

25th International Ornithological Congress

Campos do Jordão, Brazil

22 - 28 August 2010



A welcome message and an invitation from the Congress President

Greetings to Ornithologists from around the world,

It is with great pleasure that I invite you to attend the XXV International Ornithological Congress to be held in Campos do Jordão, Brazil, from August 22 – 28, 2010. This will be the first International Ornithological Congress to be held in Latin America organized under the auspices of the Sociedade Brasileira de Ornitologia. In this age of rapid global change and loss of biodiversity, scientists from all continents will discuss basic research, conservation and educational issues that are critical now and for the future. A trademark of the Congress is coverage of topics from ecology, behavior and evolutionary biology to molecular biology and physiology, not only as individual disciplines but also in highly integrative ways. For example, we are particularly excited about a symposium on avian genomics that will provide 21st century research tools for all branches of ornithology.

An important event of the congress will be the initiation of an International Ornithologist's Union. At the XXIV International Ornithological Congress in Hamburg in 2006, the International Ornithological Committee voted to approve formation of the Union to promote international collaboration in ornithological research, education and outreach. This has been achieved and the Union has new statutes and has been incorporated as an organization to provide continuity between congresses, a permanent base for publications and a website where ornithologists from all over the world can communicate, discuss arising issues and plan future collaborations. The framework for the Union will be open for discussion by the International Ornithological Committee and by individual delegates to the congress.

The Scientific Program Committee has assembled an outstanding roster of ten plenary speakers and forty eight symposia. Contributed papers and posters are now invited, and round table discussions are encouraged to promote discussion of ornithological issues from education to research, international collaborations, conservation etc. There will be two evening venues to highlight the biodiversity of this region. One is focused on Brazilian culture organized by the local committee, and the other is a President's forum entitled Ornithology in the Neotropics: contributions to basic biology and conservation. The latter will be organised by the President of the Congress and representatives from Latin American countries who are at the forefront of neotropical ornithology. Pre- and post-congress tours are being planned to the major biological regions of the neotropics, as well as cultural tours exploring the rich traditions of the Brazilian people.

The venue of the congress, Campos do Jordão is a small town in the Atlantic mountains between São Paulo and Rio de Janeiro. The conference centre is surrounded by hotels and many small cafes and restaurants where delegates can meet at lunch and in the evening. Stands of Atlantic forest can be found within the town and the surrounding area with outstanding opportunities for hiking and bird watching. This area has a high level of endemism with many species found nowhere else. This is an ideal venue for ornithologists from all nations and all disciplines to meet, present their work and discuss their science. It is my sincere hope that you will be able to join us.

John C. Wingfield

General Congress information

Venue

Campos do Jordão Convention Centre www.camposdojordaoconvention.com.br/

Dates

August 22-28, 2010

August 22 Registration and reception

August 23-24 Working days

August 25 Congress free day

August 26-28 Working days

Congress language

The working language of the Congress will be English.

Registration fees

The delegate registration fee includes access to the full programme, a pdf file of the abstracts, the proceedings, and attendance at the opening ceremony and reception. The registration fee

for accompanying persons covers attendance at the opening ceremony and reception, and access to the Accompanying Persons' programme.

All values are in Brazilian Reais (R\$). Please check the World Bank List of country classification at the IOC's webpage (www.i-o-c-org OR www.acquaviva.com.br/ioc2010).

Category	Until 15 October 2009	After 15 October 2009
High income country resident- Professional	R\$ 1.050,00	R\$ 1.320,00
High income country resident – Student	R\$ 700,00	R\$ 880,00
Lower income country resident - Professional	R\$ 600,00	R\$ 750,00
Lower income country resident – Student	R\$ 350,00	R\$ 440,00
Brazilian - Professional	R\$ 450,00	R\$ 670,00
Brazilian - Students	R\$ 230,00	R\$ 290,00
Accompanying Person	R\$ 350,00	R\$ 350,00

Important note

Submission of any contribution in the congress programme is contingent on payment in full of the conference registration fee by October 15.

Financial aid

The following financial aid will be offered: lower income country residents already have reduced registration fees. Travel and accommodation assistance will be available to a few participants in addition, based primarily on financial need and contribution to the Congress. Instructions for applications for subsidies are posted at www.i-o-c-org OR www.acquaviva.com.br/ioc2010.

Cancellation

If you have already registered and other responsibilities or personal obligations prevent you from attending the 25th IOC, we encourage you to send a substitute. Substitutions can be made at any time, even on-site at the conference. If you have to cancel your participation, we can refund your conference fee according to the table below. All cancellations of registration and substitutions must be in writing to the Congress Secretariat (ioc2010@acquaviva.com.br).

Note that the dates below refer to dates of receipt by the Congress Secretariat.

70% refund until 08 July 2010
 50% refund between 09 July and 23 July 2010
 30% refund between 23 July and 07 August 2010
 0% refund after 07 August 2010

Please pre-register online at www.i-o-c-org OR www.acquaviva.com.br/ioc2010

Call for contributed papers and round table discussions

1. Outline of the scientific programme

The scientific programme consists of 10 plenary lectures and 48 symposia, together with contributed oral papers, posters, round table discussions, and special interest group meetings.

Plenary lectures are keynote addresses by outstanding ornithologists.

Symposia cover a wide range of current ornithological topics. Each symposium will feature five papers, with two keynote speakers and three papers chosen from submitted abstracts.

Contributed oral papers and posters will cover unpublished original research or new syntheses. Oral papers will be selected from submitted abstracts by review panels of the Scientific Programme Committee.

Round table discussions are forums for discussion on specialist topics. They can include new scientific findings, new directions in a particular field, methods, techniques and hypotheses.

Special interest groups may arrange to meet during the Congress. Requests for such meetings should be sent to the Congress Secretariat ioc2010@ib.usp.br

2. Plenary lectures

Luis Chiappe (Los Angeles, United States)

The early evolution of birds: recent discoveries and ongoing arguments

Christine Dranzoa (Kampala, Uganda)

Uganda's avifauna in the living landscape: rural livelihoods and biodiversity conservation

Hiroyoshi Higuchi (Tokyo, Japan)

Migration studies connecting nature and people of the world

Regina Macedo (Brasilia, Brazil)

Fine feathers do not make a fine bird. Or do they? - Implications for sexual selection in Neotropical birds

Graham Martin (Birmingham, United Kingdom)

Through birds' eyes: some adventures and insights in sensory ecology

Kathy Martin (Vancouver, Canada)

Avian strategies for living at high elevation: life history variation and other enabling factors

Pilai Poonswad (Bangkok, Thailand)

Basic approaches and the fate of hornbills in Thailand: a prototype for hornbill-people relationships

Lesley Rogers (Armidale, Australia)

The two hemispheres of the avian brain: their differing roles in perceptual processing and expression of behaviour

Marcel Visser (Heteren, The Netherlands)

Seasonal timing in a warming world

John Wingfield (Davis, United States)

The challenge hypothesis: behavioural ecology to neurogenomics

3. Critical dates

- | | |
|------------------|---|
| 15 October 2009 | Registration of participants, submission of abstracts for symposia papers, oral papers and posters, and submission of proposals for round table discussions |
| 26 February 2010 | Delegates will be informed of acceptance of their abstract |
| 26 February 2010 | Submission of requests for special interest group meetings |

4. Instructions for submission of abstracts

All abstracts for oral papers to be considered for a symposium, standard oral papers, posters and round table discussions must be submitted online at www.i-o-c.org OR www.acquaviva.com.br/ioc2010

The deadline for submission of abstracts is 15 October 2009, and delegates will be informed of acceptance of their abstract by 26 February 2010.

Abstracts that arrive after the deadline will NOT be considered for a symposium or standard oral paper. They may be considered for posters if space permits.

Final inclusion of any contribution in the congress programme is contingent on payment in full of the conference registration fee and a commitment to attend the conference.

Note:

PLEASE DO NOT SUBMIT MORE THAN ONE ABSTRACT AS FIRST AUTHOR FOR AN ORAL CONTRIBUTION. IF YOU ARE ALREADY A SYMPOSIUM OR PLENARY SPEAKER, DO NOT CONTRIBUTE AN ABSTRACT FOR AN ORAL PAPER. AUTHORS OF PLENARIES, SYMPOSIUM PAPERS, ORAL PAPERS AND POSTERS

MAY ALSO PROPOSE A ROUND TABLE DISCUSSION. DELEGATES MAY SUBMIT ONE ORAL CONTRIBUTION OR ONE POSTER AS FIRST AUTHOR.

Abstracts will be reviewed by members of the Scientific Programme Committee.

Contributions on any topic in all fields of ornithology are called for. There are four categories for contributions:

1. oral paper to be considered for symposium
2. standard oral paper
3. poster
4. round table discussions

1. Oral paper to be considered for symposium

Symposia will consist of 2 keynote speakers (already chosen) and 3 oral papers that will be chosen from submitted abstracts for contributed papers. These oral papers will be 17 min long with 4 min for questions.

If you wish your oral contribution to be considered for inclusion in a symposium, you must enter the symposium number in the appropriate box on the online form.

If your abstract is not chosen for a symposium, it will automatically be considered for a standard oral paper. Hence, you must also check a subject area box (see below, under subject areas).

2. Standard oral paper

Standard oral papers will consist of 12 min talks, with 3 min for questions. Abstracts that are not accepted for oral papers will automatically be considered for posters.

3. Poster

Poster contributions are encouraged for the 25th IOC. Abstracts that are not accepted for oral presentations will automatically be considered for a poster.

4. Round table discussions

Round table discussions (RTD) will be held in the evenings and will last 2 hours. Any group or individual may submit an abstract for a round table discussion. RTDs are intended as a forum for discussion and should not contain long oral presentations by organizers: a few brief introductory comments and a list of discussion questions or issues are sufficient. The abstract should contain a statement of purpose and a list of issues to be discussed. Abstracts for round table discussions will be considered by the Scientific Programme Committee, and acceptance of abstracts for RTDs will be subject to room availability.

Subject areas for oral papers, posters and round table discussions

- SA1 Behaviour and behavioural ecology
- SA2 Community and landscape ecology and conservation
- SA3 Evolutionary biology
- SA4 Macroecology
- SA5 Migration and orientation
- SA6 Morphology, ecomorphology, evo-devo and development
- SA7 Nutrition, energetics and foraging
- SA8 Physiology, and cell and molecular biology
- SA9 Population and individual ecology
- SA10 Population genetics and phylogeography
- SA11 Species and population conservation
- SA12 Systematics, biogeography and paleontology
- SA13 Other subjects

Format for abstracts

Please follow the format of the example below when submitting abstracts through the conference website:

Contribution type: oral in symposium standard oral poster RTD

Seasonal changes in behaviour in the welcome swallow (*Hirundo neoxena*)

J. Anderson 1, C. Matthews 1 and F. Jackson 2

1 Dept. of Ornithology, Massey University, Palmerston North, New Zealand

2 Dept. of Zoology, Coromandel University, Tauranga, New Zealand

Email: j.z.anderson@massey.ac.nz

Abstracts must be in one paragraph and be no more than 2 000 characters in length (2 000 characters is approximately 250 words with spaces).

Common names of birds should begin with lower case and not capital letters, unless the first name is a place or person's name e.g. chestnut woodpecker, Amazonian antpitta, bamboo antshrike, Johannes's tody-tyrant. Scientific names should be in italic. Please do not use figures, tables, superscripts or subscripts, Greek letters or special symbols.

The abstracts will be edited, and minor revisions may be made in style, grammar, wording, and spelling if needed. The authors will be contacted if their abstract requires extensive revision.

All abstracts submitted in due time and with appropriate full registration fee paid will be included in the electronic abstract book which will be available to delegates before the Congress.

5. Symposia

Titles and convenors for the 48 symposia are listed below. Full symposia details including abstracts and keynote speakers can be downloaded from the conference website.

- S1 Avian social complexity
Convenors: Thomas Bugnyar (Austria) and Isabella Scheiber (Austria)
- S2 Developmental stress and birdsong: current evidence and future directions
Convenors: Scott MacDougall-Shackleton (Canada) and Karen Spencer (United Kingdom)
- S3 Avian vocal learning and development
Convenors: Gisela Kaplan (Australia) and Martine Hausberger (France)
- S4 Sexual behaviour of tropical birds
Convenors: Leonida Fusani (Italy) and Barney Schlinger (United States)
- S5 Recent advances in the breeding biology of Psittaciformes
Convenors: Juan Masello (Germany) and Robert Heinsohn (Australia)
- S6 Evolution of avian breeding systems: conflict and cooperation
Convenors: Tamás Székely (United Kingdom) and Jan Komdeur (The Netherlands)
- S7 Studying birds in the context of the annual cycle: carry-over effects and seasonal interactions.
Convenors: Peter Marra (United States) and Jennifer Gill (United Kingdom)
- S8 Maternal antibodies in eggs: linking ecological and evolutionary implications
Convenors: Thierry Boulinier (France) and Jennifer Grindstaff (United States)
- S9 Physiology and ecology of seasonality: are physiological measurements valid proxies for timing of life-history events?
Convenors: Tony Williams (Canada) and Marcel Visser (The Netherlands)
- S10 Building ornithological capacities in developing countries
Convenors: Elisa Bonaccorso (Peru) and Mochamad Indrawan (Indonesia)
- S11 Reintroduction and the restoration of avian populations
Convenors: Christine São Bernardo (Brazil) and Philip McGowan (United Kingdom)
- S12 Habitat fragmentation in tropical forest birds
Convenors: Luiz dos Anjos (Brazil) and Thomas W. Sherry (United States)

- S13 Tools for our future: landscape approaches to bird research, conservation and habitat restoration in a changing world
Convenors: Andrew Huggett (Australia) and María Elena Zaccagnini (Argentina)
- S14 Ornithology, conservation action and policy: bridging the gaps
Convenors: Jaqueline Goerck (Brazil) and Stuart Butchart (United Kingdom)
- S15 Nesting biology of grassland birds
Convenors: Jim Herkert (United States) and Miguel Ângelo Marini (Brazil)
- S16 Bird conservation on agricultural land
Convenors: Chris Elphick (United States) and Mark Whittingham (United Kingdom)
- S17 Bird conservation and free-ranging domestic cats: problems and solutions
Convenors: Nico Dauphiné (United States) and Oscar Beingolea (Peru)
- S18 Avian diseases: emerging infectious diseases in wild birds
Convenors: Fumin Lei (China) and Alexander Shestopalov (Russia)
- S19 Structuring processes and determinants of diversity in cavity nesting bird communities
Convenors: Kathy Martin (Canada) and Tomasz Wesolowski (Poland)
- S20 Ecology and distribution of bamboo specialist birds
Convenors: Kristina Cockle (Canada) and Juan Ignacio Areta (Argentina)
- S21 Adaptation and endemism in and environmental threats to coastal marsh avifaunas
Convenors: Russell Greenberg (United States) and Juan Pablo Isacch (Argentina)
- S22 Resolving the avian tree of life
Convenors: Allan Baker (Canada) and Scott Edwards (United States)
- S23 Wild journeys: status and prospects of tracking individual, long-distance migrants
Convenors: Martin Wikelski (United States) and Kasper Thorup (Denmark)
- S24 Avian brood parasites and their hosts
Convenors: Fugo Takasu (Japan) and Wei Liang (China)
- S25 Paleontology: fossil evidence for the early evolution of extant birds
Convenors: Gerald Mayr (Germany) and Julia Clarke (United States)
- S26 Migrant responses to environmental conditions: integrating ecological and physiological approaches
Convenors: Marilyn Ramenofsky (United States) and Barbara Helm (Germany)

- S27 Phenotypic changes in islands birds
Convenors: Rita Covas (South Africa) and Claire Doutrelant (France)
- S28 Harnessing the power of research networks to reveal and contrast avian life cycle patterns and life history evolution
Convenors: Robert Clark (Canada) and Viviana Massoni (Argentina)
- S29 The avian embryo's role in life-history evolution and incubation behaviour
Convenors: Christopher Olson (United States) and Jan-Åke Nilsson (Sweden)
- S30 Avian functional genomics: a new approach to understanding genome - behavioural - environmental interactions
Convenors: Claudio Mello (United States) and Peter Sharp (United Kingdom)
- S31 Complex functional-morphological adaptations of birds to flight
Convenors: Andrei Zinoviev (Russia) and Dominique Homberger (United States)
- S32 Flight in the air and in the water: a synthesis of biomechanical, physiological and behavioural studies
Convenors: Yutaka Watanuki (Japan) and Henri Weimerskirch (France)
- S33 Functional morphology and terrestrial locomotion of birds
Convenors: Anick Abourachid (France) and Elizabeth Höfling (Brazil)
- S34 Information and decision making by migrants during stopover
Convenors: Frank Moore (United States) and Fernando Spina (Italy)
- S35 The magnetic compass: calibration and sensory mechanisms in migratory birds
Convenors: Rachel Muheim (Sweden) and Henrik Mouritsen (Germany)
- S36 Bird migration in the Southern Hemisphere: lessons from South America
Convenors: Kimberly Smith (United States) and Victor Cueto (Argentina)
- S37 Across the great divides: how ecological barriers affect the biogeography and ecology of long-distance passerine migration
Convenors: Scott McWilliams (United States) and Ulf Bauchinger (Germany)
- S38 Climate change and long-distance migrant landbirds
Convenors: Humphrey Crick (United Kingdom) and Charles Francis (Canada)

- S39 Why males arrive before females in spring? Proximate and ultimate causes of protandry, and its response to current environmental change
Convenors: Francisco Pulido (Spain) and Timothy Coppack (Switzerland)
- S40 Energy metabolism in migrants: metabolic adaptations and hormonal regulation
Convenors: Susanne Jenni-Eiermann (Switzerland) and Christopher G. Guglielmo (Canada)
- S41 Inferring macroecological and biogeographic processes from open-access electronic data resources
Convenors: Humberto Berlanga (Mexico) and A. Townsend Peterson (United States)
- S42 Corticosterone - long-term impacts on life-history
Convenors: Jesko Partecke (Germany) and L. Michael Romero (United States)
- S43 Moulting and the ecophysiology of the post-breeding period
Convenors: Steven Portugal (United Kingdom) and Alastair Dawson (United Kingdom)
- S44 Behavioural, ecological and evolutionary adaptations of birds and their plumage microorganisms
Convenors: Edward Burt, Jr. (United States) and Philipp Heeb (France)
- S45 New views on the production and behavioural action of steroids in the avian brain
Convenors: Jacques Balthazart (Belgium) and Gregory Ball (United States)
- S46 Biological clocks in birds: from behaviour to molecules
Convenors: Vinod Kumar (India) and Vincent Cassone (United States)
- S47 Physiological control of phenotype: insights from the tropics and southern hemisphere birds
Convenors: Katherine Buchanan (Australia) and Michaela Hau (Germany)
- S48 Linking individual variation, demography and population dynamics
Convenors: Steven Beissinger (United States) and Ken Norris (United Kingdom)

Special events

Evening August 23, 2010

Brazilian Evening: Cultural Event

Evening August 26, 2010

Presidential Forum: Ornithology in the Neotropics: contributions to basic biology and conservation.

Proceedings

The Proceedings will be published after the Congress. They will contain the full texts of plenary lectures and all symposium papers. More information and instructions for preparing full papers will appear in the Second Circular.

Social Programme

An **Opening Reception** will be held at the Campos do Jordão Convention Center at 19:00 on August 22, 2010.

A **Congress Banquet** will be held at the Campos do Jordão Convention Center at 20:00 on August 28, 2010. Tickets must be booked through the website www.i-o-c.org OR www.acquaviva.com.br/ioc2010

Tours

Birding and nature tours will be offered before, during and after the Congress.

Pre- and post-Congress tours

A list of tour agencies will be available at www.i-o-c.org OR www.acquaviva.com.br/ioc2010

Mid-congress excursions

There will be a number of mid-congress excursions to the wider surroundings of Campos do Jordão. More details will be available in the second circular.

Early morning bird walks

Early morning bird walks (1.5 hours) around the venue and in the wider city of Campos do Jordão will be organised by local ornithologists.

Accommodation

Accommodation should be booked directly with selected hotels, bed and breakfast and hostels. A list of accommodation options will be available at www.i-o-c.org OR www.acquaviva.com.br/ioc2010

Travel

There are flights to and from São Paulo International Airport at Guarulhos (GRU) from 26 countries. For flight information see also www.infraero.gov.br/usa/

There will be a pre-booked service of buses and vans from the airport to Campos do Jordão. Prices and schedules will be available at www.i-o-c.org OR www.acquaviva.com.br/ioc2010

The Campos do Jordão Convention Centre is located in the centre of Campos do Jordão and is within walking distance of many attractions and hotels.

Passports and visas

Passports, valid for at least six months from the entry into Brazil, and entry visas are required for visitors to Brazil from various countries. For details see

www.braziltour.com/site/en/home/ or consult the nearest Brazilian diplomatic mission.

Congress participants should first register with the appropriate registration fee, and then contact the Congress Secretariat (ioc2010@acquaviva.com.br) which will then send a formal invitation upon request. You should apply for a visa in advance before departure for Brazil.

Climate

Campos do Jordão is located at 1 700 m above sea level. The average maximum temperature in August is 20 degrees Celsius, and the average minimum temperature is 4 degrees Celsius. Early morning temperatures can be as low as 0 degrees Celsius, so bring warm winter clothes. The monthly average rainfall in August is 39.8 mm precipitation.

Liabilities

The Congress organisers cannot accept responsibility for personal accidents or damage to any personal property of Congress participants and accompanying persons. It is advisable to arrange for personal insurance for the duration of the Congress and any pre- and post-Congress trips.

Contacts

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