

Third International Barcode of Life Conference

Technical Session Schedule

Wednesday, 11 November 2009, Auditorium A: Plant Barcoding / TREE-BoL Africa

Session C: Plant Barcoding (Chair: David Gernandt)	
2:00-2:15	Santiago Madriñán , <i>Universidad de los Andes</i> ArBOL: a DNA barcoding initiative for Neotropical plants
2:15-2:30	Rolando Barcenás , <i>Universidad Autonoma de Queretaro</i> DNA barcodes could help to identify and conserve Mexican Cactaceae
2:30-2:45	G. Salazar , DNA barcodes of Mexican oaks
2:45-3:00	R. Sathishkumar , <i>Bharathiar University</i> Conventional and Novel DNA Barcodes for Apocyanaceae
3:00-3:15	Chang Liu , <i>The University of Hong Kong</i> The psbA-trnH intergenic spacer region database-a web service for DNA barcoding
3:15-3:30	Karen James , <i>Natural History Museum London</i> Project Bark-Code: engaging schools in Tree-bol
3:30-4:00	Coffee Break

Session D: TREE-BoL Africa (Chair: Helida Oyieke)	
4:00-4:15	Olivier Maurin , <i>University of Johannesburg</i> Explaining tree and shrub regional diversity patterns in the Kruger National Park (South Africa)
4:15-4:30	Michelle van der Bank , <i>University of Johannesburg</i> Strengthening Africa's Capacity in DNA Technologies for Biodiversity Research and Sustainable Use
4:30-4:45	Yalemtseha Mekonnen Tadesse , <i>Addis Ababa University</i> Strengthening Treebol Africa initiative
4:45-5:00	Paul T. Lyam , <i>National Center for Genetic Resources and Biotechnology (Nacgrab)</i> Barcoding threatened plant species of West Africa
5:00-5:15	O.T. Ogundipe , <i>University of Lagos</i> Tree Bol Lagos: barcoding of trees in Lagos

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Wednesday, 11 November 2009, Auditorium B: Insect/Terrestrial Arthropods

Session C: Utility and Alternative Approaches (Chair: Atilano Contreras-Ramos)	
2:00-2:15	Rodolphe Rougerie , <i>BIO, University of Guelph</i> DNA barcoding Lepidoptera: what beyond taxonomy?
2:15-2:30	Massimiliano Virgilio , <i>Royal Museum for Central Africa</i> Performance of DNA barcoding for insect identification
2:30-2:45	Julio Rivera , <i>Universidad Nacional Agraria</i> DNA barcoding and the phylogeography of the blackfly <i>Prosimulium trivisi</i> (Diptera: Simuliidae)
2:45-3:00	D. Chesters , <i>Division of Biology, Imperial College London</i> Beyond the barcode to the tree: Ichneumonoid phylogeny and the importance of taxon sampling density and strategy
3:00-3:15	P. Pedro , <i>BIO, University of Guelph</i> Degree of 28s rDNA divergence in Costa Rican barcoded Lepidoptera
3:15-3:30	Michael Raupach , <i>Zoologisches Forschungsmuseum Alexander Koenig</i> Molecular taxonomy of ground beetles (Insecta: Carabidae) in Central Europe: a multi-marker approach
3:30-4:00	Coffee Break

Session D: Biodiversity Studies (Chair: Alejandro Zaldívar-Riverón)	
4:00-4:15	Rodolphe Rougerie , <i>BIO, University of Guelph</i> DNA barcoding of archival Lepidoptera specimens
4:15-4:30	Xin Zhou , <i>BIO, University of Guelph</i> Trichoptera Barcode of Life: probing caddisfly diversity with DNA barcodes
4:30-4:45	Birthe Thormann , <i>Zoologisches Forschungsmuseum Alexander Koenig</i> Testing a short nuclear barcode for inferring staphylinid beetle diversity in an African rainforest
4:45-5:00	Brian Fisher , <i>California Academy of Sciences</i> Identifying cryptic invasives in the Malagasy region
5:00-5:15	Facundo Labarque , <i>Museo Argentino de Ciencias Naturales "Bernardino Rivadavia"</i> Inferring biodiversity patterns and life-history traits in ray spiders (Araneae, Theridiosomatidae)
5:15-5:30	Jonathan Clark , <i>Weber State University</i> DNA barcoding of shore flies from Great Salt Lake

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Wednesday, 11 November 2009, Seminar Room A: FISH-BOL

Session C	
2:00-2:15	Martha Valdez-Moreno , <i>El Colegio de la Frontera Sur</i> Advance with fish barcodes in Mexico
2:15-2:30	Juan Díaz de Astarloa , <i>Departamento de Ciencias Marinas, Universidad Nacional de Mar del Plata</i> Barcoding Argentine marine fishes
2:30-2:45	Wazir Lakra , <i>National Bureau of Fish Genetic Resources</i> DNA Barcoding The Indian Fishes
2:45-3:00	Agnes Dettai , <i>Museum National D'histoire Naturelle</i> The CEAMARC survey: Barcodes as a multi level t
3:00-3:15	Yuri Kurtavtsev , <i>A.V. Zhirmunsky Institute of Marine Biology of the FEB RAS</i> Sequence divergence at CO-1 and Cyt-B mtDNA on different taxonomic levels and genetics of speciation
3:15-3:30	Kwang-Tsao Shao , <i>Biodiversity Research Center, Academia Sinica</i> Accuracy of morphological identification of larval fishes
3:30-4:00	Coffee Break

Session D	
4:00-4:15	<i>TBD</i>
4:15-4:30	Nicolas M Hubert , <i>Ephe-Université DE Perpignan</i> Identifying early stages of coral reef fishes through dna barcoding: a test case with the families a.....
4:30-4:45	Jonathan Deeds , <i>US Food and Drug Administration Center for Food Safety and Applied Nutrition</i> US FDA Validation of DNA Barcoding to Promote Seafood Safety and Combat Economic Adulteration
4:45-5:00	Dirk Steinke , <i>BIO, University of Guelph</i> Barcodes and mitochondrial protein evolution in fishes
5:00-5:30	Open Discussion

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Wednesday, 11 November 2009, Seminar Room B: Large-Scale Initiatives

Session C	
2:00-2:15	Cara Gibson , <i>The National Ecological Observatory Network (NEON)</i> The NEON Fundamental Sentinel Unit: ORganismal measurements and DNA barcoding in a national network
2:15-2:30	Jesus Mavarez , <i>Centro de Ecología, Instituto Venezolano de Investigaciones Científicas</i> GenoMaps: DNA Barcoding applied to a large-scale biodiversity monitoring initiative in South America
2:30-2:45	Laura Epp , <i>National Center for Biosystematics (NCB), Natural History Museum, University of Oslo</i> BARFROST- A new project for reconstructing past ecosystems by barcoding DNA from permafrost
2:45-3:00	Opyene Vincent , <i>Uganda Wildlife Authority</i> Application of DNA in bushmeat barcoding in prosecution of wildlife crimes in East Africa
3:00-3:15	Neil Davies , <i>University of California, Berkeley</i> International Ecostations Journal: BiolP Management Solution
3:15-3:30	Discussion
3:30-4:00	Coffee Break

Wednesday, 11 November 2009, Seminar Room B: Barcoding Databases, Protocols and Education

Session D	
4:00-4:15	Robert Hanner , <i>BIO, University of Guelph</i> Bio-pedagogy and Barcoding: The Canadian National Market Survey
4:15-4:30	Evgeny Zakharov , <i>BIO, University of Guelph</i> Quality assurance and crowd control in a high-throughput DNA barcoding facility
4:30-4:45	Alex Borisenko , <i>BIO, University of Guelph</i> A template for field for field data collection to aid
4:45-5:00	Junca Ma , <i>Institute of Microbiology, Chinese Academy of Sciences</i> The Information System of DNA Barcode of Life in China
5:00-5:15	Natalia Ivanova , <i>BIO, University of Guelph</i> Protocols for dry DNA storage and shipment at room temperature
5:15-5:30	Thomas Knebelsberger , <i>Zoologische Staatssammlung München</i> Beyond barcoding – Secure DNA storage

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Wednesday, 11 November 2009, Seminar Room C: Fungi/Algae/Protists/New Groups

Session C (Chair: Pedro Crous)	
2:00-2:15	Wieland Meyer , <i>University of Sydney</i> Barcoding of medical fungi- its region and its limitations
2:15-2:30	<i>TBD</i>
2:30-2:45	Roberto Garibay-Orijel , <i>Universidad Nacional Autonoma de Mexico (UNAM)</i> The framework to barcode neotropical ectomycorrhizal fungi
2:45-3:00	Mattep Garbelotto , <i>University of California, Berkeley</i> Biocoding the fungi of Moorea
3:00-3:15	<i>TBD</i>
3:15-3:30	Agathe Vialle , <i>Centre d'Etude de la Forêt</i> DNA Barcoding of fungal species from leaf of poplars
3:30-4:00	Coffee Break

Session D (Chair: Line Le Gall)	
4:00-4:15	Gary E. Saunders , <i>University of New Brunswick</i> Molecules versus morphologies – a contemporary floristic survey of Canadian seaweeds
4:15-4:30	David Porco , <i>BIO, University of Guelph</i> Barcoding invasives: a new tool for invasion monitoring in soil
4:30-4:45	Rina Ramirez , <i>Museum of Natural History, San Marcos University</i> Barcoding orthalicid land snails from peru

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Wednesday, 11 November 2009, Seminar Room D: Data Analysis Working Group

Session C (Chair: Neil Sarkar)	
2:00-2:18	Melanie Lou , <i>McMaster University</i> Correct identification of <i>Drosophila</i> and its sister species using Bayesian statistical methods
2:18-2:36	John Wilson , <i>BIO, University of Guelph</i> Assigning unknowns to higher taxa using DNA barcodes
2:36-2:54	Akito Kawahara , <i>University of Maryland</i> Utility of DNA barcodes for phylogeny
2:54-3:12	Giovanni Felici , <i>Istituto di Analisi dei Sistemi ed Informatica Consiglio Nazionale delle Ricerche</i> The BLOG system: Logic data mining for compact explanatory species classification
3:12-3:30	Pavel Kuksa , <i>Rutgers University</i> Efficient alignment-free barcode analytics
3:30-3:00	Coffee Break

Session D (Chair: Neil Sarkar)	
4:00-4:18	Mark Stoeckle , <i>Rockefeller University</i> Digital indicator vectors for DNA barcode analysis
4:18-4:36	Taika von Konigslow , <i>BIO, University of Guelph</i> A tool for identifying diagnostic DNA characters
4:36-4:54	Raúl Jiménez-Rosenberg , <i>CONABIO</i> Linking DNA barcodes and biodiversity information: the biodiversity information system of Mexico
4:54-5:12	Mihai Albu , <i>Concordia University</i> The DNA Barcode Linker
5:2-5:30	Justin Schonfeld , <i>BIO, University of Guelph</i> Visualizing amino acid variation in the COI barcode region

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Wednesday, 11 November 2009, Seminar Room E: BeeBOL Symposium

Session C	
2:00-2:05	Ricardo Ayala , <i>IBUNAM</i> Introduction
2:05-2:20	Laurence Packer , <i>York University</i> The campaign to barcode the bees of the world: progress, problems, prognosis
2:20-2:35	Jason Gibbs , <i>York University</i> DNA barcoding a nightmare taxon: a case study from bees
2:35-2:50	Nelly Ndungu , <i>International Centre for Insect Physiology and Ecology</i> DNA barcoding and morphometrics of stingless bees in Kenya
2:50-3:05	Ricardo Ayala , <i>IBUNAM</i> The native bees of México and the DNA Barcode of Life project
3:05-3:20	Seán Brady , <i>National Museum of Natural History</i> Applying DNA barcoding and morphology toward improving the taxonomy of the cleptoparasitic bee genus <i>Nomada</i>
3:20-3:35	Sheila Dumesh , <i>York University</i> Barcoding bees with emphasis on Canadian <i>Megachile</i>
3:35-4:00	Coffee Break

Session D	
4:00-4:15	Robert Paxton , <i>Queen's University Belfast</i> Barcoding reveals cryptic bee bumble species diversity
4:15-4:30	Carmen Lucia Yurrita , <i>Universidad de San Carlos de Guatemala</i> The bee fauna of Guatemala and the importance of the participation in the barcode of life
4:30-4:45	Nicholai de Silva , <i>York University</i> Estimating diversity: DNA barcoding and morphospecies
4:45-5:00	Harrison Kibogo , <i>International Centre for Insect Physiology and Ecology</i> Molecular characterization of Honeybees (<i>Apis mellifera</i>) races from Kenya using barcoding markers
5:00-5:15	Jose Javier Quezada-Euan , <i>UNAM</i> Pollinators at risk: identifying cryptic species in native bees from Mexico (Hymenoptera:Meliponini)
5:15-5:30	Miriam Richards , <i>Brock University</i> Niche partitioning based on nesting biology in twig-nesting carpenter bees revealed by congruent variation in behavior, morphology, and DNA barcodes.
5:30-6:00	Open Discussion