



Barcode of Life  
Initiative

CONSORTIUM FOR THE BARCODE OF LIFE

## The Second International Barcode of Life Conference

16-21 September 2007

Taipei, Taiwan

### SECOND ANNOUNCEMENT

Dear Colleagues,

The Consortium for the Barcode of Life (CBOL) and Academia Sinica invite you to join us in Taipei, Taiwan during the week of 17 September 2007 for the Second International Barcode of Life Conference. It has now been more than two years since the first conference was held in London and the Barcode of Life Initiative has gained great momentum since that time. There are now more than 200,000 DNA barcode records representing about 25,000 species and data are accumulating at an accelerating pace. Please join us at Academia Sinica in September to learn the latest developments.

This Second Conference Announcement will provide you with an overview of the week of events, the program of invited speakers, and the Call for Abstracts. The official [conference website](#) will provide you with up-to-date information on all the conference logistics as the conference approaches. Please visit the website to see the most up-to-date agenda, register for the conference, submit an abstract, request a hotel room, learn about the cultural program, and get information for travelers.

The conference itself will take place on Tuesday to Thursday, 18-20 September 2007, and the preliminary program is presented on the next page. Please consider joining us for the following pre- and post-conference events:

#### Sunday, 16 September

[Excursion](#) to National Museum of Natural Science and National Plant Genetic Resources Center, Taichung

[Excursion](#) to the National Palace Museum and Yangmingshan National Park

#### Monday, 17 September

Short-course on Lab and Data Protocols for Barcoding

Fish Barcode of Life (FISH-BOL) meeting with representatives of Fisheries Management Agencies

#### Friday, 21 September

Regional Barcode meeting for South and East Asia

Marine Barcode of Life meeting;

CBOL Plant Working Group meeting

We look forward to seeing you all in Taipei in September!

David E. Schindel  
CBOL Executive Secretary

Kwang-Tsao Shao  
Conference Chairman

Scott E. Miller  
CBOL Chairman



## PROGRAM OF INVITED SPEAKERS

[C] = confirmed

### TUESDAY, 18 SEPTEMBER

#### Session 1 - Global Activities of the Barcode of Life

**Initiative (BOLI) Moderator Karen Armstrong**

Kwang-Tsao Shao, Academia Sinica [C]

Ya-Ping Zhang, Chinese Academy of Sciences [C]

Helida Oyieke, National Museums of Kenya [C]

#### Session 2 - Diverse Applications of DNA Barcoding

*Moderator José Alves-Gomes*

Scott Miller, Smithsonian Institution [C]

Yvonne Linton, Natural History Museum London [C]

Marc De Meyer, Royal Museum Central Africa, Belgium [C]

Mark Stoeckel, Rockefeller University [C]

Robert Hanner, University of Guelph [C]

Mark Bagley, US Environmental Protection Agency [C]

Ann Bucklin, University of Connecticut [C]

#### Session 3 - How Does Barcoding Work and How Well

**Does it Work? Moderator Chaolun Allen Chen**

Paul Hebert, University of Guelph [C]

Robert Hanner, University of Guelph [C]

Chris Meyer, University of California Berkeley [C]

2 contributed talks

#### Session 4 - How close are we to barcoders that are hand-held, field-friendly, or table-top? Moderator Dan Janzen

5 contributed talks

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### WEDNESDAY, 19 SEPTEMBER

#### Session 5 - Analytical Methods for Barcode Data

*Moderator Javier Cabrera*

5 contributed talks

#### Session 6 - Case Studies I. Integrative taxonomic studies using DNA barcoding. Moderator Shen-Horn Yen

Biff Bermingham, Smithsonian Institution [C]

Benoit Dayrat, University of California Merced [C]

Rodolphe Rougerie, University of Guelph [C]

Mark Sidall, American Museum of Natural History [C]

#### Session 7 - BOLI's Goals for 2009: What new SCIENCE will we see at the Third Barcode Conference?

*Moderator Cecilia Saccone*

#### Session 7 (cont)

Les Christidis, Australia Museum [C]

Dan Janzen, University of Pennsylvania [C]

Paul De Barro, CSIRO, Australia [C]

Hideaki Sugawara, National Institute of Genetics [C]

Peter Ng, National University of Singapore [C]

Rob De Salle, American Museum of Natural History [C]

#### Session 8 - Case Studies II. DNA barcoding in developing countries. Moderator Helida Oyieke

Daniel Masiga, ICIPE [C]

Pablo Tubaro, MACN, Argentina [C]

Wazir Lakra, National Bureau of Fish Genetic Resources, India [C]

2 contributed talks

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### THURSDAY, 20 SEPTEMBER

#### Session 9 - Barcoding in the Wider Evolutionary Context. Moderator Ya-Ping Zheng

Michael Donoghue, Yale University [C]

Masaki Miya, Natural History Museum, Chiba University [C]

Dan Faith, The Australian Museum [C]

Richard Lane, Natural History Museum London [C]

#### Session 10 - State-of-the-Art Practices: How to manage your barcode data. Moderator Bob Hanner

Sujeewan Ratnasingham, University of Guelph [C]

Scott Federhen, NCBI/GenBank

Tom Orrell, Smithsonian Institution, ITIS [C]

Andrew Polaszek, ICZN [C]

Jim Edwards, Encyclopedia of Life, Smithsonian [C]

#### Session 11 - State-of-the-Art Practices: How do the best barcode labs do their work? Moderator Paul Hebert

Lee Weigt, Smithsonian Institution (LAB) [C]

Paul Bartels, BioBank, South Africa [C]

David Lambert, Allan Wilson Centre, New Zealand [C]

Mehrdad Hajibabaei, University of Guelph [C]

#### Session 12 - Barcoding with non-COI gene regions

*Moderator Freek Bakker*

Robyn Cowan, Royal Botanic Gardens Kew [C]

John Kress, Smithsonian Institution [C]

Lynn Cook, University of Queensland [C]

Sean Graham, University of British Columbia [C]

Amy Rossman, USDA, ARS [C]

## CALL FOR ABSTRACTS

Participants are invited to submit abstracts to the Second International Barcode of Life Conference. All accepted submissions will be included in an Abstracts Volume distributed at the conference. The authors of the accepted abstracts will be considered as potential contributors to the Conference Proceedings volume.

Submitters will be asked to specify if the abstract is being submitted for presentation as a poster or in one of the following technical sessions:

- Session 3:** Projects exploring the accuracy, reliability, and efficiency of barcoding relative to other approaches to specimen identification (2 presentations)
- Session 4:** Projects dealing with the development of next-generation instruments, reagents, and processes that will make DNA barcoding faster, cheaper, more portable, more reliable, and more accessible to non-specialists.(5 presentations)
- Session 5:** Projects that present protocols and/or software for the sampling, analysis, interpretation and display of DNA barcode data. In addition, CBOL is offering a \$5,000 prize for the best new software for the visualization and spatial manipulation of barcode data. Abstracts submitted for this session will be judged by the Steering Committee of CBOL's Data Analysis Working Group. Potential submitters should consult information about the Working Group posted [here](http://www.barcoding.si.edu/PastEvents.htm) (http://www.barcoding.si.edu/PastEvents.htm). (5 presentations).
- Session 8:** Taxonomic studies and systematic revisions that demonstrate the utility of barcode data in combination with other taxonomic data; projects that are attempting DNA barcoding in a taxonomic group for the first time; and projects that are encountering challenges in the use of barcode data in taxonomic revisions (2 presentations).

**Poster sessions.** Participants are also encouraged to submit abstracts on aspects of DNA barcoding not included in technical sessions, including projects that are in the planning stage or early stage of implementation. Poster presentations will allow their authors to discuss their early-stage projects, get feedback on their ideas, and make valuable connections. The conference hall at Academia Sinica is surrounded by spacious hallways in which poster presentations will be on display throughout the conference. Poster presenters will have the chance to discuss their projects with conference participants during all coffee/tea breaks and during lunch breaks. The organizers plan to accept 20 - 40 abstracts for poster presentations.

The abstracts will be evaluated by the Science Program Committee using the following criteria:

*Impact.* Does the abstract present new data, methods, and/or applications that explore the impact of DNA barcoding in taxonomy, other fields of research, and/or practical applications?

*Originality.* Does the abstract broaden the scope and/or depth of DNA barcoding research and its application?

*Credibility.* Do the data and/or methods presented in the abstract meet the highest standards of practice?

**Submission and Deadlines.** Abstracts must be submitted via our [web-based submission form](#).

Submitters will receive an automated confirmation message via email.

- 1 July 2007:** Deadline for submission of abstracts
- 15 July 2007:** Submitters will be informed of evaluation results  
Final Conference Program posted on website

## SIDE EVENTS

### SUNDAY, 16 SEPTEMBER

**Excursion to Taichung.** Conference participants are invited to take part in an all-day bus excursion to Taichung, a city approximately 2 hours south of Taipei. The program will include a visit to the National Museum of Natural Science for a tour of collections, laboratories and the public exhibit, and the national seedbank located at the National Plant Genetic Resources Center. A fee of \$25 per person will be collected to cover the cost of transportation and lunch.

**Excursion to cultural sites.** The National Palace Museum is considered one of the world's five great museums. Accumulated over a thousand years, its collections include ceramics, porcelain, calligraphy and ritual bronzes. Hsiaoyukeng is at an elevation of 800m and contains a host of volcanic fumaroles, sulfur crystals, and hot springs. A fee of \$25 per person will be collected to cover cost of transportation and lunch.

For more information on the pre- and post-conference cultural programs please visit the [conference website](#).

### MONDAY, 17 SEPTEMBER

**Short-course on Lab and Data Protocols for Barcoding.** CBOL's Database and DNA Working Groups will offer a one-day introduction to the lab procedures and approaches to data management used in DNA barcoding. This course will provide participants with protocols they can follow to establish systems for specimen curation, tissue preservation, DNA extraction, and PCR amplification. Presentations will also describe successful approaches to data capture and management starting in the field, continuing through specimen curation, tissue banking, and lab procedures.

**Fish Barcode of Life (FISH-BOL).** FISH-BOL is one of CBOL's major barcoding campaigns and it has already barcoded more than 3,600 fish species. This meeting will bring FISH-BOL participants together with representatives of fisheries management agencies to discuss how barcoding can support sustainable fishing and species conservation.

### FRIDAY, 21 SEPTEMBER

**Regional Barcode meeting for South and East Asia.** CBOL, in partnership with BioNET-International, is organizing a one-day meeting of leading biodiversity researchers and policymakers from South and East Asia. Participation will be by invitation only. The meeting will be devoted to discussing potential applications of barcoding to meet the highest priorities of the region. This is the fourth such regional outreach meeting that CBOL and BioNET have conducted in developing regions.

**Marine Barcode of Life meeting.** CBOL and the Census of Marine Life are organizing a one-day workshop aimed at planning the implementation of barcoding projects for marine species. This meeting builds on the [results of a CBOL-COML](#) workshop held in Amsterdam in May 2006.

**Meeting of CBOL Plant Working Group.** One of the important outcomes of the London Barcode Conference in February 2005 was the launch of efforts to identify the optimal barcode region(s) for land plants. CBOL's Plant Working Group will host a one-day workshop to discuss progress on this effort and to develop plans for barcoding projects on plants.



## TRAVEL BURSARIES

Travel bursaries will be provided to select participants on a competitive basis to offset the costs of attending the conference. The travel bursary package includes:

Average airfare	\$1000	NTD 32,500
Hotel (4 nights at AAC, \$26/night)	\$104	NTD 3,380
Incidental expenses	\$150	NTD 4,875
<b>Total Package</b>	<b>\$1254</b>	<b>NTD 40,755</b>

**Requirements.** Applicants must be from developing countries and have a demonstrated interest in barcoding. Preference will be given to:

- a) Applicants who have submitted abstracts that have been accepted for oral or poster presentations
- b) Researchers and doctoral students with active involvement in barcoding projects
- c) Government officials with policy-making responsibilities in areas related to species identification

**Submission and Deadlines.** Applications for travel bursaries can be made through our [web-based submission form](#). Applicants will receive an automated confirmation that their application has been received.

<b>1 July 2007:</b>	Deadline for submission of travel bursaries
<b>15 July 2007:</b>	Submitters will be informed of decisions; final agenda released

## VISA REQUIREMENTS

Residents of the following countries do not need a visa to enter Taiwan provided they have a passport that does not expire for at least 6 months after entry into Taiwan, a return air ticket, and no criminal record.

Australia, Austria, Belgium, Canada, Costa Rica, Denmark, Finland, France, Germany, Greece, Ireland, Iceland, Italy, \*Japan, Republic of Korea, Liechtenstein, Luxembourg, Malaysia, Malta, Monaco, the Netherlands, New Zealand, Norway, Portugal, Singapore, Spain, Sweden, Switzerland, U.K. and U.S.A.

For more information on entry requirements, please go [here](#).



## CONFERENCE FEES

Conference fees will cover attendance to all scientific sessions, conference kit, three lunches during the conference, coffee breaks, transportation between hotels and the meeting venue, an evening welcome reception, and a closing banquet (reservation required). Space in the conference will be limited. Participants must register and pay the conference fee to ensure a place in the conference. Payment of the conference fee can only be made by credit card (see How to Register, below). The conference fee will be waived for all speakers and recipients of travel bursaries. Participants whose abstracts have been accepted must register by 1 July or their place in the program will be canceled.

### Conference fees:

	By July 1	After July 1
Delegate	NT \$6,800 / US \$200	NT \$8,500 / US \$250
Student*	NT \$3,400 / US \$100	NT \$5,100 / US \$150
Accompanying person**	NT \$3,400 / US \$100	NT \$5,100 / US \$150

Exchange rate: NT\$34 to US\$1 (as of April, 2007 and is subject to change)

\* Participants registering as students must provide a letter from their head of department to support their application. Please complete the [student identification form](#) provided on the conference website and return it to the Conference Secretariat upon registration.

\*\* Fee for accompanying persons covers three lunches, the evening reception, and the closing banquet.

### How to Register for the Conference:

*Online:* Use the online Registration & Hotel Reservation System, accessible on the [conference website](#).

*By fax, e-mail or air mail:* Print and complete the [Conference Registration Form](#) and return it to the Conference Secretariat at:

2F, 316, Wen-chang Street, Taipei, 110, Taiwan; Fax: 886-2-8789-3602/3

Telephone: 886-2-8780-5688 ext. 136; E-mail: BOL2007@convention.com.tw

### Cancellation/refund policy:

Any cancellation or change must be received and confirmed by the Conference Secretariat in official written notice via letter, fax, or e-mail. The refunds will be processed one month after the conference, less the applicable taxes and bank handling charges.

### Deadlines for refund:

Date received	By August 15, 2007	After August 15, 2007
Refunds	70%	NO REFUND

## NAME BADGES

Your name badges are coded to indicate your category of participation and also to provide information important to the Secretariat. The name badge serves as authorization for entry to all sessions of the event including meeting, functions and excursions.

## LOCATION AND SHUTTLE INFORMATION

The conference venue, the Research Centre for Humanities & Social Sciences, Academia Sinica, is located at 128, Academia Rd., Sec. 2, Taipei. Shuttle service will be provided between the conference venue and the hotels listed below. The timetable of the shuttles will be posted on the conference website and at the hotels, and will be included in the conference packets distributed at the registration table.

## ACCOMMODATIONS

With your comfort and convenience in mind, special accommodation rates have been negotiated with four congress hotels. The conference organizers have reserved blocks of hotel rooms that offer participants a range of prices. Preference for rooms at the Academia Sinica Activities Center (AAC) will be given to participants with more limited budgets (i.e., students and participants from developing countries).

Hotel	Room type and special rate per night (tax included) (exchange rate approximately US\$1 to NT\$34)	# of rooms	Breakfast	Distance from venue (by shuttle)
Academia Sinica Academic Activities Center (AAC) <a href="http://www.sinica.edu.tw/~caa/index/a.htm">http://www.sinica.edu.tw/~caa/index/a.htm</a>	<ul style="list-style-type: none"><li>□ Single room (one bed) NT\$800/US\$24</li><li>□ Superior single room (one bed) NT\$1,100/US\$32</li><li>□ Double room (two beds) NT\$1,200/US\$35</li><li>□ Superior double room (two beds) NT\$1,400/US\$41</li></ul>	20 30 14 26	Not Included	100 meters
Howard International House Taipei <a href="http://intl-house.howard-hotels.com/?Lsn=2">http://intl-house.howard-hotels.com/?Lsn=2</a>	<ul style="list-style-type: none"><li>□ Standard single room (one bed) NT\$1,800/US\$53</li><li>□ Delux double room (one bed) NT\$3,300/US\$97</li><li>□ Standard twin room (two beds) NT\$2,250/US\$66</li></ul>	20 25 5	1 2 2	20 minutes
Leader Hotel Taipei <a href="http://www.leader-hotel.com/taipei/">http://www.leader-hotel.com/taipei/</a>	<ul style="list-style-type: none"><li>□ Superior single room (one bed) NT\$2,900/US\$85</li><li>□ Delux single room (one bed) NT\$3,200/US\$94</li><li>□ Superior twin room (two beds) NT\$3,200/US\$94</li></ul>	4 7 25	1 1 2	40 minutes
The Howard Plaza Hotel Taipei <a href="http://taipei.howard-hotels.com/">http://taipei.howard-hotels.com/</a>	<ul style="list-style-type: none"><li>□ Superior single room (one bed) NT\$4,200/US\$124</li></ul>	50	1	25 minutes

### How to register:

**Online:** Use the online Registration & Hotel Reservation System, accessible on the [conference website](#).

**By fax, e-mail or air mail:**

Please print and complete the [Hotel Reservation Request form](#) and return it to the Conference Secretariat at

2F, 316, Wen-chang Street, Taipei, 110, Taiwan

Fax: 886-2-8789-3602 E-mail: BOL2007@convention.com.tw

### Important notes:

We will pass your reservation to the hotel you choose, and they will contact with you for further arrangement, including payment details. Prices quoted are per room/per night, and all reservations must include a one night deposit.

Any cancellation or change must be received and confirmed by the Conference Secretariat in official written notice via letter, fax or e-mail before Sept. 3, 2007. One night deposit will be charged by hotel after this date or for no-show.