



First ABBI and FISH-BOL Neotropical Working Group Meeting

First Circular

14 - 16 March 2007

**Museo Argentino de Ciencias Naturales
“Bernardino Rivadavia”**

Buenos Aires, Argentina



**ALFRED P. SLOAN
FOUNDATION**



The Consortium for the Barcode of Life is supporting the first meeting of the Neotropical working groups for the two main global barcoding projects, the All Birds Barcoding Initiative (ABBI) and the Fish Barcode of Life Initiative (FISH-BOL). During the meeting, the advances of the projects will be presented, and the regional strategies for both initiatives will be planned and discussed. Participants include researchers from the Neotropics and from other regions of the world with a strong interest and active involvement in the Neotropical birds and fishes (see appendix I for the complete list of participants).

Venue

The meeting will be hosted by the Museo Argentino de Ciencias Naturales “Bernardino Rivadavia” (MACN), in Buenos Aires, Argentina between March 14 and 16, 2007. MACN is located at 470 Ángel Gallardo Avenue, in the geographic center of the city, and at a 20 minute taxi drive from the main downtown area. More information about the museum can be found at www.macn.secyt.gov.ar

Funding

The meeting will be funded by CBOL and is being organized by ABBI and FISH-BOL administrations, with support from the Alfred P. Sloan Foundation, the South American Marine Census of Life, MACN and CONICET (the National Research Council of Argentina).

Program

The meeting will start on the morning of March 14 with the registration of participants, followed by a joint opening session in which overviews of Barcoding, ABBI and FISH-BOL will be presented. The rest of the first day activities, as well as those of the following day, will be conducted separately and simultaneously for ABBI and FISH-BOL. These activities will involve presentations of the advances in the barcoding of particular geographic areas and taxonomic groups, and the discussion of several issues related to the design of a regional strategy. These issues include the availability of tissue samples, the regional capacity for producing barcodes, the restrictions and policies for obtaining collection, import and export permits, and the optimization of sampling efforts. The closing session, on the morning of March 16, will bring the two groups together and will promote their interaction and set short, medium and long term goals.

See appendix II for the complete program.

Background information

General information: Basic information about the Barcoding of Life Project can be obtained from the brochure *Barcoding of Life Illustrated* which is attached in the same e-mail as this circular. More information is available at www.barcoding.si.edu, www.barcodinglife.org and phe.rockefeller.edu/barcode

ABBI: The brochure *Barcoding Life takes flight* and the *Report of the ABBI Inaugural Workshop* (Museum of Comparative Zoology, Harvard University, 7-9 September 2005) are also attached. More information can be found at www.barcodingbirds.org

FISH-BOL: Information available at www.fishbol.org

ABBI participants

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Program of the First ABBI and FISH-BOL Neotropical Working Group Meeting

Wednesday 14

9.00-9.30 Registration	
9.30-9.45 Welcome to the ABBI and FISH-BOL RWG Meetings (Pablo Tubaro, Edgardo Romero, Eduardo Charreau)	
9.45-10.05 Overview of DNA Barcoding (David Schindel)	
10.05-10.25 Overview of ABBI (Mark Stoeckle)	
10.25-10.45 Overview of FISH-BOL (Paul Hebert, Robert Hanner)	
10.45-11.00 Coffee break	
11.00-11.40 The Barcode of the Birds of North America (Kevin Kerr)	11.00-11.40 Beginning with FISH-BOL in Argentina (Juan Díaz de Astarloa)
11.40-12.20 The Barcode of the Birds of Argentina (Darío Lijtmaer, Kevin Kerr)	11.40-12.20 Barcode and fish diversity in Amazonia: Advances and perspectives (José Alves Gomes)
12.20-13.00 DNA-Barcodes of Caribbean Birds (Biff Bermingham)	12.20-13.00 Conservation of genetic diversity in marine fishes under exploitation (Daniel Ruzzante)
13.00-14.30 Lunch	
14.30-15.10 Barcoding neotropical Psittacidae (Cristina Miyaki)	14.30-15.10 The Barcode of fishes of Northwestern Colombia, Panama and Costa Rica (Biff Bermingham)
15.10-15.50 The success of barcoding in distinguishing sister species of diverse clades of birds (Allan Baker)	15.10-15.50 Estimating species diversity of the flatfishes (Pisces: Pleuronectiformes): present status and future directions (Thomas Munroe)
15.50-16.30 Current progress in the barcode of the birds in the Palearctic (Kevin Kerr)	15.50-16.30 Recent advances in molecular phylogenetic studies of actinopterygian fishes (Guillermo Ortí)
16.30-16.45 Coffee break	
16.45-17.00 Setting the scene for first group discussion about a regional strategy for ABBI in the Neotropics (Pablo Tubaro, Allan Baker).	16.45-17.00 Setting the scene for group discussion about a regional strategy for FISH-BOL in South America.
17.00-17.30 Sources of tissue samples	17.00-17.30 Sources of tissue samples in Colombia (Arturo Acero)
17.30-18.00 Regional capacity for producing DNA barcodes	17.30-18.00 Barcode of Marine and freshwater fishes in Mexico and Guatemala (Martha Valdez Moreno, Salvador Contreras Balderas)
18.00-18.30 National / International support for ABBI projects.	18.00-18.30 Seeking funds for ongoing and new FISH-BOL projects.
18.30-18.45 Synthesis of discussions	18.30-18.45 Synthesis of discussions
20.30 Dinner	

Thursday 15

9.30-9.45 Introduction to the methodological session 9.45-10.25 Intraspecific phylogeography of Southern Cone taxa. Genealogical patterns, causes and implications for efficient sampling regimes (Stephen Lougheed) 10.15-10.55 Large scale barcode production (Paul Hebert)	9.30-9.50 Leptocephali and Elopomorph fishes, linking their stages in the ontogeny (Daniel Figueroa). 9.50-10.00 Introduction to organizational issues 10.00-10.30 Strategies for specimen collection and curation of vouchers. Planning a regional Repository for producing DNA (Daniel Fernández, Juan Díaz de Astarloa) 10.30-10.55 Strategies for collecting and curating voucher specimens in Brazil (José Alves Gomes, Michael Mincarone)
10.55-11.10 Coffee break	
11.10-11.50 BOLD Data System (Paul Hebert)	
11.50-12.30 Aspects for Improving the ABBI (Patricia Escalante) 12.30-13.10 DNA-based identification applied to some Neotropical Passeriformes (Fabricio Santos)	11.50-12.20 Strategies for training people for sampling and processing fish specimens and samples 12.20-12.50 Sources for a rapid specimen acquisition: fisheries surveys, fishing tournaments, commercial fishermen, fish markets. 12.50-13.10 On-line FISH-BOL demonstration (Robert Hanner)
13.10-14.40 Lunch	
14.40-14.55 Setting the scene for second group discussion about a regional strategy for ABBI in the Neotropics (Allan Baker, Pablo Tubaro). 14.55-15.35 National regulations for export / import of tissue and DNA samples 15.35-16.15 National and regional strategies for barcoding bird species 16.15-16.55 Regional coordination of information 16.55-17.10 Synthesis of discussions	14.40-14.55 National / Regional regulations for inter-country transfer of tissues and genetic material for DNA barcoding. 14.55-15.35 Sending the whole tissue or PCR Products outside for sequencing 15.35-16.15 Using the data generated by FISH-BOL. 16.15-16.55 Publication policy and data sharing 16.55-17.10 Synthesis of discussions
17.10-17.25 Coffee break	
17.25-18.30 Guided tour to the National Collection of Birds (Pablo Tubaro)	17.25-18.30 Guided tour to the Fish National Collection (Gustavo Chiamonte)
20.30 Dinner	

Friday 16

9.30-9.45 Welcome to the joint ABBI and FISH-BOL session 9.45-10.25 Comparative situation between ABBI and FISH-BOL (Mark Stoeckle, Robert Hanner) 10.25-11.05 What can each project learn from the other one? (Paul Hebert, Pablo Tubaro, Juan Díaz de Astarloa)
11.05-11.20 Coffee break
11.20-12.00 Perspectives for the future 6, 12 and 18 months (David Schindel) 12.00-12.30 Closing 12.30-13.00 Group Photo
13.00-14.30 Lunch
During the afternoon we can make a visit to the urban preserve "Costanera Sur", which is near the Kempinski Park Chateau and has a lot of bird species.