

Third International Barcode of Life Conference

Technical Session Schedule

Tuesday, 10 November 2009, Auditorium A: Plant Barcoding

Session A: Plant Barcoding (Chair: Sean Graham)	
2:00-2:15	Aron Fazekas , <i>University of Guelph</i> Patterns of plant species diversity below ground as revealed by DNA barcoding
2:15-2:30	Andrew Lowe , <i>The University of Adelaide</i> Seeing the forest from the trees: Australian tree diversity
2:30-2:45	Victoria Sosa , <i>Instituto de Ecología, A.C.</i> An evaluation of multilocus DNA barcodes in five Mexican plant groups
2:45-3:00	Harold Schneider , <i>Natural History Museum London</i> Utility of plastid "barcodes" to identify plant species
3:00-3:15	Shi-Lin Chen , <i>Institute of Medicinal Plant Development, Peking Union Medical College & Chinese Academy of Medical Science</i> Use of ITS2 region as universal barcode to identify medicinal plants and their adulterants
3:15-3:30	Fernando Nicolalde-Morejón , <i>Instituto de Ecología A. C.</i> DNA barcoding in the Mexican cycads using CAOS
3:30-4:00	Coffee Break

Session B: Plant Barcoding (Chair: Gerardo Salazar)	
4:00-4:15	Mike Wilkinson , <i>Aberystwyth University</i> Compling and exploiting a national barcode for Wales
4:15-4:30	Wendy Clement , <i>Yale University</i> Barcoding the woody angiosperm clade Viburnum
4:30-4:45	Sribash Roy , <i>National Botanical Research Institute</i> DNA barcoding and concept of universal locus in plants may not work in complex group
4:45-5:00	David Gernandt , <i>Departamento de Botánica, Instituto de Biología, Universidad Nacional Autónoma de México</i> Genealogical nonmonophyly in Pinus and its relevance for DNA barcoding
5:00-5:15	Diana Percy , <i>University of British Columbia</i> Plant barcoding in taxonomically complex groups: Grasses and willows
5:15-5:30	Hugh Cross , <i>State Herbarium of South Australia</i> Leaves of Grass: barcoding an iconic and enigmatic plant family

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Tuesday, 10 November 2009, Auditorium B: Pathogens, Vectors and Parasites

Session A (Chair: Virginia León Règagnon)	
2:00-2:15	Scott Monks , <i>U. Autónoma del Estado de Hidalgo</i> Potholes in the road to DNA barcodes for parasites
2:15-2:30	Gabriela Parra Olea , <i>IBUNAM</i> Genetic studies of chytridiomycosis, an emerging infectious disease of amphibians
2:30-2:45	Alejandro Oceguera-Figueroa , <i>American Museum of Natural History</i> Use of DNA barcoding to detect invasive species and solve taxonomic problems within Hirudinea
2:45-3:00	Mateus Pepinelli , <i>Universidade de São Paulo</i> DNA barcoding highlights issues with morphology-based taxonomy of Neotropical black flies (Diptera: Simuliidae).
3:00-3:15	Narendran Pradeep Kumar , <i>Vector Control Research Centre Field Station (ICMR)</i> DNA barcoding' of mosquitoes in India
3:15-3:30	Yvonne-Marie Linton , <i>Natural History Museum London</i> . Mosquito Barcoding Initiative: announcing the first data release paper
3:30-4:00	Coffee Break

Session B (Chair: Yvonne-Marie Linton)	
4:00-4:15	Gerardo Pérez Ponce de León , <i>IBUNAM</i> Molecular prospecting for cryptic species of parasites: are DNA barcodes useful?
4:15-4:30	Sean Locke , <i>Concordia University</i> Barcoding advances freshwater fish parasitology
4:30-4:45	David Marcogliese , <i>Environment Canada</i> Do we need barcodes for the parasitic helminths?
4:45-5:00	Hugo Mejía Madrid , <i>CINVESTAV- Mérida</i> Nematode diseases: the plurality of DNA barcoding
5:00-5:15	Virginia León Règagnon , <i>IBUNAM</i> Barcodes of helminths of wild vertebrates in Mexico
5:15-5:30	Daniel Brooks , <i>University of Toronto</i> Genetic Bar Coding and The Evolutionary Ecology of Emerging Diseases

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Tuesday, 10 November 2009, Seminar Room A/B: FISH-BOL

Session A	
2:00-2:15	Richard Mayden , <i>Saint Louis University</i> DNA Barcoding and North American Freshwater Fishes
2:15-2:30	Luiz Henrique Pereira , <i>Universida de Estadual Paulista (UNESP) - Botucatu</i> Hidden diversity in the neotropical freshwater fishes
2:30-2:45	Erik García-Machado , <i>Centro de Investigaciones Marinas, Universidad de La Habana</i> DNA barcoding of Cuban freshwater fishes: evidence for cryptic species and taxonomic conflicts
2:45-3:00	Daniel Carvalho , <i>Universidade Federal de Minas Gerais</i> DNA barcode of the fish species from the São Francisco river basin, Brazil
3:00-3:15	Claudio Oliveira , <i>Universidade Estadual Paulista (UNESP) - Botucatu</i> Barcoding freshwater fishes from upper Parana basin
3:15-3:30	Jefferson Henriques , <i>Universidade Estadual Paulista - UNESP</i> Barcoding freshwater fishes from ribeira de Iguape basin
3:30-4:00	Coffee Break

Session B	
4:00-4:15	G.D. Khedkar , <i>Dr. Babasaheb Ambedkar Marathwada University</i> DNA barcoding reveals a discontinuous genetic diversity pattern of fish in the Godavari river, India
4:15-4:30	Rosalee Rasmussen , <i>Oregon State University</i> DNA barcoding of commercially important salmon and trout species in North America
4:30-4:45	Dickens Odeny , <i>National Museums of Kenya</i> DNA barcoding: refining parataxonomy for fishery surveys
4:45-5:00	Nina Bogutskaya , <i>Zoological Institute, Russian Academy of Sceinces</i> Barcoding of the freshwater fish fauna of Russia: a pilot project
5:00-5:15	Julien April , <i>Université Laval</i> Barcoding freshwater fishes: extensive coverage and sub-specific identification
5:15-5:30	Ian Hogg , <i>Department of Biological Sciences, University of Waikato</i> Biosurveillance of fish and zooplankton in New Zealand lakes and reservoirs using DNA barcoding

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Tuesday, 10 November 2009, Seminar Room C: Barcoding Species for Quarantine/Plant Protection

Session A (Chair: Isabel González)	
2:00-2:15	Introduction
2:15-2:30	Andrew Mitchell , <i>NSW Department of Industry and Improvement</i> Mind the gap: Barcodes and diagnostic standards
2:30-2:45	Laura Boykin , <i>Bio-Protection Research Centre</i> Realizing the scope for barcodes in quarantine
2:45-3:00	Wen Chen , <i>Carleton University</i> DNA barcodes for the profiling of microbiota in environmental samples
3:00-3:15	Adeniyi Akanni Jayeola , <i>University of Ibadan</i> Selecting priority trees for DNA barcoding in Africa
3:15-3:30	Rebecca Nakacwa , <i>National Agricultural Research Laboratories</i> Soil nematode diversity and community composition as a basis for biosafety assessment of transgenic
3:30-4:00	Coffee Break

Session B (Chair: Marc de Meyer)	
4:00-4:15	Vazrick Nazari , <i>BIO, University of Guelph</i> Coleophora (Lepidoptera, Coleophoridae): enhanced species discovery and taxonomy through DNA barcoding
4:15-4:30	Antonio Hernández López , <i>Institut National de la recherche Agronomique (INRA)</i> Host tracking, cryptic adaptation? A barcode study of the parasitoid of the horse chestnut leafminer
4:30-4:45	Gerardo Gallego Sánchez , <i>Centro Internacional de Agricultura Tropical</i> DNA barcoding usage for the identification of biotypes of the fruit perforator <i>N. elegantalis</i>
4:45-5:00 (Posters)	Badrul Bhuiya , <i>University of Chittagong</i> DNA barcoding of Agromyzid leaf miners and their parasitoids in Bangladesh
	Nelson Ntonifor , <i>University of Buea</i> Arboreal ant species as bio-control agents of pests
	Andrew Mitchell , <i>NSW Department of Industry and Investment</i> Comprehensive barcoding of Australian Heliathine moths

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Tuesday, 10 November 2009, Seminar Room D: Marine Barcoding

Session A	
2:00-2:15	Ann Bucklin , <i>University of Connecticut</i> DNA barcoding of marine zooplankton: current status and applications for ecosystem monitoring
2:15-2:30	Leo Blanco-Bercial , <i>University of Connecticut</i> Global phylogeographies of the planktonic copepod <i>Clausocalanus</i> based on DNA barcodes
2:30-2:45	Adriana Radulovici , <i>University of Quebec at Rimouski</i> Marine Crustaceans identified by DNA barcodes
2:45-3:00	Paola Batta-Lona , <i>University of Connecticut</i> Applications of DNA barcodes for studies of Antarctic krill: SS-PCR and mitochondrial SNPs
3:00-3:15	Laetitia Plaisance , <i>Smithsonian Institution National Museum of Natural History</i> Standardized sampling and DNA Barcoding for Assessing Coral Reef Biodiversity
3:30-4:00	Coffee Break

Session B	
4:00-4:15	Francis Xavier , <i>National Institute of Oceanography</i> Molecular systematic of prawns under the family <i>Penaeidae</i> of Indian coast
4:15-4:30	Tyler Zemlak , <i>Dalhousie University</i> The intelligent observer: using the Barcode of Life Database to investigate the role of the OXPPOS system
4:30-4:45	Julien Lorion , <i>Museum National d'Histoire Naturelle</i> Marine invertebrates and the "barcode factory" at the Museum National d'Histoire Naturelle
4:45-5:00	Biju Kumar , <i>University of Kerala</i> Molecular taxonomy of putrefied Cetaceans- A case study

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Tuesday, 10 November 2009, Seminar Room E: All Bird Barcoding Initiative and Vertebrates

Session A	
2:00-2:15	Mariana Lyra , <i>Universidad Estadual de Campinas</i> COI DNA barcoding of anurans from Brazilian rain forest
2:15-2:30	Jing Che , <i>State Key Laboratory of Molecular Evolution and Genome Diversity</i> Barcoding amagid lizards in southern China and Vietnam
2:30-2:45	Kevin Kerr , <i>BIO, University of Guelph</i> DNA barcode resolution in eastern Palearctic birds
2:45-3:00	Ana Barreira , <i>Museo Argentino de Ciencias Naturales</i> Neotropical birds barcoding: a joint initiative
3:00-3:15	Leonardo Campagna , <i>Museo Argentino de Ciencias Naturales</i> COI flags a recent radiation in passerine birds
3:15-3:30	Patricia Escalante , <i>Instituto de Biología Universidad Nacional Autónoma de México</i> Highlights of the Birds of Mexico project
3:30-4:00	Coffee Break

Session B	
4:00-4:15	Brendan Reid , <i>American Museum of Natural History</i> Distance-based and character-based approaches to barcoding turtles
4:15-4:30	Elizabeth Clare , <i>BIO, University of Guelph</i> Unraveling the food web of an insectivorous bat community
4:30-4:45	Cristina Miyaki , <i>Universidad de Sao Paulo</i> DNA barcodes against the illegal parrot trade
4:45-5:00	Matthew Miller , <i>Smithsonian Tropical Research Institute</i> New tools to study speciation and community ecology: examples from Panama's bird barcodes
5:00-5:15	Mark Stoeckle , <i>Rockefeller University</i> Digital Indicator vectors applied to New World avian diversity