAGEMENT, RESEARCH SKILLS, AND TRAINING INSTRUCTORS. Deborah Paul, Tracy K Teal

03:30 PM - 04:00 PM - Afternoon Break & Poster Viewing

W04 - BIODIVERSITY DATA MOBILIZATION MODELS II (OAK ROOM)
04:00 PM - 04:30 PM 881. A SIMPLE MODEL FOR LARGE-SCALE DATA MOBILIZATION ACROSS A DIVERSE ORGANISATION. Nicky Nicolson

04:30 PM - 05:00 PM 911. CAPACITY BUILDING FOR BIODIVERSITY INFORMATICS: THE EXPERIENCE OF THE NATIONAL BIODIVERSITY CENTRE, MINISTRY OF AGRICULTURE AND FORESTS, BHUTAN. Sangay Dema

05:00 PM - 05:15 PM 856. OVERCOMING THE MAIN CHALLENGES TO SUSTAINABLE BIODIVERSITY DATA MOBILIZATION IN BENIN. Jean Cossi Ganglo

05:15 PM - 05:30 PM 912. DISCUSSION: W04 BIODIVERSITY DATA MOBILIZATION MODELS. Deborah Paul, Libby Ellwood

IG02 - GENOMIC BIODIVERSITY INTEREST GROUP (GBWG)

04:00 PM - 05:30 PM 917. GENOMIC BIODIVERSITY WORKING INTEREST GROUP (GBWG) MEETING. John Deck, Ramona Walls
Room: Acacia Tent

07:00 PM - 10:00 PM Night at the Museum: Tour of the Nairobi National Museum.

WEDNESDAY, 2015-09-30

08:00 AM - 10:00 AM - Registration: Register on-site or pick up your registration materials for prepaid registrants in the Windsor Lobby. Purchase banquet tickets here.

09:00 AM - 10:30 AM PLENARY SESSION (OAK ROOM)

09:00 AM - 09:30 AM 924. BUILDING BIODIVERSITY KNOWLEDGE FROM THE GROUND UP! David Western, Lucy Waruingi

09:30 AM – 10:30 AM – Collaboration Incubator – Open discussion of grant funding organizations and opportunities for collaborative biodiversity informatics research in Sub-Saharan Africa and involving Sub-Saharan Africans.
10:30 AM - 11:00 AM Morning Break & Poster Viewing

C05 - DIGITIZATION AND DATA PUBLISHING (OAK ROOM)

11:00 AM - 11:15 AM 807. DIGITIZATION OF FOREST HERBARIUM IBADAN (FHI) COLLECTIONS. Peter Edemewe Ugege, Omokafe Alaba Ugbohu

11:15 AM - 11:30 AM 879. COMPUTERIZATION OF THE NATIONAL HERBARIUM AND BOTANIC GARDEN SPECIMEN COLLECTION. Anthony Mapaura

11:30 AM - 11:45 AM 873. CURATING, DIGITIZING, SHARING AND PUBLISHING BIODIVERSITY DATA: NATURAL HISTORY MUSEUM OF ZIMBABWE’S JOURNEY. Kudzai Mafuwe, Dorothy Madamba

11:45 AM - 12:00 PM 792. THE SCOPE OF AFRICAN SPECIES DATA PUBLISHED THROUGH GBIF. Siro Masinde

12:00 PM - 12:15 PM 808. ATLAS OF LIVING AUSTRALIA: A MODULAR DATA PORTAL FRAMEWORK FOR NATIONAL NEEDS. Marie-Elise Lecoq

12:15 PM - 12:30 PM 844. AG DATA COMMONS: ADDING VALUE TO OPEN AGRICULTURAL RESEARCH DATA. Cynthia S Parr

C01 – GENETIC RESOURCE PRESERVATION (ACACIA TENT)

11:15 AM - 11:30 AM 821. THE WORLD FLORA ONLINE PROJECT: ACHIEVING TARGET 1 OF THE GLOBAL STRATEGY FOR PLANT CONSERVATION. Chuck Miller

11:30 AM - 11:45 AM 825. AN INFORMATION MANAGEMENT SYSTEM TO ENHANCE CONSERVATION AND USE OF PLANT GENETIC RESOURCES. Joseph Ndungu Kimani, Desterio Ondieki Nyamongo
11:45 AM - 12:00 PM 930. THE GLOBAL GENOME BIODIVERSITY NETWORK: LEVERAGING DNA AND TISSUE COLLECTIONS GLOBALLY. Gabriele Droege, Katharine Barker, Walter G. Berendsohn

12:00 PM - 12:15 PM 846. USING GENE BANK AND HERBARIUM DATABASES TO GUIDE PLANNING OF COLLECTING EXPEDITIONS: A CASE STUDY OF THE TOP FIVE GENERA AT THE GENETIC RESOURCES RESEARCH INSTITUTE, KENYA. Joseph Ireri Kamau, Desterio Ondieki Nyamongo, Patrick Nthusi Muthoka, Paul Muigai Kirika, Joseph Ndungu Kimani

W03 – SCRATCHPADS TRAINING I (FLAMINGO TENT)

11:00 AM - 12:30 PM 780 (ABSTRACT). Simon David Rycroft

12:30 PM - 02:00 PM – Lunch

S01 - BIODIVERSITY INFORMATICS SERVICES AND WORKFLOWS (OAK ROOM)

02:00 PM - 02:15 PM 819. FP-AKKA: EXPERIENCES AND CHALLENGES IN INTEGRATING SCIENTIFIC WORKFLOWS FOR DATA QUALITY CONTROL WITH BIODIVERSITY SERVICES. Paul J Morris, Lei Dou, James Hanken, Sven Koehler, David Lowery, Bertram Ludäscher, James A. Macklin, Timothy M. McPhillips, Robert A. Morris, Tianhong Song

02:15 PM - 02:30 PM 842. MEETING REQUIREMENTS – EVOLUTION OF THE EDIT PLATFORM SERVICE INFRASTRUCTURE. Andreas Müller, Andreas Kohlbecker, Cherian Mathew, Anton Güntsch

02:30 PM - 02:45 PM 832. BIODIVERSITY CATALOGUE: FIRST CLASS SUPPORT FOR GEOGRAPHIC WEB SERVICES. Niall Beard

02:45 PM - 03:00 PM 829. STRINGS TO THINGS: A USER-FRIENDLY FRAMEWORK FOR DATA RECONCILIATION. Nicky Nicolson

03:00 PM - 03:15 PM 802. ANNOSYS – A GENERIC ONLINE ANNOTATION SYSTEM FACES NEW CHALLENGES. Lutz Suhrbier, Wolf-Henning Kusber, Anton Güntsch, Walter Berendsohn
03:15 PM - 03:30 PM 822. DATA CLEANING WITH THE KURATOR TOOLKIT: BRIDGING THE GAP BETWEEN CONVENTIONAL SCRIPTING AND HIGH-PERFORMANCE WORKFLOW AUTOMATION. Timothy McPhillips, David Lowery, James Hanken, Bertram Ludäscher, James A. Macklin, Paul J. Morris, Robert A. Morris, Tianhong Song, John Wieczorek

C06 - CITIZEN SCIENCE (ACACIA TENT)

02:00 PM - 02:15 PM 864. TAXAB29: FROM TAXONOMIC DATABASES TO IDENTIFICATIONS IN THE FIELD. Kagiso Mangwale

02:15 PM - 02:30 PM 896. THE ARCHITECTURE OF A BIODIVERSITY INFORMATICS PLATFORM. Prabhakar Rajagopal, Balasubramanian Dandapani

02:30 PM - 02:45 PM 795. MAPPING LIFE: QUALITY ASSESSMENT OF NOVICE AND COMPUTER AUTOMATED VS. EXPERT GEOREFEERENCES. Libby Ellwood, Henry Bart, Michael Doosey, Dean Jue, Gil Nelson, Nelson Rios, Austin Mast

02:45 PM - 03:00 PM 918. NOTES FROM NATURE: ADVANCING A NEXT GENERATION CITIZEN SCIENCE PLATFORM FOR BIODIVERSITY TRANSCRIPTION. Rob Penn Guralnick, Michael W. Denslow, Austin Mast

03:00 PM - 03:15 PM 775. CITIZEN SCIENCE FOR WEED KNOWLEDGE IN WESTERN INDIAN OCEAN AND SOUTHERN AFRICAN REGION. Balasubramanian Dhandapani, Pierre GRARD, Thomas Le Bourgeois, Ramesh BR, Pascal Marnotte, Azaad Guangoo, Alain Paul Andrianaivo, Jean Augustin Randriamampianina, Yahaya Ibrahim, Sathish M, Karthik Yeruva

W03 – SCRATCHPADS TRAINING II (FLAMINGO TENT)

02:00 PM - 03:30 PM 780. Simon David Rycroft

03:30 PM - 04:00 PM - Afternoon Break & Poster Viewing

S05 - The Role of Camera traps for Biodiversity Monitoring and Conservation (OAK ROOM)

04:00 PM - 04:15 PM 901. EMAMMAL CITIZEN SCIENCE CAMERA TRAPPING – COLLECTING BIG DATA TO ANSWER WILDLIFE QUESTIONS. Stephanie Grace Schuttler, William McShea, Robert
Costello, Tavis Forrester, Megan Baker, Elizabeth Kalies, Arielle Parsons, Zhihai He, Joshua Millspaugh, Tony Han, Roland Kays

04:15 PM - 04:30 PM 906. AN OPEN ACCESS WILDLIFE CONSERVATION SOCIETY CAMERA TRAP DATABASE FOR BIODIVERSITY CONSERVATION. Timothy Gregory O'Brien, Jonathan Palmer, Liling Choo

04:30 PM - 04:45 PM 909. DETERMINING CARNIVORE DISTRIBUTION AND INCENTIVISING COMMUNITY CONSERVATION THROUGH CAMERA-TRAPPING IN TANZANIA'S RUAHA LANDSCAPE. Amy Jane Dickman

04:45 PM - 05:00 PM 920. THE TEAM NETWORK AND WILDLIFE INSIGHTS: PROVIDING NEW TOOLS AND SOLUTIONS TO THE CAMERA TRAPPING COMMUNITY. Jorge Ahumada, Eric Fegraus, James MacCarthy, Tavis Forrester, Patrick Jansen, William McShea, Beth Stern, Roland Kays, LiLing Choo, Tim O'Brien, Jonathan Palmer, Olivia Needham

05:00 PM - 05:15 PM 919. APPLICABILITY OF AUDUBON CORE TO CAMERA TRAP DATA. Robert A Morris, Robert D. Stevenson

05:15 PM - 05:30 PM – CAMERA TRAPS OPEN DISCUSSION

IG01 - Biodiversity Services & Clients Interest Group (ACACIA TENT)

04:00 PM - 05:30 PM 893. BIODIVERSITY SERVICES AND CLIENTS INTEREST GROUP MEETING. James Alexander Macklin
Room: Acacia Tent

W03 – SCRATCHPADS TRAINING III (FLAMINGO TENT)
04:00 PM - 05:30 PM 780 (ABSTRACT). Simon David Rycroft

THURSDAY, 2015-10-01

08:00 AM - 10:00 AM - Registration: Register on-site or pick up your registration materials for prepaid registrants in the Windsor Lobby. May still be able to purchase tickets here for tonight's banquet at the Safari Park Hotel.

C03 - BIODIVERSITY INFORMATICS TOOLS FOR PROTECTED AREAS CONSERVATION (OAK ROOM)
09:00 AM - 09:15 AM 790. IDENTIFICATION OF NEW AREAS FOR BOTANICAL INVENTORY IN KIVU, DEMOCRATIC REPUBLIC OF CONGO. Jean Claude Ithe Mwanga Mwanga, Dumbo Wabika, Balola Kashemwa, Franck Theeten, Patricia Mergen, Ntore Salvator, Steven Dessein

09:15 AM - 09:30 AM 820. DIGITAL KNOWLEDGE OF KENYAN SUCCULENT FLORA AND PRIORITIES FOR FUTURE INVENTORY AND DOCUMENTATION. Emily Wabuyele

09:30 AM - 09:45 AM 876. CONTRIBUTION TO THE STUDY OF THE IMPORTANCE OF THE MALAGASY FLORA CONSERVATION BY THE NEW PROTECTED AREAS NETWORK. Tantely Raminosoa

09:45 AM - 10:00 AM 809. USING BIODIVERSITY INFORMATION SYSTEMS AND GEOSPATIAL APPLICATIONS FOR PROTECTED AREAS MANAGEMENT IN BANGLADESH. Md. Rahimullah Miah, Alexander Kiew Sayok, Dr Ahi Sarok, Mohammad Belal Uddin

10:00 AM - 10:15 AM 798. APPLICATION OF REMOTE SENSING AND GIS IN FLOOD AND EROSION CONTROL: CASE OF IBADAN NORTH WEST. Ckukwuka Friday Agbor, John O. Aigbokhan, Idowu S. Adamu

10:15 AM - 10:30 AM 782. FRAGMENTATION AND ISOLATION OF THE ENDANGERED NILE LECHWE (KOBUS MEGACEROS) IN WESTERN ETHIOPIA: EVIDENCE FROM AERIAL SURVEYS AND GPS COLLARING DATA. Kasahun Abera Legesse

10:30 AM - 11:00 AM - Morning Break & Poster Viewing

S04 - BHL AFRICA: ASSESSING & BUILDING CAPACITY FOR GLOBAL ACCESS TO BIODIVERSITY LITERATURE (OAK ROOM)

11:00 AM - 11:15 AM 837. 2015 BIODIVERSITY HERITAGE LIBRARY (BHL) UPDATE. Martin Kalfatovic

11:15 AM - 11:30 AM 836. AN OVERVIEW OF THE GLOBAL BIODIVERSITY HERITAGE LIBRARY (BHL). Constance Rinaldo
11:30 AM - 11:45 AM 833. BHL-AFRICA: SCANNING LOCALLY, COLLABORATING GLOBALLY TO CREATE A GLOBAL BIODIVERSITY HERITAGE LIBRARY. Anne-Lise Fourie

11:45 AM - 12:00 PM 823. BHL WORKSHOPS FOR COLLABORATING ACROSS A GLOBAL CONSORTIUM. Carolyn Sheffield

12:00 PM - 12:15 PM 834. ENGAGING THE CITIZEN SCIENTIST IN CONTENT ENHANCEMENT FOR THE BIODIVERSITY HERITAGE LIBRARY. Trish Rose-Sandler, William Ulate, Max Seidman, Mary Flanagan, Geoffrey Belknap, Victoria Van Hyning, Jim O'Donnell

12:15 PM - 12:30 PM 805. PATTERNS OF PARTICIPATION ON THE INDIA BIODIVERSITY PORTAL. Prabhakar Rajagopal, Thomas Vattakaven

12:30 PM - 02:00 PM – Lunch

02:00 – 15:30 – TDWG Business Meeting

3:30 PM - 04:00 PM - Afternoon Break (Poster takedown)

04:00 PM - 05:30 PM Closing Session

05:30 PM - 06:30 PM TDWG Executive Meeting: Wrap-up meeting following the Closing Session.

07:30 PM - 10:30 PM TDWG Conference Banquet: The conference banquet will be held at the Safari Park Hotel. Purchased tickets are required.

POSTERS

789. Fish Species Diversity in Asejire Lake, Ibadan, Nigeria
   Dominic Olaniyi Odulate

776. Weed knowledge in Western Indian Ocean and Southern African region
Balasubramanian Dhandapani, Pierre GRARD, Thomas Le Bourgeois, Ramesh BR, Pascal Marnotte, Azaad Guangoo, Alain Paul Andrianaivo, Jean Augustin Randriamampianina, Yahaya Ibrahaim, Sathish M, Karthik Yeruva

863. Access to Information on the Fish Fauna from Lake Albert and its Tributary the River Semuliki (DR Congo)
   Jargy Kambale Soheranda, Patricia Mergen

828. Documenting European Agrobiodiversity: EURISCO, the European Search Portal for Plant Genetic Resources
   Stephan Weise, Helmut Knüpffer

929. CETAF: Connecting Natural History Collections with Global Biodiversity Research
   Jiri Frank, Ana Casino, Michelle Price

841. Assessing the taxonomic and bibliographic coverage of pteridological literature in the Biodiversity Heritage Library
   Jacqueline Emily Chapman, Robin Everly

928. Synthesys 3: Synthesis of Systematic Resources
   Jiri Frank, Jiri Kvaček

875. Application of Remote sensing and GIS for multi-temporal assessment of forest coverage change detection and carbon sequestration: Case of Nyungwe National Park, Rwanda
   Evariste Rutebuka, Shiliang Liu, Lixiao Zhang, Apollinaire William

882. Diversity of Wild Palms (Arecaceae) in the Republic of Benin: Finding the Gaps in the National Inventory by Combining Field and Digitally Accessible Knowledge
   Rodrigue Idohou, Arturo Ariño

855. Where, when and why are there elephant poaching hotspots in Kenya?
   Edward Opiyo Ouko

857. Modeling of the seasonal variability of phytoplankton settlements in the littoral zone of Togo (West Africa)
   Raoufou Pierre Radji

868. Avian diversity and responses of feeding guilds to land use change in a Kenyan coastal forest ecosystem
   David O. Chiawo
   Mariciano Mutiga Mutiga

   A.O. Oladoye

907. Publishing historical primary biodiversity information: The good and the bad
   Fhatani Ranwashe

854. Improved plant genetic biodiversity through the organization and promotion of agricultural shows and seed fairs
   Aimé Kazika Kamosi

900. Biodiversity Information on Plants from Ghana
   Anthony Adu-Gyamfi, Patrick K. Ekpe, Alex Asase

895. Towards Automatic Curation of Biodiversity Data: the BLOOM Project
   Mélanie Hachet, Haevermans Thomas, Philippe Grandcolas, Frédéric Legendre, Roseli Pellens, Julien Troudet, Visotheary Ung

835. The DINA System
   Markus Skyttner, Kevin Cornell Holston, Ingimar Erlingsson, Karin Karlsson, Gregor Hagedorn, Falko Glöcker, Urmas Kõljag, Kessy Aberenkov, Nikolaj Scharff, Thomas Stjernegaard Jeppesen, James Macklin, Satpal Bilkhu, David Harris, Elspeth Haston, Fredrik Ronquist

814. The GBIF France New Data Portal
   Marie-Elise Lecoq, Fabien Caviere, Sophie Pamerlon, Eric Chenin, Anne-Sophie Archambeau, Régine Vignes-Lebbe

859. Capacity building for sustaining biodiversity in DR Congo
   Papy Nsevolo Miankeba

801. AnnoSys – A sustainable Annotation Management System and Repository for Collection Data
   Lutz Suhrbier, Wolf-Henning Kusber, Anton Güntsch, Walter Berendsohn
915. Digitization of Kenya’s Hawk Moth Collection and Evaluation of the Potential as Indicator Species for Light Pollution

Esther N. Kioko, Peter Njuru, Eliud Muli, Laban Njoroge, Joseph R. Mugambi

871. Digitization of the Zoological Museum Collections at the National Museums of Kenya

Esther Wangui Mwangi, Esther Kioko, Laban Njoroge, Simon Musila, Peter Njoroge, Patrick Malonza, Ogeto Mwebi, Dorothy Nyingi, Geoffrey Mwachala

921. KeyBase, Teaching Old Keys New Tricks

Niels Klazenga

812. iBDP: A Data Portal for Integrative Biodiversity Research Data Management

Jitendra Gaikwad, Martin Hohmuth, Steffen Dobritz, Birgitta König-Ries

813. Effect of anthropogenic activities on the distribution of the endemic chameleons from the Cameroon volcanic line

Walter Paulin Tapondjou Nkonmeneck, LeGrand Nono Gonwouo

870. The Genetic Diversity of Nile Tilapia, Oreochromis niloticus (Linnaeus, 1758), of Lake Baringo, Kenya.

Ann Mwaura, Joseph Gathua, Yeremia chuhila

869. Database creation for the monitoring of wildlife census in Nazinga Game Ranch (Burkina Faso)

Isidore Ogoudje AMAHOWE

785. Zoo-Botanical Samples of the Garoua Wildlife School: Inventory of their digitization

Samuel Christian Tsakem

862. Challenges and opportunities for data mobilization in transboundary ecosystems of the Albertine Rift

Faustin Gashakamba

926. Whole-Dataset Analyses using Apache Spark

Matthew Collins, Jorrit Poelen, Alexander Thompson

865. Towards a Biodiversity Information Management Centre of Excellence in South Africa
Doug Harebottle, Fatima Parker-Allie, Richard Knight

845. Predicting suitable habitats for the puddle frog Phrynobatrachus auritus

Geraud Canis Tasse Taboue

927. Predicting suitable habitats for the puddle frog Phrynobatrachus auritus

Geraud Canis Tasse Taboue, Gabriel L. Fiorini, Courtney A. Miller, Nicola M. Anthony, Eric B. Fokam

878. Collaboration Network for the Protection of Guibourtia tessmannii in Southern Cameroon

Jacques Anselme Massussi, Lordon C. Djieto

Acknowledgements

Symposium, Workshop, and Interest Group Organizers

S01 - Biodiversity Informatics Services and Workflows
Niall Beard, University of Manchester, United Kingdom
Anton Güntsch, Freie Universität Berlin Botanic Garden and Botanical Museum Berlin-Dahlem, Germany
James A. Macklin, Agriculture and Agri-Food Canada, Canada
Paul J. Morris, The Museum of Comparative Zoology, Harvard University, USA

S02 - Formal biodiversity informatics training as key for capacity building: state-of-play, challenges and opportunities
Dimitrios Koureas, Natural History Museum London, United Kingdom

S03 - The Role of Data Standards in Real-World Applications Using Biodiversity Information
David E. Schindel, National Museum of Natural History Smithsonian Institution, USA

S04 - BHL Africa: Assessing and Building Capacity for Global Access to Biodiversity Literature
Anne-Lise Fourie, BHL Africa, South African National Biodiversity Institute, South Africa
Martin Kalftatovic, Smithsonian Institution, USA
Constance Rinaldo, Ernst Mayr Library, Museum of Comparative Zoology, Harvard University, USA
Carolyn Sheffield, Smithsonian Institution, USA

S05 - The role of camera traps for biodiversity monitoring and conservation: standards and practices for sharing data
Henry L. Bart, Tulane University, USA
Victor Mose, African Conservation Centre, Nairobi, Kenya

S06 - Semantics for Sustaining Biodiversity
John Deck, University of California at Berkeley, USA
Robert P. Guralnick, University of Colorado at Boulder, USA
Ramona L. Walls, University of Arizona, USA

S07 - Training and Collaboration for Sustained African Engagement in Biodiversity Informatics
Henry L. Bart, Tulane University, USA
Lucy Waruingi, African Conservation Centre, Nairobi, Kenya

W01 - Hands-on Cyberinfrastructure Workshop - iPlant Collaborative - Not just for plants!
Ramona L. Walls, University of Arizona, USA

W03 - Scratchpads platform
Simon D. Rycroft, Natural History Museum London, United Kingdom
Dimitrios Koureas, Natural History Museum London, United Kingdom

W04 - Biodiversity Data Mobilization Models
Libby Ellwood, Florida State University, iDigBio, USA
Deborah Paul, Florida State University, iDigBio and iDigInfo, USA

IG01 - Biodiversity Services and Clients
James A. Macklin, Agriculture and Agri-Food Canada, Canada

IG02 - Genomic Biodiversity Working Interest Group
John Deck, University of California at Berkeley, USA
Ramona L. Walls, University of Arizona, USA
TDWG Program Organizers

Program Chair
Henry L. Bart, Tulane University, USA

Program Committee
Gail E. Kampmeier, Illinois Natural History Survey, University of Illinois, USA
Patricia Mergen, Royal Museum for Central Africa, Belgium
Francis O. Oguya, National Museums of Kenya, Kenya
Cyndy Parr, National Agricultural Library, USDA Beltsville, MD, USA
Anders Telenius, Swedish Museum of Natural History, Sweden
Emily Wabuyeke, National Museums of Kenya & Kenyatta University, Kenya

Contributed Oral Presentations and Computer Demonstrations
Gail E. Kampmeier, Illinois Natural History Survey, University of Illinois, USA

Posters
Emily Wabuyeke, National Museums of Kenya & Kenyatta University, Kenya
Francis O. Oguya, National Museums of Kenya, Kenya
Gail E. Kampmeier, Illinois Natural History Survey, University of Illinois, USA

TDWG Interest Groups
Patricia Mergen, Royal Museum for Central Africa, Belgium
Gail E. Kampmeier, Illinois Natural History Survey, University of Illinois, USA

IT Expert at Venue
Kevin J. Love, iDigBio, Florida Museum of Natural History, University of Florida, USA

Registration
Stan Blum, California Academy of Sciences, USA

TDWG 2015 Local Organizing Committee (LOC)
**LOC Chair**
Lucy Waruingi, Executive Director, African Conservation Centre

**LOC Members**
Geoffrey Mwachala (co-chair LOC), Director Research & Collections, National Museums of Kenya
Victor Mose, Amboseli Conservation Program
Lawrence Monda, National Museums of Kenya
Francis Oguya, National Museums of Kenya
Emily Wabuyele, National Museums of Kenya
Juliana Jebet, National Museums of Kenya
Edwardina Ndhine, National Commission for Science and Technology
Ben Owour, University of Nairobi, Math Department
Patricia Karani, Event Coordinator

**TDWG Executive**

**Chair:** Cynthia Parr, National Agricultural Library, USDA Beltsville, MD, USA

**Treasurer:** William Ulate, Missouri Botanical Garden, St. Louis, MO, USA

**Secretary:** Patricia Mergen, Royal Museum for Central Africa, Belgium

**Africa - 1:** Charles Kahindo, University of Bukavu, Democratic Republic of Congo
**Africa - 2:** Samuel Tsakem, Ecole de Faune de Garoua, Garoua, Cameroon

**Asia - 1:** Nozomi (James) Ytow, University of Tsukuba, Japan
**Asia - 2:** Ji Liqiang, Institute of Zoology, Chinese Academy of Sciences, China

**Europe - 1:** Dimitris Koureas, Natural History Museum, London, UK
**Europe - 2:** Peter Desmet, Research Institute for Nature and Forest (INBO), Brussels, Belgium

**Latin America - 1:** Antonio Mauro Saraiva, University of São Paulo, Brazil
**Latin America - 2:** Eduardo Dalcin, Instituto de Pesquisas Jardim Botânico do Rio de Janeiro

**North America - 1:** Bryan Heidorn, School of Information Resources & Library Science, University of Arizona, USA
North America - 2: James Macklin, Agriculture and Agri-Food Canada, Ottawa, Ontario, Canada

Oceania - 1: Aaron Wilton, Landcare Research, New Zealand

Oceania - 2: Paul Flemons, Australia Museum, Sydney, Australia

Co-opted Member: Tim Robertson, Global Biodiversity Information Facility, Copenhagen, Denmark

Co-opted Member: Gail Kampmeier, Illinois Natural History Survey, University of Illinois, USA

Co-opted Member: Stan Blum, California Academy of Sciences, USA