



26th International Ornithological Congress

第二十六回国際鳥類学会議

18-24 August 2014, Rikkyo University, Tokyo, Japan

Organizers

International Ornithologists' Union (IOU)

Host:

IOC2014 Organizing Committee

Co-hosts:

The Ornithological Society of Japan (OSJ)

Rikkyo University

Congress President:

Prof. Franz Bairlein (Germany)

Secretary of the International Ornithologists' Union:

Prof. Dominique Homberger (USA)

Chair of the Scientific Program Committee:

Prof. Erik Matthysen (Belgium)

Congress Convener:

Prof. Keisuke Ueda (Japan)

program book

第二十六回国際鳥類学会議

26th International Ornithological Congress

18-24 August, 2014
Rikkyo University
Tokyo, Japan



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Welcome Address



Dear ornithologists, colleagues and friends,

I am extending a warm welcome to the 26th International Ornithological Congress, which is hosted by the Ornithological Society of Japan and convened by Professor Keisuke Ueda. Japanese ornithology has enjoyed a long and distinguished history in all areas of avian biology and maintaining a wide international network of collaborative studies. The host and sponsors of the 26th International Ornithological Congress enabled many avian biologists and ornithologists from all over the world to attend the congress and present their studies.

International ornithological congresses have a long history of integrating all branches of science, from basic research in physiology, morphology, and molecular biology, to applied research in conservation, medicine, and agriculture, because birds are the experimental vertebrates of choice when trying to find answers to problems in these various areas. Birds have conquered all of the Earth's biomes; their body sizes range from the tiniest hummingbird to the enormous moas, and they share diurnality, color vision, visual and vocal communication, and three-dimensional space with us humans. Therefore, international ornithological congresses have maintained their unique position as "one-stop" events where it is possible to survey and integrate the latest advances in a great variety of scientific disciplines and to make new conceptual and professional connections. Ornithology also enjoys the distinction of attracting a large and increasing number of amateurs who are interested and involved in various research projects, and the 26th International Ornithological Congress will include programs that will be of interest to both professional and amateur ornithologists.

The 26th International Ornithological Congress also offers a variety of pre-congress, mid-congress and post-congress tours, which will be accompanied by expert ornithologists, to destinations that are of special interest to ornithologists and often outside the more easily accessible spots.

Such an IOC could not happen without the sustained and enormous effort of many people. Among them, two should be particularly acknowledged: Professor Keisuke Ueda, the Chair of the Local Organizing Committee, who has been responsible for organizing this congress, and Professor Erik Matthysen, the Chair of the Scientific Program Committee, who was responsible for the preparation of an outstanding scientific program.

I herewith welcome you again and wish you a productive and enjoyable time at the 26th International Ornithological Congress.



Professor Dr. Franz Bairlein

President, 26th International Ornithological Congress, Tokyo 2014

President, International Ornithologists' Union, 2010-2014

Welcome Address



Dear Colleagues and Fellow Ornithologists,

As Secretary of the International Ornithologists' Union, I am welcoming you to the 26th International Ornithological Congress in Tokyo. The idea for an IOCongress in Tokyo was conceived in the late 1980s, and planning started in 2000 at the Scientific Program Committee meeting for the 23rd IOCongress in Beijing. During my subsequent visit to Tokyo in 2008 to support the preparations for the formal invitation by Japan at the 25th IOCongress in Campos do Jordão in Brazil, I was impressed and delighted by the facilities at the beautiful campus of Rikkyo University; the hotels, restaurants and transportation infrastructure of the surrounding Ikebukuro District; and the wonderful colleagues, knowledgeable amateur bird-watchers, and staff who were ready to organize the 26th IOCongress.

The 2014 IOCongress is the 10th IOCongress I have attended. The IOCongresses are unique and very special events that bring together ornithologists from all corners of the World. No other international congress moves its venues from one continent to the other, attracts participants from all continents, and presents contributions from all fields of biology dealing with birds, from anatomy, ecology, evolution to paleontology, physiology, and zoogeography, to name just a few.

This is the 10th IOCongress I have attended, and it is through these congresses that I have built some of my closest and most enduring collaborations and friendships with colleagues across the globe. Many colleagues have expressed similar sentiments regarding the IOCongresses. As our scientific community is increasingly global, with some of the fastest growth in ornithology occurring in Asia, South America, and Africa, and as science is becoming more integrative and collaborative, the 26th International Ornithological Congress and future IOCongresses are perfectly positioned to support the interests and aspirations of ornithologists the world over. But to continue and realize this promising trajectory, the next generations of ornithologists will need to get involved as members and volunteers in the affairs of the International Ornithologists' Union (IOU), the parent organization of the IOCongresses. I am confident that will happen.

Thank you very much, and welcome again,

Dr. Dominique G. Homberger

Professor of Biological Sciences

Secretary, International Ornithologists' Union, 1998-present

Welcome Address



Dear colleagues and friends ornithologists,

The International Ornithological Congress has a strong tradition of bringing together the latest and best research on birds, with a mixture of review papers presenting an overview of their field, and topical contributions on recent findings. I am fully confident that the 26th IOC in Tokyo 2014 will continue this tradition and provide not only a highly enjoyable but also a scientifically rewarding environment, where we can meet, share ideas and insights, and strengthen our collaborations in the global science that ornithology has always been.

It is therefore my pleasure to welcome you to the 26th International Ornithological Congress and I look forward to meet you all in person. I want to take this opportunity to thank all speakers and poster presenters for their stimulating contributions, as well as the symposium convenors and program committee members for their indispensable help in constructing the scientific program.

See you in Tokyo,

Professor Dr. Erik Matthysen
Chair of Scientific Program Committee



Dear Colleagues,

Welcome to the 26th International Ornithological Congress at Tokyo. On behalf of the ornithological society of Japan and as a congress convener, I would like to say a greeting to all the colleagues from the bottom of my heart.

Ornithology is developing rapidly and widely from molecular biology to community ecology in Japan and throughout Asia as well as other parts of the world. The conservational activities for birds have also been advancing in this area. This congress provides a great opportunity for all the participants to discuss about current ornithological problem.

I wish to say specially to you. Japanese nature and culture are unique and wonderful. Enjoy Japanese nature and culture during your stay.

Prof. Keisuke Ueda
Congress Convener

Committee

International Ornithologists' Union (IOU)

Host:

IOC2014 Organizing Committee

Co-host:

The Ornithological Society of Japan (OSJ)
Rikkyo University

Congress President:

Prof. Franz Bairlein (Germany)

Congress Convener:

Prof. Keisuke Ueda (Rikkyo University)

National Committee:

Prof. Hiroyoshi Higuchi (Chair, Keio University),
Yasuo Ezaki, Hiroshi Nakamura, Isao Nishiumi, Keisuke Ueda, Hisashi Nagata, Hitoshi Sato, Kiyooki Ozaki,
Kazuyoshi Tsutsui, Masaru Wada, Kazuo Okanoya, Toshiya Matsushima, Shigeru Watanabe,
Makoto Manabe, Yutaka Watanuki

Local Committee:

Isao Nishiumi (Chair, National Museum of Nature and Science),
Hisashi Nagata, Hiroshi Momose, Yu Kanai, Shoji Hamao, Masaoki Takagi, Hiroko Fujiwara,
Masahiko Nakamura, Teruaki Hino, Yutaka Watanuki, Masahiro Fujioka, Hisashi Sugawa, Fugo Takasu,
Hidetsugu Sakai, Mutsuyuki Ueta, Kazuto Kawakami, Akinori Takahashi, Shin-ichi Seki, Yuko Hayashi,
Saiko Shiraki, Kayoko Kameda, Hideki Ichihashi, Kiyooki Ozaki, Ken Ishida, Nobuhiko Kotaka,
Masayuki Kurechi, Toru Yamazaki, Tatsuya Amano, Nariko Oka, Eiichi Izawa, Masayo Soma, Osamu Mikami,
Teruyo Oba

Scientific Program Committee:

Erik Matthysen (Chair, University of Antwerp)
Andy Gosler, UK: Population Biology
Marcel Klaassen, Australia: Migration
Regina Macedo, Brazil: Behavioral Ecology
Kathy Martin, Canada: Life Histories
Berry Pinshow, Israel: Physiology
Dewi Prawiradilaga, Indonesia: Conservation Science
David Winkler, USA: Citizen Science

Ex-officio:

President: Franz Bairlein, Germany
Past-President: John Wingfield, USA
Secretary: Dominique Homberger, USA
Past-Chair SPC: Scott Edwards, USA

Local Organizing Committee:

Keisuke Ueda
Keita Tanaka
Nozomu Sato
Masayoshi Kamioki
Yuji Okahisa
Ryoko Yonekura

In Association with:

BirdLife International Asia Division
The Ecological Society of Japan
The Japan Society for Avian Endocrinology
The Japan Society for Comparative Endocrinology
Japanese Association of Zoos and Aquariums
Japanese Bird Banding Association
Japanese Society for Preservation of Birds
Japanese Society of Zoo and Wildlife Medicine
Palaeontological Society of Japan
Tokyo Convention & Visitors Bureau
Tokyo Metropolitan Government
Yamashina Institute for Ornithology
Wild Bird Society of Japan
WWF Japan

Event Planning and Coordination:

Mizuki Maruyama & Hanako Kamimura
Convention Services Group, ISS, INC.

Sponsors



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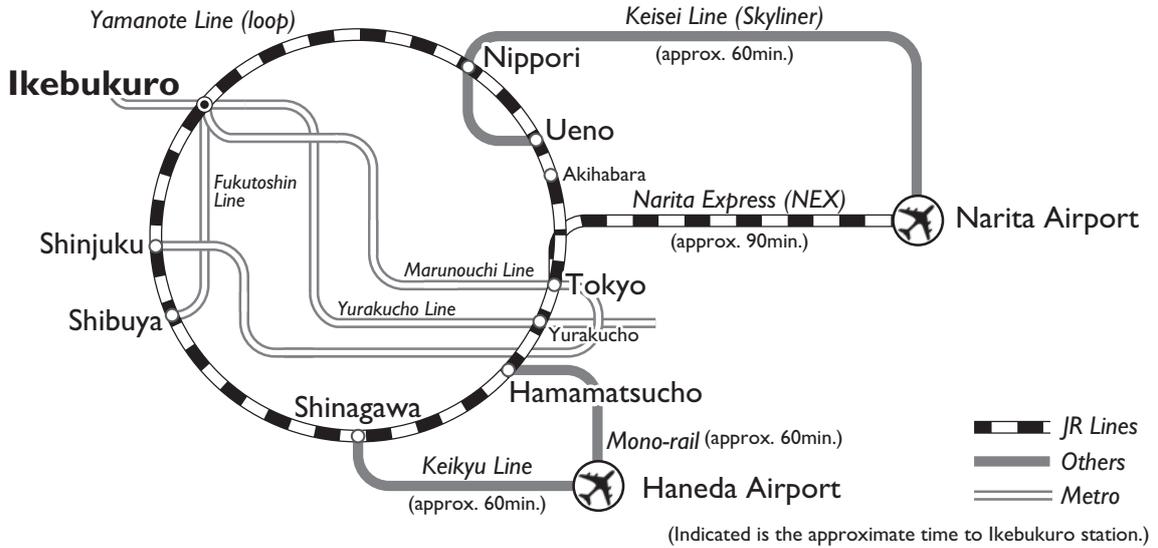
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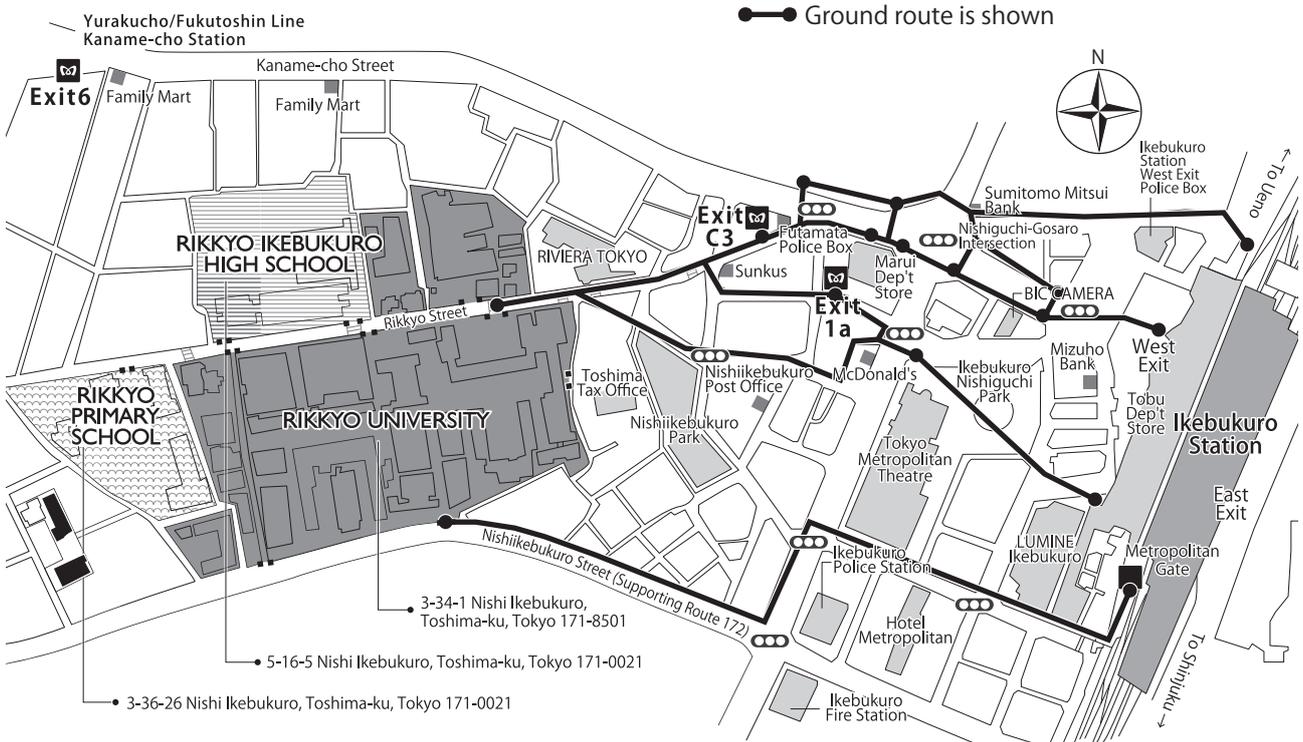
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Access

● Access to central Tokyo from the international airports



Rikkyo University (Ikebukuro)



Kaname-cho Station

- Tokyo Metro : Yurakucho, Fukutoshin Line
- <Exit6> 6min. walk to the University Main Gate

Ikebukuro Station

- JR Line : Yamanote, Saikyo, Shonan-Shinjuku Line
- Tokyo Metro : Marunouchi, Yurakucho, Fukutoshin Line
- Tobu Tojo Line
- Seibu Ikebukuro Line
- <West Exit> 7min. walk to the University Main Gate

Guidelines for Presenters

1. Speakers in Symposia/Orals

We would provide Windows 7 (English version) installed PCs equipped in each room (from which any file except those preinstalled is automatically deleted during the shutdown).

The PDF should be the most compatible format for presentation files, but PPT/PPTX would be acceptable. Please name the presentation file after your presentation ID (e.g., s07-02K.pdf). Check your presentation ID and the room on the website (coming soon).

Please bring your presentation file in a removable storage device (USB-connecting devices are recommended), copy it in the equipped PC in each room, and confirm on your own responsibility whether your file runs properly until your session (not your talk) starts. You can check your presentation using the equipped PC in each room at:

Morning (19 Aug – 24 Aug): 0930h – 0955h (during coffee break)

Afternoon (19 Aug – 23 Aug): 1530h – 1555h (during core poster time)

Afternoon (24 Aug): 1430h – 1455h (during coffee break)

Please be sure that the presentation file is not infected by viruses. If infected, copying of the file onto the hardware might be rejected by the security system. If you need help checking of viral infection, please ask any staff at the reception or the local committee office until the day before your talk.

We would accept presentation files sent by email prior to your travel. We will store these files in our server so that you can access them from the equipped PC in your presentation room. Please send us your presentation file to:

ioc26.tokyo+sympo@gmail.com (symposia)

ioc26.tokyo+oral@gmail.com (orals)

if you would like (deadline: 17 Aug). Please check your file running properly by yourself before your session starts.

Though not recommended, you are also allowed to have your presentation played on your own device (laptops, tablets, smartphones, etc.). However, please be sure to bring a proper connector (we have no connector to lease, so bring it by your own responsibility; only VGA d-sub 15pins + 3.5mm audio inputs are available. Otherwise, you can buy one in an electronic store <10 min by walk from the conference venue). We would not recommend using private devices, particularly those running on Windows 8, as we could not guarantee whether a proper connection is available in each room. Please check your file running properly by yourself before your session starts. We have no OHP device.

2. Speakers in Round Table Discussions/voluntary meetings

You can use the installed PCs or any device of your own (laptops, tablets, smartphones, etc.) with a proper connector of your own as we would not provide any connector. We could not guarantee connectors other than VGA (d-sub 15pin) + 3.5mm audio input. Please make sure whether your presentation file runs properly prior to the RTD session. We have no OHP device.

3. Plenary Speakers

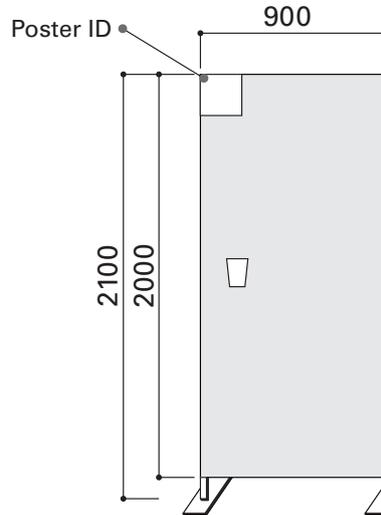
The guideline for plenary speakers is the same for [2] (Speakers in RTD/voluntary meetings). But, if you would like to use the equipped PC, please bring your presentation file (PDF/PPT/PPTX) to the reception or the local committee office until the day before your plenary. Submission by email would also be acceptable; please send your file to ioc26.tokyo+plenary@gmail.com. If you would like to check whether your file runs properly, please ask any staff at the reception or the local committee office. Because of the limitation of time before morning plenaries, we would recommend you to finish it on the day before.

4. Poster Presenters

Poster boards are 90cm wide and 210cm high. Posters can be put up from Monday 18th (1200h) onwards, and must be removed at the latest on Sunday 24th at 1800h. All posters can be displayed during the entire conference. Presenters/authors need to be present near their poster in one of the three afternoon sessions. There will be an additional special evening poster session with Japanese treats on the evening of Thursday 21st, when all poster presenters are invited to be presented. Materials for attachment will be provided in the poster rooms.

Poster Presentation Allocation

Put up your poster on the poster board with your Poster ID. Poster ID will be shown on the left corner of the poster board.



Tuesday, August 19th (15:00-16:30)	Poster ID	Building	
SA01 Behavior & behavioral ecology	p01-001 - p01-067	Poster 2	Bldg. No. 10
SA03 Community & landscape ecology	p03-001 - p03-044	Poster 3	Bldg. No. 12
SA05 Contaminants, disease & immunoecology	p05-001 - p05-015	Poster 1	Bldg. No. 1
SA06 Evolution	p06-001 - p06-020	Poster 3	Bldg. No. 12
SA09 Morphology, ecomorphology and development	p09-001 - p09-026	Poster 4	Bldg. No. 14

Wednesday, August 20th (15:00-16:30)	Poster ID	Building	
SA04 Conservation	p04-001 - p04-115	Poster 2	Bldg. No. 10
SA07 Foraging, energetics & nutrition	p07-001 - p07-021	Poster 4	Bldg. No. 14
SA11 Phylogeography & Population genetics	p11-001 - p11-021	Poster 1	Bldg. No. 1
SA13 Systematics, biogeography and paleontology	p13-001 - p13-022	Poster 3	Bldg. No. 12

Saturday, August 23rd (15:00-16:30)	Poster ID	Building	
SA02 Cognition, learning & communication	p02-001 - p02-038	Poster 1	Bldg. No. 1
SA08 Migration & orientation	p08-001 - p08-031	Poster 4	Bldg. No. 14
SA10 Physiology; cell & molecular biology	p10-001 - p10-021	Poster 2	Bldg. No. 10
SA12 Population & individual ecology	p12-001 - p12-061	Poster 4	Bldg. No. 14
SA14 Other	p14-001 - p14-018	Poster 3	Bldg. No. 12

Social Program

Opening Ceremony

Date: 17:00-18:00, Monday, August 18

Venue: Tucker Hall

Welcome Reception (one drink included in the registration fee.)

Sponsored by:

Suntory Holdings Limited

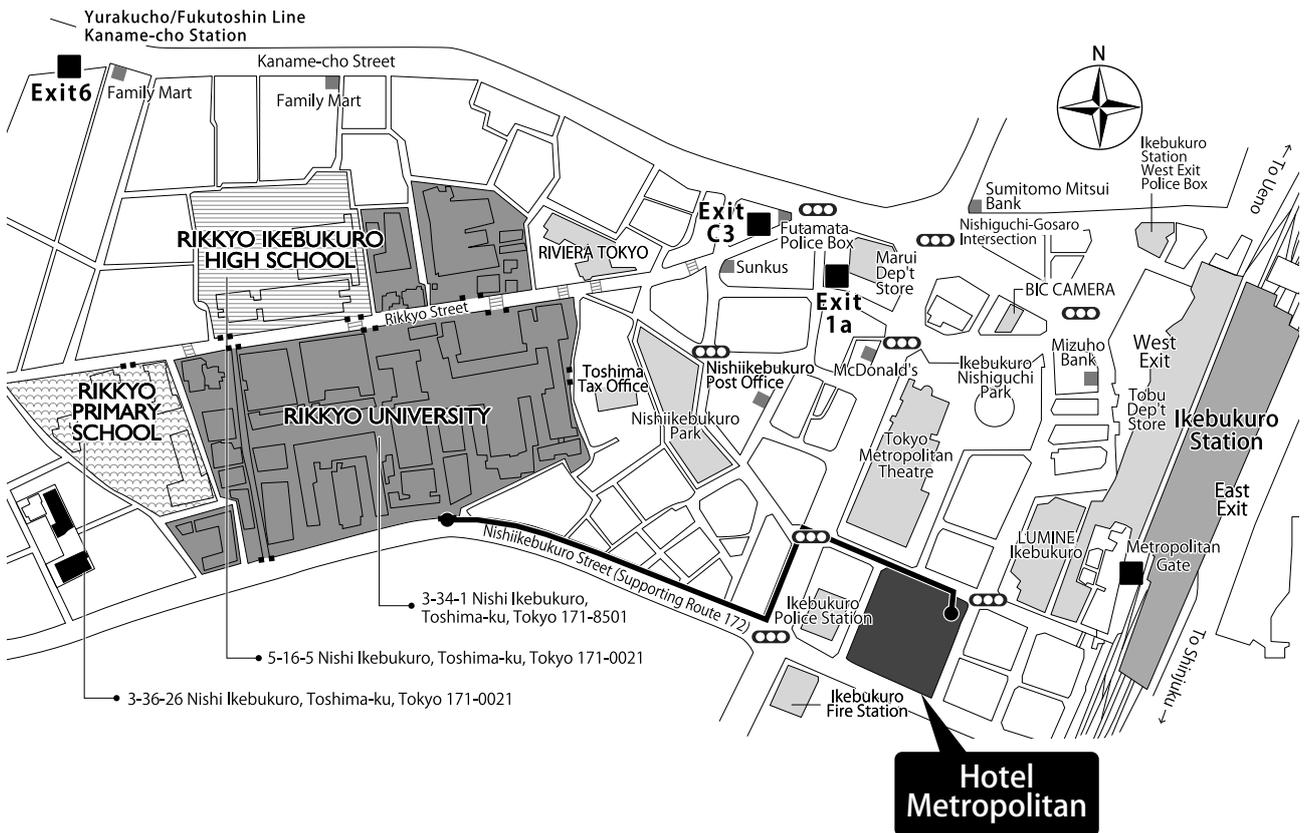
Date: 18:00-20:00, Monday, August 18

Venue: Main Dining Hall

Conference Dinner (For registered only)

Date: 19:30-21:30, Sunday, August 24

Venue: Ballroom Fuji, Hotel Metropolitan



Special Program

[Japan Evening]

There are two parts in this special session. First, beautiful slide pictures of the natural history of Japanese birds will be presented by Dr. Hiroyoshi Higuchi, Professor Emeritus to the University of Tokyo. The topics include the natural environments of Japan, representative birds of Japan, abundant varieties of forest and water birds, active life of urban birds, interesting ecological behavior of some birds, bird migration shown by satellite-tracking, and the present state of Japanese birds and their future. You will learn the outline of the interesting world of Japanese birds through this slide presentation.

Second, a video program on the nature and culture of Japan will be shown. It focuses on *Satoyama*, a Japanese traditional mosaic environment of paddy, forest, streams, and ponds. People live here in harmony with nature, doing sustainable use of natural resources. The mosaic environment provides different habitats to many animals and plants. In consequence, great biodiversity can be seen there. You will enjoy watching seasonal changes in the landscape, bird life, and human life of *Satoyama*.

Japanese music and Japanese dances will be performed during the intermission of the above two presentations. Please enjoy the active and lively performances made by Rikkyo University Gashodan Ahirukai!

Date: 19:30-21:30, Tuesday, August 19

Venue: Tucker Hall

[Performance of tray landscape (Bon-Seki)]

Bon-Seki is one of Japanese traditional arts, which expresses the beauty of natural scenery on a tea tray using stones and sands ('Bon' means a tray, and 'Seki' means stone). To describe manoeuvres of water, wind, or waving grass with sands, brushes made of bird feathers (tectrix) have been used. You can perform Bon-Seki by yourself with instructions from official masters of Bon-Seki. Bon-Seki arts are also exhibited near the registration desk throughout the congress.

Date: 18:00-19:00, Tuesday, August 19

Venue: Tucker Hall

[Tea Ceremony]

Tea ceremony will be held by the courtesy of the Rikkyo University Tea Ceremony Club.

Tea ceremony is one of Japanese traditional cultural practices, and is the name given to a synthetic art that encompasses not only the making of tea, but also tea-room architecture, the scenery, the appreciation of tea utensils and bowls, and Zen Buddhism. In blissful silence, you will discover the Japanese traditional spirit.

Please go directly to the venue for participation. Participation will be accepted on a first-come, first-serve basis.

Date: 12:00-17:00, Saturday, August 23

Venue: 1201, Bldg. No.12, 2nd Fl.

Fee: Free of charge

[Coffee Breaks]

Sponsored by:

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(in alphabetical order)

Hot and Cold beverages will be served each day during the Congress at 9:30-10:00 and 14:30-15:00 (excluding Friday, August 22). Drinks are subject to availability.

[Hot beverages]

Bldg. No. 9, 1st Fl. Cafeteria

[Cold beverages]

Bldg. No. 8, 1st Fl.

Bldg. No. 15, 1st Fl.

[Special Meal]

Sponsored by **YAMAZAKI BAKING CO.,LTD.**

Sandwiches will be served at the below area and time.
(Limitation in number.)

Date: 18:00, Tuesday, August 19

Venue: Tucker Hall

Date: 18:00, Wednesday, August 20

Venue: 1st Fl, Bldg. No.8 and Bldg. No. 15

Date: 20:00, Thursday, August 21 (during Special Poster Session)

Venue: 1st Fl, Bldg. No.10

[Lunch]

Lunch can be taken at the Dining Hall and at the Cafeteria of Bldg. No. 9.

Tours

Mid-Congress Tour [Friday, August 22] * For pre-registered only.

Those of you who have registered to the tours below, the meeting points are as follows. (Details will be sent to each participant separately if not specified below.) Please bring your tour ticket attached onto your name card for participation.

M01 Yamashina Institute, the Abiko Bird Museum and Lake Teganuma -One day-

Meeting Time: 7:15AM

Departure Time: 7:30AM

Meeting Point: In front of McKim gate, Rikkyo University

M05 Mt. Takao: Suburban and Hill Birds of Tokyo -One day-

Meeting Time: 7:30AM

Departure Time: 8:00AM

Meeting Point: Outside the ticket barrier at Takaosanguchi Station (Keio Railway Takao Line)

M06 Wetland Birds around Lake Kasumigaura -One day-

Meeting Time: 7:15AM

Departure Time: 7:30AM

Meeting Point: In front of Gakuin South gate, Rikkyo University

M07 Forest birds around Mt. Fuji and Aokigahara -One day-

Meeting Time: 6:45AM

Departure Time: 7:00AM

Meeting Point: Tokyo Metropolitan Theatre (near exit 2a & 2b)

M08 Oku-Nikko and Watarase-yusuichi: Highland forest and wetland to lowland wetland -One day-

Meeting Time: 7:15AM

Departure Time: 7:30AM

Meeting Point: At Tucker Parking, Rikkyo University

Post Congress Tour * For pre-registered only.

P04 Eastern Hokkaido: Wildlife of Subarctic Forests and Marshes [Monday, August 25]

Meeting Time: 6:40AM

Departure Time: 7:40AM

Meeting Point: Domestic Terminal 2, Haneda Airport (Specific counter to be announced)

P05 Miyake Island: Volcano and Island ecosystem [Sunday, August 24]

Meeting Time: 21:30PM

Departure Time: 22:30PM

Meeting Point: Takeshiba Passenger Ship Terminal

Complimentary Tours and Cultural Programs

Sponsored by Tokyo Metropolitan Government

With the generous offer from Tokyo Metropolitan Government, complimentary programs will be provided for IOC 2014 overseas participants and spouses during the conference dates as below. All participants should make reservations in advance at the conference venue.

Please come to “Tokyo City Information Desk” after registration for the conference. Congress ID badge will be required to register for your tour.

The reservation desks will be open at the 1st floor of the Bldg. No.11, 12:00-19:00 on August 18th, 8:00-17:00 on August 19th through 22nd.

Reservations will be accepted on a first-come, first-served basis and each person will be eligible for only two tours or programs.

1. Tokyo City Tour

The free bus tour with an English-speaking guide takes you to the most popular sightseeing areas in Tokyo. Each tour takes about 3-3.5 hours to visit each highlights of Tokyo by bus.

Date	9:00-12:30	13:30-17:00
Wed, August 20	T-1 Tokyo National Museum (40)	T-2 Mitsui Art Museum & Shopping (40)
Thu, August 21	T-3 TOKYO SKYTREE® (40)	T-1 Tokyo National Museum (40)
Fri, August 22	T-3 TOKYO SKYTREE® (40)	T-2 Mitsui Art Museum & Shopping (40)

*Itinerary is subject to change.

*Numbers in parentheses are the capacity of each tour.

T-1 Tokyo National Museum—The largest museum in Japan



Join this tour to see the largest museum in Japan packed with over 110,000 items, such as national treasures and important cultural assets, and it provides ample opportunity for visitors to become acquainted with a host of aspects of Japanese history and culture. Ancient Japanese pottery and clay figures from the Jomon period and Hokusai’s celebrated landscape Ukiyo-e (Woodblock) prints are all to be observed there.

T-2 Mitsui Art Museum & Shopping —Noh Exhibition will be held.



Do you know “Noh” ? Noh is the style of traditional Japanese musical drama sometimes with wearing the special mask. At this museum, you can visit the special exhibition about the Noh culture and costumes such as the special masks.

After visiting the museum, you will go shopping to the newly opened shopping complex called “COREDO Muromachi” which brings you the best selections of stores from old historical and traditional stores to new popular trend setting stores.

T-3 TOKYO SKYTREE® —A view above all others like a bird



Join this tour to visit the TOKYO SKYTREE®. Opened in May 2012, this 634-meter high broadcasting tower is the tallest in the world and showcases a number of architectural features unique to Japan. On arriving at the 360° observation deck, a staggering 350 m above ground, you can enjoy an unrivalled view of Tokyo on a clear day, with sights such as the Rainbow Bridge across Tokyo Bay and even the iconic Mount Fuji!



2. Cultural Programs

The free cultural programs conducted in English give you an opportunity to feel Japanese traditions.

Date	10:00-12:00	14:00-16:00
Wed, August 20	CP-1 Dress in Kimono	CP-1 Dress in Kimono
Thu, August 21	CP-2 Japanese Woodblock Prints	CP-2 Japanese Woodblock Prints

Venue: Rikkyo University Bldg. No.11.

CP-1 Dress in Kimono



The Japanese Traditional clothes, Kimono is an internationally recognized symbol of Japan. This traditional dress is worn nowadays on formal occasions. Kimono are T-shaped, straight-lined robes with attached collars and long, wide sleeves, wrapped around the body and secured by a sash called an obi, which is tied in the back. In this program, you will be trying on a real kimono. Not only female but also male participants are welcome to join us!

CP-2 Japanese Woodblock Prints



Ukiyo-e, Japanese woodblock prints first appeared in the late 17th century (known as the Edo period in Japan), and the works featuring motifs of various beautiful things and landscapes tell us about life in those days. Early *ukiyo-e* Japanese woodblock prints were produced with a single black ink or just a few colors, but gradually became to be more colorful and ornate. Since *ukiyo-e* Japanese woodblock prints are designed for mass production, the procedures are divided between three craftsmen: painter, wood carver, and print maker.



*Remarks: The program will be subject to change with or without notice.

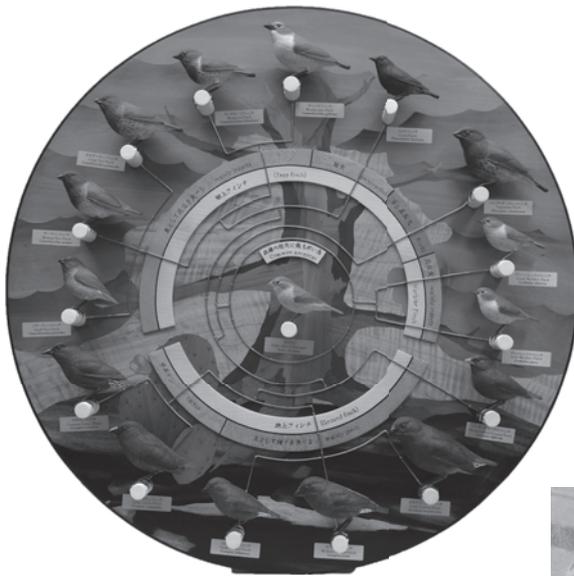
Bird Art and Carving

IOC 2014, Rikkyo University, Tokyo

Bird Art and Carving

Selected bird works

from many of Japan's foremost artists



Darwin's Finches
Haruo Uchiyama

**Open every day
from Tuesday 19 August
to Sunday 24 August,
except Friday 22.**

Art:

2nd Floor Lobby,
Bldg. No. 8, Rikkyo Univ.

Carving:

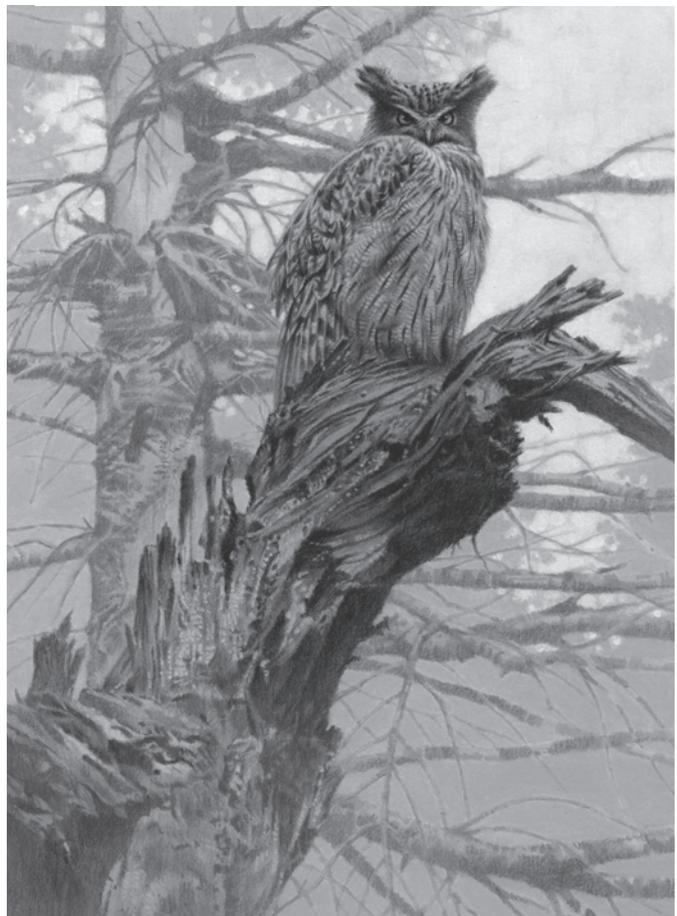
Room: X 202, 2nd Floor,
Bldg. No. 10, Rikkyo Univ.

This exhibition is organised voluntarily
by
Takashi Hiraoka¹⁾²⁾, Sadao Naito²⁾,
Mari Otaguro²⁾, and Haruo Uchiyama³⁾
(names arranged in alphabetical order).

1) Yamashina Institute for Ornithology

2) Japan Wildlife Art Society

3) Japan Bird Carving Association



Blakiston's Fish Owl *Ketupa blakistoni*
Sadao Naito

IOC2014 Travel Grants

The below participants have been awarded the IOC2014 Travel Grants.

Tomás Altamirano, Chile
Michelle Avis, United States
Igor Berkunsky, Argentina
Heidi Björklund, Finland
De Chen, China
Sidi Imad Cherkaoui, Morocco
Vivien Chua, Malaysia
Nicole Dauphine, American Samoa
Ariya Dejtaradol, Thailand
Aida Fithri, Indonesia
Josie Galbraith, New Zealand
Ana Galvão, Brazil
Elizabeth Gow, Canada
Christine Groom, Australia
Jan Jedlikowski, Poland
Minsu Jeong, Republic of Korea
Won-Ju Jung, Republic of Korea
Alvina Lèche, Argentina
Alan Lee, South Africa
Zhiheng Li, China
Barbara Lukasch, Austria
Caio Machado, Brazil
Katharina Mahr, Austria
Andrew McKechnie, South Africa
Thabiso Mokotjomela, South Africa
Viktoria Moskalenko, Russian Federation
Yeni Mulyani, Indonesia
Tiwonge Mzumara, Malawi
Olga Nesterenko, Russian Federation
David Ocampo, Colombia
Yulia Poznyakova, Russian Federation
Dewi Prawiradilaga, Indonesia
Olesya Pshenichnikova, Russian Federation
Chaminda Pradeep Ratnayake, Sri Lanka
Rajan Rijal, Nepal
Pablo Salmon, Sweden
Camilo Sanin, Colombia
Gennady Savchenko, Russian Federation
Alejandro Serrano, Mexico
Elwyn Sharps, United Kingdom
Maria Silva, Brazil
Alexandru Nicolae Stermin, Romania
Syartinilia, Indonesia
Ahmed Taibi, Algeria
Lindy Thompson, South Africa
Philip Whittington, South Africa
Luz Zamudio, Mexico
Andrey Zinovyev, Russian Federation
(in alphabetical order)

Program at a Glance

Monday, 18th August

	8:00	9:00	10:00	11:00	12:00	13:00	14:00
Room 1 (Plenary) Tucker 2F T0000							
Room 2 Bldg. No. 11 B1F AB01		9:00~17:00 RCC on Bird Marking					
Meeting Room 4 Bldg. No. 9 2F 9204			10:00~16:00 IOU Executive Committee Meeting				
Main Dining Hall							

15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00
		17:00~ 17:40 Opening Ceremony					
			18:00~20:00 Welcome Reception				

Tuesday, 19th August

	8:00	9:00	10:00	11:00	12:00	13:00	14:00
Room 1 (Plenary) Tucker 2F T0000		8:30~9:30 Presidential Address Franz Bairlein					13:30~14:30 Plenary2 Kazuo Okanoya
Room 2 Bldg. No. 11 B1F AB01				10:00~12:00 S07 To understand what birds actually see: toward a newer synthesis of visual perception and methods to study coloration			
Room 3 Bldg. No. 8 1F 8101				10:00~12:00 S11 Invasive species and Pacific island bird conservation			
Room 4 Bldg. No. 8 2F 8201				10:00~12:00 S12 Evolution and behavioral adaptation of waterbirds flying in the air and in the water			
Room 5 Bldg. No. 8 2F 8202				10:00~12:00 S42 Nutritional satisfaction: new perspectives on how birds acquire necessary energy and nutrients			
Room 6 Bldg. No. 15 (McKim) B1F MB01				10:00~12:00 S15 Social complexity, vocal communication and cooperation			
Room 7 Bldg. No. 15 (McKim) 2F M201			9:30~ 10:00 Coffee Break	10:00~12:00 S10 Physiological factors influencing migratory strategies			
Room 8 Bldg. No. 15 (McKim) 2F M202				10:00~12:00 S16 Radar Aeroecology			
Room 9 Bldg. No. 15 (McKim) 3F M301				10:00~12:00 S20 Avian nest predation: New perspectives			
Poster 1 Bldg. No. 1 (Main) 1F							
Poster 2 Bldg. No. 10 1F							
Poster 3 Bldg. No. 12 B1F							
Poster 4 Bldg. No. 14 B1F							

	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00
				18:00~19:00 Performance of tray landscape	19:00~19:30 Lynx Presentation	19:30~21:30 Japan Evening		
			16:30~18:00 o03 Cognition & Signalling					
			16:30~18:00 o02 Bird-human interactions					
			16:30~18:00 o05 Conservation Techniques					
			16:30~18:00 o08 Evolution					
			16:30~18:00 o04 Community Ecology 1					
14:30~15:00 Coffee Break			16:30~18:00 o06 Reproductive Behaviour					
			16:30~18:00 o01 Biogeography & Paleontology					
			16:30~18:00 o07 Dispersal					
	15:00~16:30 SA05 Contaminants, disease & immunoecology							
	15:00~16:30 SA01 Behavior & behavioral ecology							
	15:00~16:30 SA03 Community & landscape ecology SA06 Evolution							
	15:00~16:30 SA09 Morphology, ecomorphology and development							

Wednesday, 20th August

	8:00	9:00	10:00	11:00	12:00	13:00	14:00
Room 1 (Plenary) Tucker 2F T0000		8:30~9:30 Plenary3 Tim Blackburn					13:30~14:30 Plenary4 Fred Sheldon
Room 2 Bldg. No. 11 B1F AB01				10:00~12:00 S01 The avifauna of the Sino-Himalayas: history, ecology, (no?) future			
Room 3 Bldg. No. 8 1F 8101				10:00~12:00 S02 Rice fields as a model system for studying bird ecology and conservation			
Room 4 Bldg. No. 8 2F 8201				10:00~12:00 S22 Sensory and molecular genetics mechanisms of migratory traits			
Room 5 Bldg. No. 8 2F 8202				10:00~12:00 S26 Plasticity in birdsong production			
Room 6 Bldg. No. 15 (McKim) B1F MB01				10:00~12:00 S23 Avian brood parasitism - novel findings and new puzzles			
Room 7 Bldg. No. 15 (McKim) 2F M201			9:30~10:00 Coffee Break	10:00~12:00 S14 Neural plasticity and the waxing and waning of cognition in birds			
Room 8 Bldg. No. 15 (McKim) 2F M202				10:00~12:00 S43 Ecological immunology at 30: a midlife crisis or newfound opportunity?			
Room 9 Bldg. No. 15 (McKim) 3F M301				10:00~12:00 S05 Recent advances in the study of Psittaciformes: breeding biology, population ecology and phylogeography			
Poster 1 Bldg. No. 1 (Main) 1F							
Poster 2 Bldg. No. 10 1F							
Poster 3 Bldg. No. 12 B1F							
Poster 4 Bldg. No. 14 B1F							
Room 10 Bldg. No. 8 3F 8303					12:00~13:30 IOU COR Meeting		
Room 11 Bldg. No. 8 3F 8304							

	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00
			16:30~18:00 o09 Community Ecology 2					
			16:30~18:00 o14 Global Change					
			16:30~18:00 o11 Evolutionary Ecology			20:00~22:00 RTD01 Restoring seabird breeding colonies invaded by rats and other introduced mammals in Japan and Korea		
			16:30~18:00 o15 Hormones & Stress			20:00~22:00 RTD04 Applications of Unmanned Vehicle Systems (UAS) for Avian Studies		
			16:30~18:00 o13 Sexual Behaviour 2			20:00~22:00 RTD08 What can we learn from flight calls of migrants?		
14:30~15:00 Coffee Break			16:30~18:00 o10 Conservation 1			20:00~22:00 RTD12 Current Status of Avian Morphology		
			16:30~18:00 o12 Population Structure			20:00~22:00 RTD10 Land bird monitoring in eastern Asia		
			16:30~18:00 o16 Life history					
	15:00~16:30 SA11 Phylogeography & Population genetics							
	15:00~16:30 SA04 Conservation							
	15:00~16:30 SA13 Systematics, biogeography and paleontology							
	15:00~16:30 SA07 Foraging, energetics & nutrition							
						20:00~22:00 RTD02 Establishing, promoting, and coordinating research needs and priorities for a globally endangered avian order, the Psittaciformes, through global cooperation		
						20:00~22:00 RTD03 Discussing the causes of the population declines of Eurasian Tree Sparrows in Japan and House Sparrows in Europe		

Thursday, 21st August

	8:00	9:00	10:00	11:00	12:00	13:00	14:00
Room 1 (Plenary) Tucker 2F T0000		8:30~9:30 Plenary5 Katherine Renton					13:30~14:30 Plenary6 John Maina
Room 2 Bldg. No. 11 B1F AB01				10:00~12:00 S34 Effects of radiation on birds and other organisms: Chernobyl, Fukushima and beyond			
Room 3 Bldg. No. 8 1F 8101				10:00~12:00 S17 Avian Phylogeography in East Asia			
Room 4 Bldg. No. 8 2F 8201				10:00~12:00 S25 Developmental stress beyond bird song: Can early life stressors engineer physiology and behavior for harsh environments?			
Room 5 Bldg. No. 8 2F 8202			9:30~10:00 Coffee Break	10:00~12:00 S39 Ethno-ornithology: Birds, Culture & Conservation			
Room 6 Bldg. No. 15 (McKim) B1F MB01				10:00~12:00 S27 Non-native birds as natural experiments: ecological and evolutionary change during biological invasions			
Room 7 Bldg. No. 15 (McKim) 2F M201				10:00~12:00 S31 Birds in space: is individual variation relevant?			
Room 8 Bldg. No. 15 (McKim) 2F M202				10:00~12:00 S33 Departure decisions in nocturnal migrants			
Room 9 Bldg. No. 15 (McKim) 3F M301				10:00~12:00 S48 Physiological mechanisms underlying individual variation in life-history traits			
Poster 1 Bldg. No. 1 (Main) 1F							
Poster 2 Bldg. No. 10 1F							
Poster 3 Bldg. No. 12 B1F							
Poster 4 Bldg. No. 14 B1F							

Friday, 22nd August: Mid-Congress Tours

	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00
	15:00~16:30 IOU Members Meeting							
			16:30~18:00 o17 Conservation 2					
			16:30~18:00 o19 Migration 1					
			16:30~18:00 o22 Physiology					
14:30~ 15:00 Coffee Break			16:30~18:00 o20 Parasites & immunity					
			16:30~18:00 o21 Phylogeography & Phylogenetics			20:00~22:00 RTD13 The birds at Fukushima- daiichi NPP and Tohoku Tsunami area, present and future, or good ornithology for and by the people		
			16:30~18:00 o23 Population Ecology			20:00~22:00 RTD14 EWA - the Ethno-orni- thology World Archive		
			16:30~18:00 o18 Social Interactions			20:00~22:00 RTD15 East Asia-Australasian Flyway shorebird research and conservation needs		
			16:30~18:00 o24 Evolutionary Morphology					
						20:00~22:00 Special Poster Sessions		

Saturday, 23rd August

	8:00	9:00	10:00	11:00	12:00	13:00	14:00
Room 1 (Plenary) Tucker 2F T0000		8:30~9:30 Plenary7 Helen James					13:30~14:30 Plenary8 Cao Lei
Room 2 Bldg. No. 11 B1F AB01				10:00~12:00 S28 Avian cognition in natural populations			
Room 3 Bldg. No. 8 1F 8101				10:00~12:00 S04 Birds and agroecosystems: experiences from the tropics			
Room 4 Bldg. No. 8 2F 8201				10:00~12:00 S45 Avian phylogenetics: advances in understanding of Old World passerine evolution			
Room 5 Bldg. No. 8 2F 8202				10:00~12:00 S38 Evolutionary Morphology of Birds: New Methods and Concepts			
Room 6 Bldg. No. 15 (McKim) B1F MB01				10:00~12:00 S29 The value of long-term ringing data in ornithology			
Room 7 Bldg. No. 15 (McKim) 2F M201			9:30~10:00 Coffee Break	10:00~12:00 S30 Ecophysiology of Circannual and Long-term Timing Mechanisms: Recent Advances			
Room 8 Bldg. No. 15 (McKim) 2F M202				10:00~12:00 S21 Avian Neurosteroids: Biosynthesis and Biological Action			
Room 9 Bldg. No. 15 (McKim) 3F M301				10:00~12:00 S47 Patterns and mechanisms of metabolic flexibility in birds			
Poster 1 Bldg. No. 1 (Main) 1F							
Poster 2 Bldg. No. 10 1F							
Poster 3 Bldg. No. 12 B1F							
Poster 4 Bldg. No. 14 B1F							
Room 10 Bldg. No. 8 3F 8303							
Room 11 Bldg. No. 8 3F 8304							

	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00
			16:30~18:00 o28 Sexual Behaviour 1					
			16:30~18:00 o25 Conservation of migratory birds					
			16:30~18:00 o31 Song			20:00~22:00 RCC01 Meeting of the Research Coordination Committee on Parrots (RCCP)		
			16:30~18:00 o26 Migration 2			20:00~22:00 RTD06 Cooperative project for sharing monitoring data of wildfowls in East Asia		
			16:30~18:00 o27 Disease			20:00~22:00 RTD07 eBird: an increasingly powerful tool for science and conservation		
14:30~15:00 Coffee Break			16:30~18:00 o32 Species conservation			20:00~22:00 RTD11 Biodiversity and the rare Japanese Murrelet at Kaminoseki: "The Sea of Miracles" and Kaminoseki nuclear power plant planning		
			16:30~18:00 o30 Functional Morphology			20:00~22:00 RCC02 17th Scheduled Meeting of the Research Coordination Committee on Avian Nomenclature (formerly Standing Committee on Ornithological Nomenclature)		
			16:30~18:00 o29 Foraging Patterns					
	15:00~16:30 SA02 Cognition, learning & communication							
	15:00~16:30 SA10 Physiology; cell & molecular biology							
	15:00~16:30 SA14 Other							
	15:00~16:30 SA08 Migration & orientation SA12 Population & individual ecology							
						20:00~22:00 RTD05 Avian functional morphology and the fossil record: Integrating structure and function across time		
						20:00~22:00 RTD09 Restoration of tern breeding colonies: state of the art for global conservation efforts		

Sunday, 24th August

	8:00	9:00	10:00	11:00	12:00	13:00	14:00
Room 1 (Plenary) Tucker 2F T0000		8:30~9:30 Plenary9 Vicki Friesen					13:30~14:30 Plenary10 H. P. Possingham
Room 2 Bldg. No. 11 B1F AB01				10:00~12:00 S06 Avian reintroductions in changing environments			
Room 3 Bldg. No. 8 1F 8101				10:00~12:00 S46 Recent insights on sexual selection from avian models			
Room 4 Bldg. No. 8 2F 8201			9:30~ 10:00	10:00~12:00 S40 Turning the tide for East Asia's migratory shorebirds			
Room 5 Bldg. No. 8 2F 8202			Coffee Break	10:00~12:00 S35 Lifelong individual develop- ment as an important compo- nent of life history			
Room 6 Bldg. No. 15 (McKim) B1F MB01				10:00~12:00 S37 Genomes and the evolution of modern birds			
Room 7 Bldg. No. 15 (McKim) 2F M201				10:00~12:00 S13 Avian dispersal: Implications for speciation, community build-up and migration			
Room 8 Bldg. No. 15 (McKim) 2F M202				10:00~12:00 S24 Fire regimes and bird population responses			

26th International Ornithological Congress

Detailed Program



Detailed Program

Tuesday 19 August

08:30

Presidential Address [Room 1]

Franz Bairlein
Unravelling migration: routes to genes

09:30

Coffee Break

10:00

Concurrent Symposia

[Room 2]

S07 To understand what birds actually see: toward a newer synthesis of visual perception and methods to study coloration

Convenors: Keita D. Tanaka, Japan; Martin Stevens, UK

- 10:03 **s07-1k** Martin Stevens
Understanding and Quantifying the Colour Patterns of Birds
- 10:30 **s07-2k** Keita D Tanaka
Colour to birds and to humans: why is it so different?
- 10:57 **s07-3** Takeshi Yamasaki, Kazuji Matsumoto, Hiroko Horiguchi, Gen Morimoto, Hiroshi Tuchiya, Takahiko Hariyama
Using multispectral imaging to study bird coloration
- 11:19 **s07-4** Gen Morimoto, Takashiko Hariyama, Tsuyoshi Ueta, Akinori Kosaku, Takeo Kuriyama, Kiyoshi Miyamoto
Color characteristics of delayed plumage maturation in the male Red-flanked Bluetail *Tarsiger cyanurus*.
- 11:41 **s07-5** Wataru Kitamura
A novel method for quantifying egg patterns using HLAC

[Room 3]

S11 Invasive species and Pacific island bird conservation

Convenors: N. Suzanne Arcilla, America Samoa; Christopher A. Lepczyk, USA

- 10:03 **s11-1k** Ken Ishida, Koichi Murata, Isao Nishiumi, Yukihiro Takahashi, Mikio Takashi
The Endemic Amami Jay (*Garrulus lidthi*), invasive Small Indian Mongoose, and other alien organisms : a 21st century investigation of island aliens for improved ecosystem management
- 10:30 **s11-2k** Chang-Yong Choi, Hyun-Young Nam, Kyung-Gyu Lee
Population Viability Analysis for Swinhoe's Storm Petrels on Chilbal-do Islet, Korea
- 10:57 **s11-3** Kiyooki Ozaki, Suzanne Medina
Impact of invasive predators on Okinawa and Guam Rails
- 11:19 **s11-4** Arno Cimadom, Sabine Tebbich, Birgit Fessl, Rebecca Hood-Novotny
Behavioural changes in an invasive parasitic fly and its avian hosts, the Darwin's finches.
- 11:41 **s11-5** Diane Lynn Fraser, Dan Blanchon, Nigel Adams, Melvyn Galbraith
The spread of the Spur-winged Plover (*Vanellus miles novaehollandiae*) in New Zealand

[Room 4]

S12 Evolution and behavioral adaptation of waterbirds flying in the air and in the water

Convenors: Yutaka Watanuki, Japan; Julia Clarke, USA

- 10:03 **s12-1k** Julia A. Clarke
Locomotor transitions in birds: the evolution of wing propelled diving as a case study in parsing patterns of character evolution associated with acquisition of a novel locomotor mode
- 10:30 **s12-2k** Yuuki Watanabe
Comparative analyses of swim speed in marine vertebrates
- 10:57 **s12-3** Kyle Elliott, Gary W Kaiser
Is the evolution of avian locomotion driven by biomechanics or physiology?
- 11:19 **s12-4** Katsufumi Sato
Why do penguins inhale before diving?
- 11:41 **s12-5** Junya Watanabe, Hiroshige Matsuoka
Functional morphology of wing musculature of extinct flightless Mancalline Auks (Alcidae, Mancallinae)

[Room 5]

S42 Nutritional satisfaction: new perspectives on how birds acquire necessary energy and nutrients

Convenors: Scott McWilliams, USA; William Buttemer, Australia

- 10:03 **s42-1k** Kirk C Klasing
Nutritional wisdom: How do birds balance their food choices with the dynamics of fluctuating nutrient needs?
- 10:30 **s42-2k** Robert W. Elner, Tomohiro Kuwae
Biofilm grazing: missing link in shorebird ecology (satisfaction from “snot”)
- 10:57 **s42-3** Adriaan M Dokter, Wimke Fokkema, Bart Ebbinge, Bart A Nolet, Han Olf, Henk van der Jeugd
The importance of salt-tolerance in the energetic trade-offs of migratory Dark-bellied Brent Geese
- 11:19 **s42-4** Andrea Koelzsch, Silke Bauer, Rob de Boer, Larry Griffin, David Cabot, Klaus-Michael Exo, Henk P. van der Jeugd, Bart A. Nolet
Geese surfing the green wave: a comparison of three flyways differing in predictability
- 11:41 **s42-5** Sjoerd Duijns, Theunis Piersma
Interference competition in a sexually dimorphic shorebird: prey behaviour explains why the dominant sex suffers and the subordinate does not

[Room 6]

S15 Social complexity, vocal communication and cooperation

Convenors: Indrikis Krams, Estonia; Todd M. Freeberg, USA

- 10:03 **s15-1k** Michael Griesser
Learn for life: teaching predator recognition boosts survival of inexperienced individuals in a group-living bird species
- 10:30 **s15-2k** Todd M Freeberg, Indrikis Krams
Vocal communication and cooperation in socially-complex species
- 10:57 **s15-3** Christoph Randler
Heterospecific responses to mobbing calls
- 11:19 **s15-4** Dianne H Brunton
Female counter-singing: complex social networks and song learning abilities in New Zealand Bellbirds (*Anthornis melanura*)
- 11:41 **s15-5** Toshitaka Suzuki
Mobbing calls of Japanese great tits signal predator type to both parents and offspring

[Room 7]

S10 Physiological factors influencing migratory strategies

Convenors: Cas Eikenaar, Germany; Leonida Fusani, Italy

- 10:03 **s10-1k** Scott R McWilliams
The stress of stopping over: oxidative stress associated with long-duration flights and its implications for the ecology of migrants at stopover sites

- 10:30 **s10-2k** Susanne Jenni-Eiermann
Hormonal regulation of the fuel metabolism in migrating birds
- 10:57 **s10-3** Cas Eikenaar, Anna Fritzsich, Franz Bairlein
Corticosterone and migratory fueling in Northern Wheatears facing different barrier crossings
- 11:19 **s10-4** Ivan Maggini, Claudio Carere, Wolfgang Goymann, Massimiliano Cardinale, Leonida Fusani
Physiological strategies for stopover in migrating songbirds after barrier crossing in spring

[Room 8]

S16 Radar Aeroecology

Convenors: Jeffrey F. Kelly, USA; Felix Liechti, Switzerland

- 10:03 **s16-1k** Felix Liechti
Studying ecosystem connectivity with radar - recent findings and future perspectives.
- 10:30 **s16-2k** Phillip Chilson
Recent and on-going advancements in radar aeroecology: A physicist's perspective
- 10:57 **s16-3** Judy Shamoun-Baranes, Jason Chapman, Adriaan Dokter, Hans van Gasteren, Maarten de Graaf, Hidde Leijnse, Felix Liechti
Continental-scale radar monitoring of the aerial movements of animals
- 11:19 **s16-4** Jeffrey J Buler, Jill M Gautreaux, Frank R Moore
Weather radar observations of bird stopover distributions along the northern Gulf coast of Mexico during spring migration
- 11:41 **s16-5** Jason W Chapman, Cecilia Nilsson, Jason Lim, Johan Backman, Don R Reynolds, Thomas Alerstam
Convergent Patterns of Long-distance Nocturnal Migration in Passerines and Moths

[Room 9]

S20 Avian nest predation: New perspectives

Convenors: Juan Diego Ibáñez-Álamo, Spain; Robert Thomson, Finland

- 10:03 **s20-1k** Thomas E Martin, Juan Carlos Oteyza
Nest predation influences on life history strategies
- 10:30 **s20-2k** Robert D Magrath, Tonya M Haff
Acoustic communication, surveillance and eavesdropping by young under the risk of predation
- 10:57 **s20-3** Anna D. Chalfoun, Kenneth A. Schmidt, Matthew G. Hethcoat
Adaptive breeding site selection in the face of nest predation: Is it for the birds?
- 11:19 **s20-4** Anastasia Popovkina, Mikhail Soloviev, Viktor Golovnyuk, Gleb Sedash
Nest survival in Arctic-breeding shorebirds in relation to activity of predators and nest site characteristics
- 11:41 **s20-5** Björn O. Helander
Effects of contaminants on reproduction in the White-tailed Sea Eagle Effects of contaminants on reproduction in the White-tailed Sea Eagle

13:30

Plenary 2 [Room 1]

Kazuo Okanoya

Evolution of song complexity in Bengalese Finches might mirror the emergence of human language

14:30

Coffee Break

15:00

Poster Session 1

Subject areas:

- [Poster 2] SA01 Behavior & behavioral ecology
- [Poster 3] SA03 Community & landscape ecology
- [Poster 1] SA05 Contaminants, disease & immunoeology
- [Poster 3] SA06 Evolution
- [Poster 4] SA09 Morphology, ecomorphology and development

16:30

Concurrent Oral Sessions

[Room 2]

o03 Cognition & Signalling

- 16:30 **o03-1** Hannah M Rowland, Scott J Werner
Individual differences in taste perception & dietary wariness in European Starlings: causes and consequences
- 16:48 **o03-2** Milla Mihailova, Mathew Berg, Kate Buchanan, Jacqui Adcock, Andy Bennett
Olfactory signalling in a highly divergent species complex: the Crimson Rosella (*Platycercus elegans*)
- 17:06 **o03-3** Vinod Kumar Saranathan, Imke Greving, Erin L O'Brien, Bodo Wilts, Doekele Stavenga, Ben C Sheldon
Hotshots and Hotspots: local spatial heterogeneity in life-history variation and signal content of UV structural colours in a socially monogamous passerine
- 17:24 **o03-4** Richard K Simpson, Kevin J McGraw
Effect of a fluctuating environment on multimodal signals
- 17:42 **o03-5** Kaspar Delhey, Alexandra McQueen
The Colour of an Entire Avifauna: Understanding Chromatic Variability of Australian Birds

[Room 3]

o02 Bird-human interactions

- 16:30 **o02-1** Simon Butler, Kingsley Ash
Listening to nature's views
- 16:48 **o02-2** J. Berton C. Harris, David Wilcove, Dewi Prawiradilaga
Relating species traits to extinction risk from the pet bird trade in Southeast Asia
- 17:06 **o02-3** Hans-Ulrich Peter, Jan Esefeld, Susann Janowski, Johannes Krietsch, Simeon Lisovski, Osama Mustafa, Anke Nordt, Simone Pfeifer, Anja Russ, Michel Stelter, Christina Braun
Antarctic seabirds as indicators of anthropogenic influences
- 17:24 **o02-4** Clio Elizabeth Reid, Brett David Gartrell, Edward Otis Minot, Kevin Joseph Stafford
Understanding attacks by Kea (*Nestor notabilis*), an endemic high country parrot, on sheep in New Zealand
- 17:42 **o02-5** Yukiko Inoue, Makoto Okazaki, Maria P Dias, Hiroshi Minami, Cleo Small
Factors affecting bycatch of Black-Browed Albatross and Wandering Albatross: relationship between distribution and bycatch probabilities

[Room 4]

o05 Conservation Techniques

- 16:30 **o05-1** David Michael Bird, Dominique Chabot, James Junda, Shawn Craik, Vincent Carignan, Erick Greene
Applications of unmanned vehicle systems to bird studies
- 16:48 **o05-2** Daisuke Ochi, Noriyosi Sato, Nobuhiro Katsumata, Hiroshi Minami
At-sea experiment to evaluate the effectiveness of multiple mitigation measures on pelagic longline operations in the western North Pacific
- 17:06 **o05-3** Stephen W Kress, Holly P Jones
A world review of seabird translocation and social attraction projects

- 17:24 **o05-4** Charles M. Francis, Phil Taylor, John Brzustowski, Ryan Zimmerling
Use of marine radar to evaluate collision risk of migrants with wind turbines
- 17:42 **o05-5** Yves Hingrat, Anne-Christine Monnet, Benedicte Madon
Translocation of Asian houbara bustards (*Chlamydotis macqueenii*): current knowledge, constraints and future directions

[Room 5]

o08 Evolution

- 16:30 **o08-1** Maude Wheeler Baldwin, Yasuka Toda, Tomoya Nakagita, Mary O'Connell, Kirk C. Klasing, Takumi Misaka, Scott V. Edwards, Stephen D. Liberles
The evolution of sweet taste perception in a nectar-feeding bird
- 16:48 **o08-2** Jonathan S. Pelegrin-Ramirez, Juan L Cantalapiedra, Manuel Hernandez Fernandez
Macroevolutionary processes in non-passeriform birds (*Aves*) at the global scale.
- 17:06 **o08-3** Juan Carlos T Gonzalez, Ben C Sheldon, Joseph A Tobias
Tracing the evolution of casque ornamentation in hornbills
- 17:24 **o08-4** Camilo Sanin
Is density-dependent diversification in North American wood warblers an artifact of species delimitation?

[Room 6]

o04 Community Ecology 1

- 16:30 **o04-1** Yuichi Yamaura, Jeffrey Andrew Royle, Katsuo Itoh, Kiyoshi Sato, Hisatomo Taki, Yoshio Mishima
Hierarchical community models for analysing species- and density-area relationships
- 16:48 **o04-2** Martin Kornan, Rudolf Kropil
Do long term patterns of bird assemblage dynamics imply interspecific competition? Null model analyses of species associations.
- 17:06 **o04-3** Scott K Robinson, Jill Jankowski, Gustavo A Londono, Mark A Chappell
Abiotic versus biotic constraints on the elevational distributions of Andean birds.
- 17:24 **o04-4** Santiago David, Jill E Jankowski
Population and community-level niche conservatism in antbirds (*Thamnophilidae*) along a tropical elevational gradient
- 17:42 **o04-5** Ryan C Burner, Chandradewana Boer, Mustafa Abdul Rahman, Frederick H. Sheldon
Contrasting avian community transitions from lowland to submontane forest on a variety of Bornean mountains

[Room 7]

o06 Reproductive Behaviour

- 16:30 **o06-1** Raivo Mand, Elo Rasmann, Marko Magi
When a male changes his ways: sex differences in feeding behaviour in the Pied Flycatcher
- 17:06 **o06-3** Jared Wilson-Aggarwal, Martin Stevens, Claire Spottiswoode, Jolyon Troscianko
Microhabitat selection in ground nesting birds
- 17:24 **o06-4** Bin-Yan Hsu, Martina S. Muller, Cor Dijkstra, Ton G.G. Groothuis
Solving a paradox: context-dependent effects of maternal testosterone in the Rock Pigeon (*Columba livia*) and its causes and consequences
- 17:42 **o06-5** John Quinn, Ella F Cole, Amy Hinks, Julie Morand-Ferron
Provisioning behaviour correlates with the reactive-proactive personality axis among Great Tits in the wild

[Room 8]

o01 Biogeography & Paleontology

- 16:30 **o01-1** N. Adam Smith, Julia A. Clarke
Evolution of wing-propelled diving in the Pan-Alcidae: integration of phylogeny, fossils, bone histology and endocranial anatomy

- 16:48 **o01-2** Jan O Engler, Jean Secondi, Dennis Roedder, Deborah A Dawson, Axel Hochkirch
Exploring moving range edges in parapatric distributed passerines: of climate, genes and biotic interactions
- 17:06 **o01-3** Trevor Henry Worthy
An overview of the diversity and relationships of the mihirungs (Aves: Dromornithidae), enigmatic giant flightless fowl of Australia
- 17:24 **o01-4** Andrzej Elzanowski, Walter E. Boles
Gondwanian relationships of the Early Eocene bird fauna of Australia
- 17:42 **o01-5** Mateus Ferreira, Alexandre Aleixo, Camila Ribas, Marcos Persio Dantas Santos
Biogeography of the Neotropical genus *Malacoptila* (Aves: Bucconidae) support the influence of Andean uplift and the reconfiguration of the Amazon basin as primary triggers of speciation

[Room 9]

o07 Dispersal

- 16:30 **o07-1** Arie J. van Noordwijk
Shorter natal dispersal distances at higher population densities in the Great Tit (*Parus Major*) in both time and space
- 16:48 **o07-2** Anders P. Tottrup
Can population-specific variation in spatio-temporal migration patterns increase our understanding of dispersal in migrants?
- 17:06 **o07-3** Michalis Vardakis, Peter Goos, Frank Adriaensen, Erik Matthysen
Discrete choice modeling of natal dispersal: "Choosing" where to breed from a finite set of fragmented areas
- 17:24 **o07-4** Shiao-Yu Hong, Yuan-Hsun Sun
Extreme weather events influence reproduction and trigger extraordinary movements of Brown Dipper *Cinclus pallasii* in Taiwan
- 17:42 **o07-5** Yasuko Suzuki, Daniel D Roby, Katie M Dugger, Jennifer A Gervais, Donald E Lyons, Robert M Suryan, Ken Collis
Long-distance dispersal results in a large-scale metapopulation of caspian terns in western North America

Wednesday 20 August

08:30

Plenary 3 [Room 1]

Tim Blackburn

Beyond the long list, or four things we (should) know about bird invasions

09:30

Coffee Break

10:00

Concurrent Symposia

[Room 2]

S01 The avifauna of the Sino-Himalayas: history, ecology, (no?) future

Convenors: Dieter Thomas Tietze, Germany; Sun Yue-Huaz, China

10:03 **s01-1k** Martin Paeckert, Yue Hua Sun, Jochen Martens, Dieter Thomas Tietze

Past, extant and future diversification patterns of Sino-Himalayan passerines

10:30 **s01-2k** Fumin Lei, Yanhua Qu, Gang Song

Phylogeographical patterns of birds in response to the Quaternary environmental changes on the Tibetan Plateau and adjacent regions

10:57 **s01-3** Alexander Nazarenko

The Sino-Himalayan avifauna (S-HA) as a high power species pool for colonizing nearby regions, mainly north/eastwards, in the course of Pleistocene glacial/interglacial alterations

11:19 **s01-4** Bhoj Kumar Acharya, Lalitha Vijayan

The drivers of a mid-elevation peak in bird diversity of the eastern Himalayas, India

11:41 **s01-5** Paul R Elsen, Morgan W Tingley, David S Wilcove

Interactions between climate, competition, and habitat in limiting Himalayan bird distributions

[Room 3]

S02 Rice fields as a model system for studying bird ecology and conservation

Convenors: Chris Elphick, USA; Tatsuya Amano, UK

10:03 **s02-1k** Chris S Elphick

A history of ecological studies of birds in rice fields

10:30 **s02-2k** Tatsuya Amano

Avian responses to heterogeneity in rice fields at local, landscape and macro scales

10:57 **s02-3** Mauro Fasola, Elisa Cardarelli, Daniele Pellitteri-Rosa, Luigi Ranghetti

The recent decline of heron populations in Italy and the changes in rice cultivation practice

11:19 **s02-4** Claire Pernollet, Michel Gauthier-Clerc, Matthieu Guillemain

Rice farming and duck interactions: looking at possible mutual benefits by testing post-harvest practices and duck densities

11:41 **s02-5** Richard Edward Smedley, Colin V Prescott, Alexander M Stuart, Graham J Holloway,

Grant R Singleton

Does Alternate Wetting and Drying have an impact on birds in rice fields?

[Room 4]

S22 Sensory and molecular genetics mechanisms of migratory traits

Convenors: Miriam Liedvogel, Sweden; Dmitry Kishkinev, Canada

10:03 **s22-1k** Dmitry Kishkinev, Nikita Chernetsov, Dominik Heyers, Henrik Mouritsen

Sensory mechanisms of long-distance navigation in migratory songbirds: a recent advance

- 10:30 **s22-2k** Max Lundberg, John Boss, Miriam Liedvogel, Bjorn Canback, Keith Larson,
Susanne Akesson, Mats Grahn, Anthony Wright, Staffan Bensch
Genomic analyses of a migratory divide between two subspecies of the Willow Warbler
Phylloscopus trochilus
- 10:57 **s22-3** Nikita Chernetsov, Alexander Pakhomov
Hierarchy of compass cues in migrating passerines: what is the role of the stellar compass?
- 11:19 **s22-4** Rachel Muheim
Disentangling the behavioural and physiological mechanisms of magnetic compass orientation and
polarized light sensitivity in birds
- 11:41 **s22-5** Christine Niessner, Roswitha Wiltschko, Michael Winklhofer
Structure and function of the two avian senses for direction and intensity of the geomagnetic field

[Room 5]

S26 Plasticity in birdsong production

Convenors: Roderick A. Suthers, USA; Kazuo Okanoya, Japan

- 10:03 **s26-1k** Roderick A Suthers
Peripheral mechanisms for birdsong diversity
- 10:30 **s26-2k** Ryosuke O Tachibana, Neal A Hessler, Kazuo Okanoya
Neural basis for adaptive adjustment of temporal structure in song of Bengalese Finches
- 10:57 **s26-3** Brenton G. Cooper, Catherine M. Urbano
Lateralization of song production and implications for song plasticity in Bengalese Finches
- 11:19 **s26-4** Henrik Brumm, Sue Anne Zollinger
How vocal plasticity facilitates communication in birds
- 11:41 **s26-5** John Martin Wild
Involvement of the songbird song system in reproductive behaviour

[Room 6]

S23 Avian brood parasitism - novel findings and new puzzles

Convenors: Fugo Takasu, Japan; Jin-Won Lee, Korea

- 10:03 **s23-1k** Jin-Won Lee
Geographic morph-ratio cline in a host species with egg color polymorphism: selection gradient
versus gene flow
- 10:30 **s23-2k** Mary Caswell Stoddard
The evolvability of mimetic egg patterns: a new perspective
- 10:57 **s23-3** Canchao Yang, Longwu Wang, Wei Liang
Absence of host aggression towards brood parasites in a multiple -cuckoo parasite system, China
- 11:19 **s23-4** Melanie F Guigueno, Scott A MacDougall-Shackleton, David F Sherry
Sex and seasonal differences in cognition in Brown-headed Cowbirds (*Molothrus ater*)
- 11:41 **s23-5** Justin Lee Rasmussen, Laura Azzani, James Vincent Briskie
Do Shining Cuckoos mimic the odours of their host?

[Room 7]

S14 Neural plasticity and the waxing and waning of cognition in birds

Convenors: Scott A. MacDougall-Shackleton, UK; Susan D. Healy, UK

- 10:03 **s14-1k** David F Sherry
Seasonal change in the avian brain: energy, trade-offs, and remodelling
- 10:30 **s14-2k** Susan D Healy
Variation in cognitive ability: causes and confounds
- 10:57 **s14-3** Meng-Ching Ko, Carolina Frankl-Vilches, Antje Bakker, Manfred Gahr
Transient transcriptomic profiling of pre-singing adult female Canary brain at the onset of
testosterone treatment
- 11:19 **s14-4** Hiroko Eda-Fujiwara, Aiko Watanabe, Ryohei Satoh, Takenori Miyamoto
Changes in preferential response for a mate's call in the budgerigar, a monogamous parrot
(*Melopsittacus undulatus*)

- 11:41 **s14-5** Scott A. MacDougall-Shackleton, Zachary J. Hall, Caitlin L. Vandermeer, Michael R. Hasstedt, Biran D. Robertson
Gonad-dependent and gonad-independent regulation of neural and behavioural plasticity in songbirds

[Room 8]

S43 Ecological immunology at 30: a midlife crisis or newfound opportunity?

Convenors: Kirk Klasing, USA; Kevin Matson, Netherlands

- 10:03 **s43-1k** Liliana D'Alba, Matthew D Shawkey
Antimicrobial functions of avian eggshells in an ecological context.
- 10:30 **s43-2k** Kirsten Grond, Richard B. Lanctot, Jorge W. Santo Domingo, Hodon Ryu, Brett K. Sandercock
Linking gut microbiota composition to life-history and individual quality of arctic-breeding shorebirds
- 10:57 **s43-3** Jacintha G.B. van Dijk, Kevin D Matson, Ron A.M. Fouchier, Marcel Klaassen
Body condition and immune status as potential risk factors for avian influenza virus infection in migratory birds
- 11:19 **s43-4** Henry Kamau Ndithia, Samuel Muchane Muchai, B Irene Tieleman
Decision to breed in tropical Red-capped Lark (*calandrella cinerea*) is a balance between reproduction and adequate immune defense against disease

[Room 9]

S05 Recent advances in the study of Psittaciformes: breeding biology, population ecology and phylogeography

Convenors: Jörn Theuerkauf, Poland; Leo Joseph, Australia

- 10:03 **s05-1k** Robert Heinsohn
Breeding biology and conservation of old world Psittaciformes
- 10:30 **s05-2k** Leo Joseph
Phylogeography: its development in recent years and relevance to parrots
- 10:57 **s05-3** Joern Theuerkauf, Sophie Rouys, Roman Gula
Impact of invasive species on parrots - case studies in New Caledonia and Wallis & Futuna Archipelago
- 11:19 **s05-4** Justin Ross Eastwood, Mathew L Berg, Raoul F.H Ribot, Katherine L Buchanan, Ken Walder, Andy T. D. Bennett
Beak and feather disease virus in a wild parrot species complex (*Platycercus elegans*): host predictors of prevalence and effects on breeding biology
- 11:41 **s05-5** Igor Berkunsky, Gonzalo Daniele, Federico P. Kacoliris, Jose A. Diaz Luque, Rosana M. Aramburu, James D. Gilardi
Reproduction in Blue-throated Macaws: factors limiting the recovery of a critically threatened parrot under intense management.

13:30

Plenary 4 [Room 1]

Fred Sheldon

Return to the Malay Archipelago: the biogeography of Bornean birds

14:30

Coffee Break

15:00

Poster Session 2

Subject areas:

- [Poster 2] SA04 Conservation
[Poster 4] SA07 Foraging, energetics & nutrition
[Poster 1] SA11 Phylogeography & Population genetics
[Poster 3] SA13 Systematics, biogeography and paleontology

16:30

Concurrent Oral Sessions

[Room 2]

o09 Community Ecology 2

- 16:30 **o09-1** Reiji Suzuki, Charles E. Taylor, Martin L. Cody
Temporal partitioning to avoid soundspace overlap by bird communities
- 16:48 **o09-2** Shiho Matsubayashi
Quantifying forest vertical structure to determine bird habitat quality in the Greenbelt Corridor, Denton, Texas
- 17:06 **o09-3** Celia Grande, Julia Stahl, Martin Maier
Consequences of land use change for breeding birds at the German Coast
- 17:24 **o09-4** Sora M. Estrella, Grant B. Pearson, Theunis Piersma, Andrew W. Storey
Shorebirds in a tropical bay: what resources support their food webs?
- 17:42 **o09-5** Ingrid A Stirnemann, Karen Ikin, Philip Gibbons, Wade Blanchard, David B Lindenmayer
Bird community responses to vegetation cover and structural heterogeneity

[Room 3]

o14 Global Change

- 16:30 **o14-1** Naoki Katayama, Hisaya Murayama
Post-war changes in rice farming and egrets in Japan
- 16:48 **o14-2** Shuihua Chen, Qin Zhang, Sisi Lang, Qin Huang
Responses of the Chinese bulbul in life history traits to urbanization: the role of food and nest predation
- 17:06 **o14-3** Janet L. Gardner, Tatsuya Amano, Brendan G Mackey, William J. Sutherland, Anne Peters
Birds, body size and climate change
- 17:24 **o14-4** Alan Tristram Kenneth Lee
Fynbos endemic birds are vulnerable to extinction due to global warming
- 17:42 **o14-5** Henrik G Smith, Maria von Post, Ake Lindstrom, Ola Olsson, Martin Stjernman, Torben Wittwer
Decline of urban House Sparrows in relation to local and landscape factors

[Room 4]

o11 Evolutionary Ecology

- 16:30 **o11-1** Fugo Takasu
Modeling maintenance of egg polymorphism over a geographic scale
- 16:48 **o11-2** Lukas Jenni, Benjamin Homberger, Susanne Jenni-Eiermann
The importance of early-life environmental stress on total phenotypic variation
- 17:06 **o11-3** Christiaan Both
Changing phenology when phenotypic plasticity does not suffice: evidence for evolution in action?
- 17:24 **o11-4** Ben C Sheldon, Eleanor F Cole
The spatial scale of selection and the evolution of phenotypic plasticity in seasonal timing
- 17:42 **o11-5** Kees van Oers, Ben C Sheldon, Marcel E Visser, Jon Slate, Martien A.M. Groenen
The genomics of a wild passerine bird, the Great Tit *Parus major* and its application for quantitative traits

[Room 5]

o15 Hormones & Stress

- 16:30 **o15-1** Dongming Li, Chao Du, Bei Qiao, Yaqing Li, Yao Yao, Xuelu Liu, Yinchao Hao, Lina Wu, Shuo Cui, Yuefeng Wu
Molecular cloning and seasonal expression of corticosterone receptors in the diencephalon of Eurasian Tree Sparrows (*Passer montanus*)
- 16:48 **o15-2** Jyoti Singh, Neerja Trivedi, Sangeeta Rani, Vinod Kumar
Hormonal correlates of photoperiod induced seasonal life history states in the migratory Black-headed Bunting

- 17:06 **o15-3** Suvi Ruuskanen, Sonja V. Schaper, Ton G.G. Groothuis, Marcel E. Visser
Climate-induced environmental variation in yolk hormone levels in Great Tits
- 17:24 **o15-4** Rodrigo A Vasquez, Veronica Quirici, Cristobal I Venegas, John C Wingfield
Geographic variation in clutch size and stress response along a latitudinal gradient in the Thorn-tailed Rayadito (*Aphrastura spinicauda*), a Patagonian furnariid
- 17:42 **o15-5** Luis Alfonso Rojas Mora, Sophie Blareau, Fabrice Helfenstein
Effects of social status and oxidative stress on antioxidant allocation and sperm quality in a passerine bird

[Room 6]

o13 Sexual Behaviour 2

- 16:30 **o13-1** Murielle Aalund, Siri Schmitterloew, Anna Qvarnstrom
Do phenotypic and ejaculate quality reflect siring success in the Collared Flycatcher?
- 16:48 **o13-2** Szymon Marian Drobnik, Aneta Arct, Edyta Podmokla, Mariusz Cichon, Lars Gustafsson
Superior performance of extra-pair offspring may result from genotype-by-environment interactions
- 17:06 **o13-3** Katharina Mahr, Herbert Hoi
Flirty females? The role of female song in *Malurus cyaneus*
- 17:24 **o13-4** Samuel Snow, Suzanne Alonzo, Richard Owen Prum
"Broad-sense" sexual conflict: the evolution of female sexual autonomy and theoretical implications for the evolution of morphology and complex behavior in birds
- 17:42 **o13-5** Teru Yuta, Daisuke Nomi, Itsuro Koizumi
Females insure against infertility of their mates: an empirical test of the fertility insurance hypothesis in a wild bird population

[Room 7]

o10 Conservation 1

- 16:30 **o10-1** Bhagawan Raj Dahal, Martine Maron, Clive McAlpine
Conservation values of variously managed off-reserve forests for avifaunal communities in lowland Nepal
- 16:48 **o10-2** Dewi Malia Prawiradilaga
Bird community at Gunung Halimun Salak National Park: an important endemic bird area in Java, Indonesia
- 17:06 **o10-3** Kai Gedeon, Christoph Grueneberg, Steffen Kaempfer, Alexander Mitschke, Christoph Sudfeldt
Large-scale changes in birdlife and landscape - winners and losers in Germany over the past 25 years
- 17:24 **o10-4** Aisha Sultana, Mohammad Shah Hussain
Interrelationship of bird species richness and habitat features during breeding and nonbreeding seasons in Indian Himalayas - a conservation approach
- 17:42 **o10-5** Dean H Ansell
The cost-effectiveness of bird conservation in agricultural landscapes

[Room 8]

o12 Population Structure

- 16:30 **o12-1** Chih-Ming Hung, Robert M. Zink
Distinguishing the effects of selection from demographic history in the genetic variation of two Old World flycatchers
- 16:48 **o12-2** Mathew L Berg, Justin R Eastwood, Milla Mihailova, Raoul Ribot, Katherine L Buchanan, Andy T.D. Bennett
Hybrid zones and clines as sources of novelty in a parrot species complex: implications for speciation and conservation
- 17:06 **o12-3** Frank Rheindt
Admixture as a factor in diversification in Wallacean bird assemblages

- 17:24 **o12-4** Sayaka Mori, Osamu Hasegawa, Kazuhiro Eguchi, Yuko Hayashi, Masahiro Fujioka, Alexey Kryukov, Isao Nishiumi
The origin and trend of the common magpie in Japan: Microsatellite analysis of old and new introduced populations
- 17:42 **o12-5** V.V. Robin, Pooja Gupta, Vishnudas C.K., Uma Ramakrishnan
Comparative phylogeography of the entire understorey bird community in a sky island reveals differential impacts of island structure on population structure

[Room 9]

o16 Life history

- 16:30 **o16-1** Jean-Baptiste Thiebot, Akinori Takahashi, Motohiro Ito, Yuya Suzuki, Yutaka Watanuki
Cumulative delays from pre-breeding stages affect breeding chronology and performance in a migratory seabird
- 16:48 **o16-2** Akiko Shoji, Annette Fayet, Katherine Elizabeth Wynne-Edwards, Chris Perrins, Tim Guilford
Carry-over effects and individual variations in corticosterone level, at-sea behaviour and reproductive success in a small pelagic seabird, the Manx shearwater
- 17:06 **o16-3** Liesbeth De Neve, Davy Bosman, Catia Santos, Pascal Boeckx, Eric Stienen, Luc Lens
Individual variation in resource allocation strategies in the lesser black-backed gull
- 17:24 **o16-4** William Velmala, Sara Calhim, Pauliina Jarvisto, Wiebke Schuett, Toni Laaksonen
Timing of moult is regulated by an intrinsic schedule in the Pied Flycatcher (*Ficedula hypoleuca*)
- 17:42 **o16-5** Juan C. Oteyza, Thomas E. Martin
The effects of nest predation risk on parental investment and reproductive success.

20:00

Concurrent Round Table Discussion

[Room 4]

RTD01 Restoring seabird breeding colonies invaded by rats and other introduced mammals in Japan and Korea

Convenors: Kuniko Otsuki, Japan; S. Kim Nelson, USA

[Room 5]

RTD04 Applications of Unmanned Vehicle Systems (UAS) for Avian Studies

Convenors: David M. Bird, Canada; Juan Jose Negro, Spain

[Room 6]

RTD08 What can we learn from flight calls of migrants?

Convenors: Ommo Hüppop, Germany; Andrew Farnsworth, USA

[Room 7]

RTD12 Current Status of Avian Morphology

Convenors: James C. Vanden Berge, USA; M. Scott Echols, USA

[Room 8]

RTD10 Land bird monitoring in eastern Asia

Convenors: Simba Chan, Japan; Yu Yat-Tung, China

[Room 10]

RTD02 Establishing, promoting, and coordinating research needs and priorities for a globally endangered avian order, the Psittaciformes, through global cooperation

Convenor: Juan F. Masello, Germany

[Room 11]

RTD03 Discussing the causes of the population declines of Eurasian Tree Sparrows in Japan and House Sparrows in Europe

Convenors: Osamu Mikami, Japan; Fumio Taguchi, Japan

Thursday 21 August

08:30

Plenary 5 [Room 1]

Katherine Renton

Resource selection by parrots: challenges to identifying limiting factors

09:30

Coffee Break

10:00

Concurrent Symposia

[Room 2]

S34 Effects of radiation on birds and other organisms: Chernobyl, Fukushima and beyond

Convenors: Keisuke Ueda, Japan; Anders Pape Møller, France

10:03 **s34-1k** Timothy A Mousseau, Anders Pape Moller

Chernobyl, Fukushima and other hot places: biological consequences of nuclear accidents for avifauna

10:30 **s34-2k** Anders Pape Moller, Timothy Alexander Mousseau

Effects of radiation exposure on species diversity and population density of birds at Fukushima

10:57 **s34-3** Shin Matsui, Satoe Kasahara, Gen Morimoto, Osamu K Mikami, Mamoru Watanabe,

Keisuke Ueda

Radioactive contamination of nest materials of Eurasian Tree Sparrows due to the Fukushima nuclear accident

11:19 **s34-4** Audrey Sternalski, Shin Matsui, Christelle Adam-Guillermin

Fukushima radiation exposure & effects in birds

[Room 3]

S17 Avian Phylogeography in East Asia

Convenors: Isao Nishiumi, Japan; Bailey McKay, USA

10:03 **s17-1k** Bailey D. McKay

Avian phylogeography in East Asia: current status and future directions

10:30 **s17-2k** Isao Nishiumi, Chang-Hoe Kim

Japanese islands may have contributed to the rich species diversity of East Asian birds: results of DNA barcoding

10:57 **s17-3** Fasheng Zou, Yuchun Wu, Dongdong Su, Yanhua Zhang

Assessing the biogeographic impact of the 'Tanaka-Kaiyong line' in Southwest China: a comparison of avian community compositions and phylogeographic patterns

11:19 **s17-4** Herman Lee Mays, Bailey D McKay, Steven Hoffman, Matthew Spinelli, David Weisrock,

Eric O'Neill, Edward Roualdes

The Utility of Microfluidics PCR Libraries and Other Next-generation Sequencing Approaches in Avian Phylogeography: A Case Study for Light-vented (*Pycnonotus sinensis*) and Taiwan Bulbuls (*Pycnonotus taivanus*)11:41 **s17-5** Yang Liu, Mansour Aliabadian, Edouard Jelen, Nasrin Kayvanfar, Zhengwang ZhangPhylogeography and population genomics of a wide-ranging bird in Eurasia, the Common Pheasant *Phasianus colchicus*

[Room 4]

S25 Developmental stress beyond bird song: Can early life stressors engineer physiology and behavior for harsh environments?

Convenors: Kendra Sewall, USA; Britt Heidinger, UK

10:03 **s25-1k** Creagh W Breuner, Ondi L Crino, Haruka Wada

Adult phenotypes after developmental stress: assessing costs and benefits with fitness metrics

- 10:30 **s25-2k** Karen Spencer
Understanding developmental stress: integrating brain, physiology and behaviour
- 10:57 **s25-3** Britt J Heidinger, Katherine A Herborn, Francis Daunt, Pat Monaghan
Do Telomeres Shorten in Response to Early Life Stress?
- 11:19 **s25-4** Ton Groothuis, Sophie Rettenbacher, Bin-Yen Hsu, Rie Henriksen
The importance of the postnatal context for the study of prenatal effects
- 11:41 **s25-5** Stephan James Schoech, Sara E. Bebus, Emily K Elderbrock, Thomas W Small
The physio-behavioral phenotype: hypothalmo-pituitary-adrenal axis responsiveness and the timid-to-bold continuum in Florida Scrub-Jays

[Room 5]

S39 Ethno-ornithology: Birds, Culture & Conservation

Convenors: Andrew G Gosler, UK; Robert Gosford, Australia

- 10:03 **s39-1k** Ricardo Rozzi
Ethno-ornithology and environmental ethics in the southernmost forests of the world
- 10:30 **s39-2k** Mark Andrew Bonta
Ornithophilia, ornithophobia: encounters and dialogues in the human landscape
- 10:57 **s39-3** Nicole Suzanne Dauphine, Agustin Tsamajain-Yagkuag, Segundo Tsamajain-Yagkuag, Oscar Tsamajain-Shiwig, Robert J Cooper
The bird people: Jívaro traditional beliefs, ecological knowledge, and conservation of birds in the Peruvian Amazon
- 11:19 **s39-4** Shan Su, T.M. Blackburn, Phillip Cassey
The bird trade in Taiwan: an analysis of an Eastern pathway to biological invasions
- 11:41 **s39-5** Mel Galbraith
Tiritiri Matangi Island, New Zealand: inspiring environmental stewardship through interactions with birds

[Room 6]

S27 Non-native birds as natural experiments: ecological and evolutionary change during biological invasions

Convenors: Diederik Strubbe, Belgium; Darius Stiels, Germany

- 10:03 **s27-1k** Diederik Strubbe, Erik Matthysen
Niche changes during biological invasions: prevalence, drivers and consequences
- 10:30 **s27-2k** Simon Tollington, Jim Groombridge, Carl Jones, Andrew Greenwood, Vikash Tatayah
Effects of contrasting evolutionary life histories on genetic variation and immune function in birds: a test using populations of endemic and invasive parakeets on Mauritius.
- 10:57 **s27-3** Adrian John Craig
Common Starlings in South Africa: alien, but not invasive?
- 11:19 **s27-4** Friederike Woog
Feral Greylag Geese - why do they fare so well?
- 11:41 **s27-5** Hitoha E. Amano, Kazuhiro Eguchi
Status of an invasive species, the Red-billed Leiothrix and negative impact on native species in Japan

[Room 7]

S31 Birds in space: is individual variation relevant?

Convenors: Niels Dingemanse, Germany; Pim Edelaar, Spain

- 10:03 **s31-1k** Renee A. Duckworth, Stephanie Aguillon
Evolutionary feedback loops: population cycles as both a cause and consequence of individual variation in behavior
- 10:30 **s31-2k** Erik Matthysen, Lisa Arvidsson, Thijs Van Overveld
Spatial behaviour in the Great Tit: exploration, personality and dispersal
- 10:57 **s31-3** Niels J. Dingemanse, Yimen Araja-Ajoy
Adaptive behavioural variation in social environments
- 11:19 **s31-4** Kaisa Telve, Marko Magi
Does immobility in a novel environment predict breeding performance: a study of Great Tits in two different habitats

[Room 8]

S33 Departure decisions in nocturnal migrants

Convenors: Heiko Schmaljohann, Germany; Arseny Tsvey, Russia

- 10:03 **s33-1k** Heiko Schmaljohann, Arseny Tsvey
Departure decisions in nocturnally migrating songbirds: when, in which direction, and why?
- 10:30 **s33-2k** Philip D. Taylor, Chris G Guglielmo
Nocturnal departure decisions of individuals at ecological barriers
- 10:57 **s33-3** Robert H Diehl, Jill L Deppe, Michael P Ward, Frank R Moore, Theodore J Zenzal, Jr.,
Jaclyn A Smolinsky, Antonio Celis-Murillo, Eben H Paxton, William W Cochran,
Rachel T Bolus, Lynn Schofield
Departure and flight behavior of migrants facing a large water crossing
- 11:19 **s33-4** James D McLaren, Judy Shamoun-Baranes, Willem Bouten
Optimal wind selectivity and flight orientation on departure among avian migrants - dependencies
on prevailing wind conditions and flight distances
- 11:41 **s33-5** Sara Lupi, Marco Cianchetti, Massimiliano Cardinale, Wolfgang Goymann, Leonida Fusani
Physiological conditions influence stopover decision in short-distance migrants

[Room 9]

S48 Physiological mechanisms underlying individual variation in life-history traits

Convenors: Marcel Visser, Netherlands; Tony Williams, Canada

- 10:03 **s48-1k** Tony David Williams
Individual variation in workload during parental care: can we detect a physiological signature of
quality or cost of reproduction?
- 10:30 **s48-2k** Pat Monaghan
Mechanisms underlying individual variation in ageing and mortality: the importance of early life
- 10:57 **s48-3** Marcel Erik Visser, Phillip Gienapp, Samuel P. Caro
Mechanisms underlying individual variation in timing of breeding
- 11:19 **s48-4** John Cockrem
Individual variation in corticosterone responses and the ability of birds to cope with environmental
change
- 11:41 **s48-5** Jaanis Lodjak, Marko Magi
Insulin-like growth factor 1 drives life-history evolution in passerine birds

13:30

Plenary 6 [Room 1]

John Maina

Perspectives on the functional design of the avian respiratory system

14:30

Coffee Break

16:30

Concurrent Oral Sessions

[Room 2]

o17 Conservation 2

- 16:30 **o17-1** Yanping Wang, Ping Ding
Ecological correlates of vulnerability to fragmentation in forest birds on inundated subtropical
land-bridge islands
- 16:48 **o17-2** Luc Lens, Liesbeth De Neve, Dries Van De Loock, Laurence Cousseau, Mwangi Githiru,
Tom Callens, Carl Vangestel
Facultative cooperative breeding in Cabanis's greenbul (*Phyllastrephus cabanisi*) in relation to
cloud forest fragmentation
- 17:06 **o17-3** S. James Reynolds, Graham R. Martin, Colin P. Wearn, B. John Hughes
Mesopredator release: impacts on previously unaffected components of a seabird population

- 17:24 **o17-4** Kathy Martin, José Tomás Ibarra, Kristina Cockle, Tomás A. Altamirano
Variation in the role of tree decay to promote cavity nester biodiversity in the World Wide Cavity Nest Web
- 17:42 **o17-5** Dejan Stojanovic, Matthew Webb, Aleks Terauds, Robert Heinsohn
Variable food supplies and introduced predators set a complex ecological trap for a facultative migratory bird.

[Room 3]

o19 Migration 1

- 16:30 **o19-1** Martina S. Muller, Bruno Massa, Richard A. Phillips, Giacomo Dell'Omo
Going the distance: Shared duration and destination of overwintering in pairs of Scopoli's shearwaters (*Calonectris diomedea*)
- 16:48 **o19-2** Julia Bojarinova, Olga Babushkina
The role of endogenous rhythm in movements of facultative migrants
- 17:06 **o19-3** Christoph Manuel Meier, Raul Aymi, Hakan Karaardic, Pavel Zehindjiev, Felix Liechti
To be at the right place at the right time - individual timing of annual life history events by a trans-Saharan migrant
- 17:24 **o19-4** Annette L. Fayet, Akiko Shoji, Dave Boyle, Chris Perrins, Tim Guilford
Dispersion, route fidelity and within-pair coordination: the mysterious migration of the Atlantic Puffin

[Room 4]

o22 Physiology

- 16:30 **o22-1** Anand Shanker Dixit, Namram Sushindrajit Singh
Seasonal changes in responsiveness of the photoperiodic response system to long day length in the subtropical tree sparrow
- 16:48 **o22-2** Masanori Nakamura, Kenta Yahata, Akira Urushikubo, Naoki Tsukahara, Yasuyuki Tobe, Shoei Sugita
Numerical demonstration of inspiratory aerodynamic valving in Japanese Quail
- 17:06 **o22-3** Tegan K Douglas, Christine E Cooper, Philip C Withers, Stephen J.J.F Davies
Winter thermoregulatory strategies of a small, solitary-roosting bird, the Rufous Treecreeper (*Climacteris rufa*)
- 17:24 **o22-4** Ila Mishra, Devraj Singh
Circadian rhythm of neurotransmitters and neuromodulators in central and peripheral tissues of a migratory song bird

[Room 5]

o20 Parasites & immunity

- 16:30 **o20-1** Anna Dubiec, Edyta Podmokla, Mariusz Cichon
The effect of hen flea infestation on the status and intensity of infection with malaria parasites in the Blue Tit
- 16:48 **o20-2** Barbara Lukasch, Helena Westerdahl, Herbert Hoi
Genetic background helps understanding immunocompetence, growth and survival in House Sparrows
- 17:06 **o20-3** Pieter van Veelen, Maaïke Versteegh, Florencia Bult, Irene Tieleman
Does environmental microbial community composition drive maternal immune investment in avian eggs?
- 17:24 **o20-4** Raul Ramos, Romain Garnier, Jacob Gonzalez-Solis, Thierry Boulinier
Long antibody persistence and transgenerational transfer of immunity in a long-lived vertebrate
- 17:42 **o20-5** Edward H. Burt, Jr., Cody M. Kent
Dynamics of a plumage ecosystem

[Room 6]

o21 Phylogeography & Phylogenetics

- 16:30 **o21-1** Alexey Kryukov, Elisabeth Haring
Comparative phylogeography of widespread Palearctic corvid birds

- 16:48 **o21-2** Nasrin Kayvanfar, Mansour Aliabadian, Zhengwang Zhang, Yang Liu
Phylogeography of *Phasianus colchinus* Linnaeus, 1758 inferred from mitochondrial and nuclear genes in Iranian plateau
- 17:06 **o21-3** Martin Stervander, Juan Carlos Illera, Laura Kvist, Naomi Keehnen, Peter Pruißcher, Pedro Barbosa, Bengt Hansson
Resolving the puzzling evolutionary background of Blue Tits (*Cyanistes* spp.) on the Canary Islands, in Africa, and in Europe
- 17:24 **o21-4** Ariya Dejataradol, Swen C. Renner, Martin Paeckert
Phylogeography and bioacoustic variation of Southeast Asian bulbuls (Aves: Pycnonotidae)
- 17:42 **o21-5** Jonathan Kennedy, Zhiheng Wang, Jason Weir, Carsten Rahbek, Jon Fjeldsa, Trevor Price
Into and out of the tropics: the generation of the latitudinal gradient among New World passerine birds

[Room 7]

o23 Population Ecology

- 16:30 **o23-1** Thomas W. Sherry, Scott Wilson, Sarah Hunter, Richard T. Holmes
Population limitation in a migratory songbird with variable recruitment: direct and indirect effects of nest depredation and weather on reproductive success
- 16:48 **o23-2** Ella F. Cole, Peter R. Long, Ben C. Sheldon
Predicting small-scale variation in Great Tit breeding phenology using remotely-sensed satellite data
- 17:06 **o23-3** Alexandre Villers, Brigitte Planade, Ville Vasko, Erkki Korpimäki
When early birds do not get the worm: habitat heterogeneity modulates the breeding performance of a raptor under changing climate
- 17:24 **o23-4** Go Fujita, Hiyoroshi Higuchi
Undermatching swallow distributions at large scales due to perceptual constraints
- 17:42 **o23-5** Atsushi Kobayashi, Hiroshi Nakamura
Age dependent reproductive success and seasonal change of adult survival of Japanese Rock Ptarmigan

[Room 8]

o18 Social Interactions

- 16:30 **o18-1** Tomasz S Osiejuk, Michal Skierczynski, Anna Wisniewska, Katarzyna Losak, Lucyna Wojas, Aleksandra Jakubowska, Pawel Szymanski, Krzysztof Deonizak
Within-song type variation facilitates neighbour-stranger discrimination in a bird with a small repertoire size
- 16:48 **o18-2** Martine Hausberger, Cecile Bourguet, Marion Coulon, Christine Aubry, Laurence Henry
Sharing mates and nestboxes is associated with female "friendship" in European Starlings *Sturnus vulgaris*
- 17:06 **o18-3** Dinesh Chandra Bhatt, Vinaya Kumar Sethi, Amit Kumar
Song sharing in neighbouring and non-neighbouring territorial male Pied Bush Chats
- 17:24 **o18-4** Roman Gula, Jorn Theuerkauf, Ralph Kuhn
Social organization in the flightless Kagu, a bird endemic to New Caledonia
- 17:42 **o18-5** Mylene M Mariette, Kate L Buchanan
Can birds negotiate hatching time via acoustic communication?

[Room 9]

o24 Evolutionary Morphology

- 16:30 **o24-1** Sumio Nakamura
Postglacial colonization and diversification of the Jungle Crow in its north-eastern frontier as revealed by comparative morphological analysis
- 16:48 **o24-2** Katharine E Browne, Julia Clarke
Ecological and phylogenetic significance of the scleral ring in diving aquatic birds
- 17:06 **o24-3** Anick Abourachid
Walkings, from birds to dinosaurs.

- 17:24 **o24-4** Teresa J Feo, Richard O Prum
The morphological and developmental evolution of asymmetrical flight feathers
- 17:42 **o24-5** Daniel T Ksepka
Fossil Insight into the Evolution of Penguins

20:00

Concurrent Round Table Discussion

[Room 6]

RTD13 The birds at Fukushima-daiichi NPP and Tohoku Tsunami area, present and future, or good ornithology for and by the people

Convenors: K. Ishida, Japan; T. Mousseau, USA; T. Shimada, Japan

[Room 7]

RTD14 EWA - the Ethno-ornithology World Archive

Convenors: Andrew G Gosler, UK; John H Fanshawe, UK

[Room 8]

RTD15 East Asia-Australasian Flyway shorebird research and conservation needs

Convenors: Sora M. Estrella, Australia; Robert Davis, Australia; Judit K. Szabo, Korea

Saturday 23 August

08:30

Plenary 7 [Room 1]

Helen James

The Paleontology of Now: Hawaii's birds in the Anthropocene

09:30

Coffee Break

10:00

Concurrent Symposia

[Room 2]

S28 Avian cognition in natural populations

Convenors: Sang-im Lee, Korea; Piotr Jablonski, Poland

10:03 **s28-1k** Julie Morand-FerronCognition, ecology, and evolution in wild Great Tits (*Parus major*)10:30 **s28-2k** Piotr G Jablonski, Sang-im Lee, Elzbieta Fuszara, Maciej Fuszara, Jerram L. Brown,

Esther Brown

Do Mexican Jays choose peanuts by listening to the sounds produced by handling the nuts? -field experiments.

10:57 **s28-3** Magne Husby, Arild Husby

What determines vehicle avoidance behaviour in birds?

11:19 **s28-4** Amelie N Dreiss, Alexandre Roulin

Sibling Communication in barn owls: role of cognition and social interaction

11:41 **s28-5** Sarah Ann Jelbert, Alexander Harwood Taylor, Russell D Gray

Physical cognition in wild-caught New Caledonian crows

[Room 3]

S04 Birds and agroecosystems: experiences from the tropics

Convenors: Augusto João Piratelli, Brazil; Cagan Sekercioglu, USA

10:03 **s04-1k** Augusto Joao Piratelli, Augusto Joao Piratelli, Alexandre Marco da Silva,

Fatima C. M. Pina-Rodrigues, Silvio Yuji Onary Alves, Lucas Andrei Campos Silva

Identifying areas of high-value for bird conservation and restoration of diversity in the Brazilian Southeastern region

10:30 **s04-2k** Cagan H Sekercioglu

Bird functional diversity and ecosystem services in tropical forests, agroforests and agricultural areas

10:57 **s04-3** Christian H. Schulze

The conservation importance of agroforests and tree plantations for forest birds in the Malay Archipelago

11:19 **s04-4** Julian Llano-Mejia, Katherine Certuche-Cubillos, Mario Gomez-Martinez

Bird functional diversity changes in tropical dry forest: comparison among a forest patch, silvopastoral systems and pastures

11:41 **s04-5** Ghanashyam Sharma, Bhoj Kumar Acharya, Kishor Sharma

Potentiality of Indigenous Agroforestry Systems with reference to bird diversity in the Sikkim Himalayas, India

[Room 4]

S45 Avian phylogenetics: advances in understanding of Old World passerine evolution

Convenors: Alice Cibois, Switzerland; Shou-hsien Li, Taiwan

10:03 **s45-1k** Alice Cibois

What's a warbler? Phylogeny of the Old World "Sylviidae" complex

- 10:30 **s45-2k** Shou-Hsien Li
What can we learn from the molecular systematics, phylogeography, and speciation genetics of Taiwanese birds?
- 10:57 **s45-3** Feng Dong, Shou-Hsien Li, Xiao-Jun Yang
Molecular systematics and diversification of the Asian scimitar babblers (Timaliidae, Aves)
- 11:19 **s45-4** Rebecca Brown Harris
Speciation in Eurasian Wagtails (Aves: Motacilla): inferring phylogeny, delimiting species, and estimating gene flow using RAD-seq data.
- 11:41 **s45-5** Yang Liu, Manuel Schweizer, Junhua Hu, Shou-Hsien Li
Diversification and the adaptive radiation of the Parrotbills in Asia

[Room 5]

S38 Evolutionary Morphology of Birds: New Methods and Concepts

Convenors: Andrei V. Zinoviev, Russia; Dominique G. Homberger, USA

- 10:03 **s38-1k** Dominique G. Homberger
The interdependent evolution of the flight, feeding, respiratory and vocalization apparatus in birds: advances in 3D visualization and animation
- 10:30 **s38-2k** Mikhail V. Kalyakin
Analysis of morphology and functions of jaw apparatus of Vietnamese Passerine birds (Passeriformes; Aves) helps us to specify their trophic adaptations and systematic position
- 10:57 **s38-3** Daniel N Doring, Coen PH Elemans
The songbird syrinx morphome: a three-dimensional, high-resolution, interactive morphological map of the Zebra Finch vocal organ
- 11:19 **s38-4** Andrei Valerievich Zinoviev
Peculiarities of deep dorsal thigh muscles in moa (Aves, Dinornithiformes)
- 11:41 **s38-5** Pauline Provini, Anick Abourachid
The pelvic system of birds and the origin of flight

[Room 6]

S29 The value of long-term ringing data in ornithology

Convenors: Ommo Hüppop, Germany; Nikita Chernetsov, Russia

- 10:03 **s29-1k** Leonid Sokolov
Possibilities of long-term monitoring of birds by Rybachy-type funnel traps
- 10:30 **s29-2k** Ommo Hüppop
The value of long-term ringing data in the light of environmental change
- 10:57 **s29-3** Johanna Sofia Ulrica Hedlund, Sven Jakobsson, Thord Fransson, Cecilia Kullberg
Latitudinal differences in long-term migratory change in the Willow Warbler (*Phylloscopus trochilus*)
- 11:19 **s29-4** Piotr Tryjanowski, Reuven Yosef, Piotr Zduniak, Michal Zmihorski
An ultra-rich, but homogenized, biodiversity hot-spot: a long-term study using ringing data at Eilat, Israel
- 11:41 **s29-5** Soren Svensson
Combining migration counts from several sites - a way to improve population monitoring by ringing stations

[Room 7]

S30 Ecophysiology of Circannual and Long-term Timing Mechanisms: Recent Advances

Convenors: Asha Chandola-Saklani, India; Barbara Helm, UK

- 10:03 **s30-1k** Phil Battley, Jesse Conklin, Angela Parody Merino, Francisco Prosdocimi, Andrew Fidler
Multi-year consistency of individual migration timing in Bar-tailed Godwits
- 10:30 **s30-2k** Asha Chandola-Saklani, Kiran Negi, Anjana Farswan, Atul Kathait
Ecophysiology of the circannual clock in Spotted Munia, *Lonchura punctulata*
- 10:57 **s30-3** Janne Ouweland, Claudia Burger, Christiaan Both
Do earlier birth dates in Pied flycatchers allow for rapid adaptation of laying to climate change?
- 11:19 **s30-4** Barbara M. Tomotani, Sonja V. Schaper, Samuel Caro, Marcel E. Visser
Avian annual temporal organization in a warming world

- 11:41 **s30-5** Natalia P. Iovchenko
 Role of photoperiod and circannual rhythms in the control of seasonal events in food specialists
 Cardueline finches (Fringillidae)

[Room 8]

S21 Avian Neurosteroids: Biosynthesis and Biological Action

Convenors: Kazuyoshi Tsutsui, Japan; Barney A. Schlinger, USA

- 10:03 **s21-1k** Kazuyoshi Tsutsui
 Biosynthesis and biological action of pineal allopregnanolone in birds
- 10:30 **s21-2k** Barney A Schlinger
 Biosynthesis and biological action of estrogen at the synapse in birds
- 10:57 **s21-3** Takayoshi Ubuka, Shogo Haraguchi, Yasuko Tobar, Misato Narihiro, Kei Ishikawa,
 Takanori Hayashi, Nobuhiro Harada, Kazuyoshi Tsutsui
 Gonadotropin-inhibitory hormone inhibits socio-sexual behaviors by increasing neuroestrogen
 synthesis in the male quail
- 11:19 **s21-4** Hiroko Ohki-Hamazaki, Fumihiko Maekawa
 Delayed onset and irregular cycles of oviposition in female chicken chimera grafted with male
 brain
- 11:41 **s21-5** Ila Mishra, Gaurav Majumdar, Sangeeta Rani, Vinod Kumar
 Neural regulation of seasonality in Palaearctic-Indian night-migratory songbirds

[Room 9]

S47 Patterns and mechanisms of metabolic flexibility in birds

Convenors: David Swanson, USA; François Vézina, Canada

- 10:03 **s47-1k** David L Swanson, Francois Vezina
 Environmental, ecological and mechanistic drivers of seasonal metabolic flexibility in birds
- 10:30 **s47-2k** Andrew McKechnie, Ben Smit, Tanja vandeVen, Matthew Noakes
 Seasonal metabolic adjustments in southern African birds
- 10:57 **s47-3** Wei-Hong Zheng, Lin Lin, Jin-Song Liu
 Effects of temperature and photoperiod on energy metabolism and thermoregulation in Chinese
 Bulbuls *Pycnonotus sinensis*
- 11:19 **s47-4** Joanna Rutkowska, Edyta T. Sadowska, Anna M. Labecka, Mariusz Borowski,
 Mariusz Cichon, Ulf Bauchinger
 Water availability mitigates the effects of extended fasting in Zebra Finches
- 11:41 **s47-5** Jan-Ake Nilsson, Andreas Nord
 When body temperature is increasing; potential constraints to work rate.

13:30

Plenary 8 [Room 1]

Cao Lei

The East Asian Flyway - waterbirds in trouble

14:30

Coffee Break

15:00

Poster Session 3

Subject areas:

- [Poster 1] SA02 Cognition, learning & communication
 [Poster 4] SA08 Migration & orientation
 [Poster 2] SA10 Physiology; cell & molecular biology
 [Poster 4] SA12 Population & individual ecology
 [Poster 3] SA14 Other

16:30

Concurrent Oral Sessions**[Room 2]****o28 Sexual Behaviour 1**

- 16:30 **o28-1** Won Young Lee, Piotr G. Jablonski, Jae Chun Choe, Sang-im Lee
Parental food provisioning strategy in relation to brood sex ratio in the Black-billed Magpie: an experimental study
- 16:48 **o28-2** Lotte Schlicht, Mihai Valcu, Peter Loes, Alexander Girg, Bart Kempenaers
A behavioural correlate of extra-pair paternity in Blue Tits *Cyanistes caeruleus*
- 17:06 **o28-3** Silu Wang
Breeding habitats and song structures shed light on evolutionary mechanisms of tinamou (Tinamidae, Tinamiformes) sexual dimorphisms
- 17:24 **o28-4** Monica Beatriz Martella, Mauricio Renny, Marina Chiappero, Joaquin Luis Navarro
A genetic approach to understanding the mating system of greater rheas

[Room 3]**o25 Conservation of migratory birds**

- 16:30 **o25-1** Judit K Szabo
Migratory waterbird research and monitoring in the East-Asian Australasian Flyway - essential for conservation or fiddling while Rome burns?
- 16:48 **o25-2** Robert Allyn Davis, Sora Estrella, Pierre Horwitz
Shorebird foraging ecology in Australia: anthropogenic vs natural supratidal habitats.
- 17:06 **o25-3** Claire Runge, Paul O'Neill, Ian Hay, Hugh Possingham, Richard Fuller
Global patterns in the conservation of migratory birds
- 17:24 **o25-4** Robert Scott Clemens, Richard A Fuller, Greg A Skilleter
Ecology of migratory shorebirds in Australia's ephemeral wetlands
- 17:42 **o25-5** Tetsuo Shimada, Masayuki Kurechi, Yasushi Suzuki, Yoshihiko Miyabayashi, Hiroyoshi Higuchi
Effects of the Great East Japan Earthquake on the wintering distribution of Brent Geese

[Room 4]**o31 Song**

- 16:30 **o31-1** Martin L Cody, George Kossan, Edward Stabler, Hector Manuel Sanchez, Charles E Taylor
Song structure and organization in California Thrashers (*Toxostoma redivivum*)
- 16:48 **o31-2** Anna Klenova, Yulia Kolesnikova
Non-gradual vocal development through the stage of voice breaking in three species of Auks (*Alcidae*, *Charadriiformes*).
- 17:06 **o31-3** Daizaburo Shizuka
Song discrimination before song learning in free-living sparrows: implications for learning and evolution
- 17:24 **o31-4** Miki Takahasi, Hiroko Kagawa
The plasticity of song learning as revealed by a cross-fostering and a multiple tutor experiments in Bengalese Finches.
- 17:42 **o31-5** Kendra B Sewall, Jill A Soha, Susan Peters, Stephen Nowicki
A possible trade-off between song and a cognitive metric in a songbird

[Room 5]**o26 Migration 2**

- 16:30 **o26-1** Cecilia Nilsson, Johan Backman, Thomas Alerstam
Radar studies of flight speed and migration patterns of nocturnal passerine migrants in relation to light and topography
- 16:48 **o26-2** Takashi Yamamoto, Akinori Takahashi, Katsufumi Sato, Nariko Oka, Maki Yamamoto, Philip N Trathan
Migratory movement of Streaked Shearwaters *Calonectris leucomelas*

- 17:06 **o26-3** Guo-Jing Weng, Lucia Liu Severinghaus
Colonization of migratory Oriental Honey-buzzards in Taiwan reveals fast evolution of migration without a genetic basis
- 17:24 **o26-4** Mikkel Willemoes, Kasper Thorup
Migration of the Common Cuckoo *Cuculus canorus* and reactions to displacement followed with satellite telemetry
- 17:42 **o26-5** Raul Ramos, Jose Manuel Reyes-Gonzalez, Zuzana Zajkova, Teresa Militao, Joel Bried, Veronica Neves, Yann Kolbeinsson, Daniel Oro, Peter G. Ryan, Richard Cuthbert, Jacob Gonzalez-Solis
Individual consistency in migratory behaviour in Atlantic shearwaters and petrels

[Room 6]

o27 Disease

- 16:30 **o27-1** Andre A. Dhondt, Dana M. Hawley, Andy P Dobson, David Ley, Steven Geary, Wesley M Hochachka, Keila V Dhondt, Eric Osnas, Paul D Williams, Edan Tulman
Factors driving rapid changes in virulence of the bacterial pathogen *Mycoplasma gallisepticum* in house finches *Haemorrhous mexicanus*.
- 16:48 **o27-2** Yanina Sarquis-Adamson, Elizabeth A. MacDougall-Shackleton
Experimental infectivity trials reveal adaptation by song sparrow hosts to local strains of *Plasmodium*
- 17:06 **o27-3** Simeon Lisovski, Marcel Klaassen
The effect of spatially varying seasonality on the epidemiology of Avian Influenza
- 17:24 **o27-4** Christopher G Guglielmo, Greg William Mitchell, D Ryan Norris, Philip D Taylor
Testing the role of migratory birds in the spread of zoonotic disease
- 17:42 **o27-5** Peeter Horak, Marju Manniste
Emerging infectious disease selects for darker plumage coloration in Greenfinches

[Room 7]

o32 Species conservation

- 16:30 **o32-1** Kamal Islam, Kevin W Barnes, Sasha A Auer
Response of a declining wood warbler to forest treatments: Preliminary results from a 100-year study
- 16:48 **o32-2** Daniel D. Roby, Donald E. Lyons, Yasuko Suzuki, Stefanie Collar, Ken Collis, Stephen W. Kress
Conservation and restoration of tern colonies in North America
- 17:06 **o32-3** Tiwuwonge I Mzumara, Mike R Perrin, Colleen T Downs
Threats to Lilian's Lovebird *Agapornis lilianae* in Malawi: disease, predators & waterhole poisoning
- 17:24 **o32-4** Murray Alan Potter, Charlotte Jane Minson, Roger Graham Lentle
Determination of the nutrient requirements of kiwi (*Apteryx* spp.): a model for the development of synthetic diets for captive-held species
- 17:42 **o32-5** Alison R Kocek, Jonathan B Cohen
Factors affecting Saltmarsh and Seaside Sparrow reproductive success in New York City, NY, USA: implications for tidal marsh management action plans in urban areas.

[Room 8]

o30 Functional Morphology

- 16:30 **o30-1** Andre Desrochers
Habitat fragmentation as an evolutionary force shaping bird wings
- 16:48 **o30-2** Kevin M Middleton, Katherine E Johnson, Julia A Clarke
Estimating bending mechanics of extant and fossil penguin contour feathers
- 17:06 **o30-3** Matthew Shawkey, Mark Hauber, Daphne Fechey-Lippens
Structural color production in avian eggshells?
- 17:24 **o30-4** Ksenia Vsevolodovna Avilova
The morphology of the bill tip organ in Anseriformes
- 17:42 **o30-5** Till Topfer
The evolution of crypsis in nightjars (*Caprimulgidae*)

[Room 9]

o29 Foraging Patterns

- 16:30 **o29-1** Olivier Duriez, Louise Riotte-Lambert, Simon Benhamou
How food predictability affects foraging routines of Griffon Vultures
- 16:48 **o29-2** Bungo Nishizawa, Takashi Yamamoto, Elizabeth Labunski, Kathy Kuletz,
Catherine Meathrel, Richard A Phillips, Yuka Iwahara, Yoko Mitani, Kohei Matsuno,
Atsushi Yamaguchi, Yutaka Watanuki
Wintering hotpots of Short-tailed Shearwaters, and their prey distribution, in the Bering and
Arctic Seas
- 17:06 **o29-3** Jeffrey F Kelly, Eli S Bridge, Phillip B Chilson
Aeroecology of post-breeding Purple Martins (*Progne subis*): distribution, abundance and trophic
impact
- 17:24 **o29-4** Sean M Williams, Catherine A Lindell
Effects of social context on foraging behavior of participants in mixed-species flocks across space
- 17:42 **o29-5** Akinori Takahashi, Motohiro Ito, Kumi Nagai, Jean Baptiste Thiebot, Yuuki Watanabe
Foraging behaviour of Adélie Penguins throughout the Antarctic winter

20:00

Concurrent Round Table Discussion and Research Coordination Committees

[Room 4]

RCC01 Meeting of the Research Coordination Committee on Parrots (RCCP)

[Room 5]

RTD06 Cooperative project for sharing monitoring data of wildfowls in East Asia

Convenors: Sachiko Moriguchi, Japan; Lei Cao, China

[Room 6]

RTD07 eBird: an increasingly powerful tool for science and conservation

Convenors: Andrew Farnsworth, USA; Hugh Possingham, Australia

[Room 7]

**RTD11 Biodiversity and the rare Japanese Murrelet at Kaminoseki: "The Sea of Miracles" and Kaminoseki
nuclear power plant planning**

Convenor: Midori Takashima, Japan

[Room 8]

**RCC02 17th Scheduled Meeting of the Research Coordination Committee on Avian Nomenclature
(formerly Standing Committee on Ornithological Nomenclature)**

[Room 10]

RTD05 Avian functional morphology and the fossil record: Integrating structure and function across time

Convenors: JV Proffitt, USA; J Watanabe, Japan

[Room 11]

RTD09 Restoration of tern breeding colonies: state of the art for global conservation efforts

Convenors: Chen Shuihua, China; Daniel D. Roby, USA

Sunday 24 August

08:30

Plenary 9 [Room 1]

Vicki Friesen

Speciation in seabirds: why are there so many species....and why aren't there more?

09:30

Coffee Break

10:00

Concurrent Symposia

[Room 2]

S06 Avian reintroductions in changing environments

Convenors: Nagata Hisashi, Japan; Philip Seddon, New Zealand

10:03 **s06-1k** Philip J Seddon

Avian translocations to modified habitats: from Reintroduction to Conservation Introduction

10:30 **s06-2k** Hisashi Nagata

Avian reintroduction into socio-ecological production landscapes: lessons from case studies

10:57 **s06-3** Yasuo Ezaki, Yoshito Ohsako, Satoshi YamagishiReintroduction and ecology of the Oriental white stork *Ciconia boyciana* - Coexistence between humans and birds in Japan11:19 **s06-4** Benjamin Homberger, Michael Schaub, Susi Jenni-Eiermann, Lukas Jenni

A lesson for life: is it possible to prepare release candidates in captivity to their post-release environment? A case study in Grey Partridge

11:41 **s06-5** Anne-Christine Monnet, Yves Hingrat, Frederic Jiguet

Using Habitat Suitability Models for conservation translocations: empirical investigations within the reinforcement program of Houbara Bustard

[Room 3]

S46 Recent insights on sexual selection from avian models

Convenors: Patricia L.R. Brennan, USA; Richard O. Prum, USA

10:03 **s46-1k** Richard Owen Prum

Aesthetic evolution by mate choice: Darwin's really dangerous idea

10:30 **s46-2k** Shinichi Nakagawa, Yu-Hsun Hsu, Julia Schroeder, Terry Burke

Are female extra-pair matings sexually selected? Testing non-adaptationist hypotheses in house sparrows

10:57 **s46-3** Patricia Brennan

How does plasticity of sexually selected traits in birds influence their evolution?

11:19 **s46-4** Masayo Soma, Laszlo Zsolt Garamszegi

Evolution of courtship dance in Estrildid finches

11:41 **s46-5** Timothy H Parker

What do we really know about the role of colour signalling in a model species? Blue Tit plumage research as a case study of impediments to progress in evolutionary biology

[Room 4]

S40 Turning the tide for East Asia's migratory shorebirds

Convenors: Jutta Leyrer, Australia; Zhijun Ma, China

10:03 **s40-1k** Richard Fuller, Robert Clemens, Kiran Dhanjal-Adams, Takuya Iwamura, Bruce Kendall, Nicholas Murray, Hugh Possingham, Colin Studds, Howard Wilson

Conserving migratory shorebirds in a rapidly changing world

10:30 **s40-2k** Zhijun Ma

Migratory shorebirds in the Yellow Sea: status, threats, and conservation

- 10:57 **s40-3** Tamar Lok, Chris Hassell, Theunis Piersma
Simultaneous decreases in shorebird summer survival suggest a flyway at risk
- 11:19 **s40-4** Jonathan M.H. Green, Siriya Sripanomyom, David S Wilcove
Conserving Southeast Asian shorebirds in natural and anthropogenic habitats: an ecological and economic analysis
- 11:41 **s40-5** Spike Millington
International Cooperation in Migratory Waterbird Research and Conservation in the East-Asian Australasian Flyway

[Room 5]

S35 Lifelong individual development as an important component of life history

Convenors: Peter H. Becker, Germany; Hugh Drummond, Mexico

- 10:03 **s35-1k** Sandra Bouwhuis, Oscar Vedder, Peter H. Becker
Causes and consequences of ontogenetic change in birds
- 10:30 **s35-2k** Hugh M Drummond, Sergio A Ancona
Adaptive responses over the lifetime to ecological and social adversity in infancy
- 10:57 **s35-3** David W. Winkler, Amos Belmaker, Ryan Shipley, Kelly Hallinger, Aaron Bhole, Teresa Pegan, Katherine Lauck, Sophia Orzechowski, Hyun Seok Yoon
Differences in the rate of improvement in reproductive performance of long-lived and shorter-lived Tree Swallows in New York, USA
- 11:19 **s35-4** Joanna Olga Sudyka
How does reproductive effort influence telomere length in the Blue Tit?
- 11:41 **s35-5** Maria M Benito, Jacob Gonzalez-Solis, Peter H Becker
Within-individual approach to sex ratio variation in breeding Common Terns: does experience matter?

[Room 6]

S37 Genomes and the evolution of modern birds

Convenors: Jon Fjeldså, Denmark; Erich Jarvis, USA

- 10:03 **s37-1k** Erich Jarvis
Generating a bird genome resource: insights in the avian Tree Of Life, complex traits, and genome evolution.
- 10:30 **s37-2k** Scott V. Edwards, Alison Cloutier, Craig B. Lowe, Allan J. Baker, Julia A. Clarke, David Haussler
Conserved non-exonic elements: a new class of marker in avian phylogenomics
- 10:57 **s37-3** Alexander Suh
Retroposon insertions are genome-wide witnesses of incomplete lineage sorting during the radiation of Neoaves
- 11:19 **s37-4** Sonia Carolina Frankl-Vilches, Heiner Kuhl, Martin Werber, Meng-Ching Ko, Antje Bakker, Bernd Timmermann, Manfred Gahr
Regulatory mechanisms of the singing-related genome of songbirds
- 11:41 **s37-5** David William Burt
Avian Genomics: Current Status and Future Opportunities

[Room 7]

S13 Avian dispersal: Implications for speciation, community build-up and migration

Convenors: Knud A. Jønsson, UK; Anders P. Tøttrup, Denmark

- 10:03 **s13-1k** Ran Nathan
A movement ecology approach for studying avian dispersal processes and patterns and their evolutionary and biogeographical consequences
- 10:30 **s13-2k** Kasper Thorup
Individual responses of trans-equatorial migrants to seasonal variation in regional resources across continents
- 10:57 **s13-3** Debra L Saunders, Robert Heinsohn, Ross Cunningham, Jeffrey Wood
Dynamic migration, drought and drones

- 11:19 **s13-4** Flavio Monti, Jean-Marie Dominici, David Gremillet, Claudine Montgelard, Veronique Arnal, Andrea Sforzi, Leonida Fusani, Rafel Triay, Olivier Duriez
Combining GPS tracking with genotyping techniques to study connectivity of Mediterranean Osprey populations.
- 11:41 **s13-5** Juan Carlos Garcia-R, Gillian C. Gibb, Steve A. Trewick
Comparative evolution of the rails (Aves: Rallidae) in Australasia: phylogeography analysis of supertramp species

[Room 8]

S24 Fire regimes and bird population responses

Convenors: Richard Loyn, Australia; Lluís Brotons, Spain

- 10:03 **s24-1k** Richard Henry Loyn, Edward G. McNabb, Josephine MacHunter
Effects of fire regimes on bird populations in foothill forests of the Great Dividing Range in eastern Victoria, Australia.
- 10:30 **s24-2k** Lluís Brotons, Sergi Herrando
Fire and Mediterranean bird communities: the complex role of global change in novel forest systems.
- 10:57 **s24-3** Emma Elizabeth Burgess, Martine Maron, Murray Haseler
Pyrodiversity begets biodiversity: the influence of mosaic burning on bird assemblages across multiple spatial scales
- 11:19 **s24-4** John W. Fitzpatrick, Reed Bowman
Wildfire, stable unpredictability, and the evolution of cooperative-breeding in the Florida Scrub-Jay
- 11:41 **s24-5** Wieland Heim
How does fire affect bird migration?

13:30

Plenary 10[Room 1]

H. P. Possingham

Conservation and monitoring of birds: a decision science approach

14:30

Coffee Break

15:00

Concurrent Symposia

[Room 2]

S41 Persistent organic pollutants - lasting problems and new aspects in migratory birds

Convenors: Maris Strazds, Latvia; Anders Bignert, Sweden

- 15:03 **s41-1k** Maris Strazds
The Black Stork—a New “Kid on the (Contamination) Stage”—New and/or Previously Unnoticed Aspects of DDE Impact
- 15:27 **s41-2k** Anders Bignert, Bjorn Helander
Monitoring of contaminants and their effects in the Common Guillemot
- 15:57 **s41-3** Miguel A Mora, Bryce Durgin, Edward Jones
Fifty years after Silent spring: temporal and latitudinal trends of DDE in North American birds over the last three decades
- 16:19 **s41-4** J. D. Ibáñez-Álamo, L. Arco, O. Chastel, M. Soler
Blackbird (*Turdus merula*) nestlings treated with corticosterone or testosterone fail to respond to the risk of nest predation
- 16:41 **s41-5** Jan-Dieter Ludwigs, Michael Riffel
Focal bird species in neotropical soybean and rice fields for pesticide registration purposes

[Room 3]**S44 New finds and old bones - integrative palaeornithology for the 21st century**

Convenors: Gerald Mayr, Germany; Xu Xing, China

- 15:03 **s44-1k** Zhonghe Zhou, Jingmai Kathleen O'Connor
Early evolution of birds: perspectives from new fossil discoveries in China
- 15:27 **s44-2k** Gerald Mayr
Fossils, molecular calibrations, and the divergence of crown group birds
- 15:57 **s44-3** Vanesa DePietri
Mid-Cenozoic avifaunas and their bearing on the evolution of extant lineages: an example from the Miocene of Europe
- 16:19 **s44-4** Tatsuro Ando, Robert Ewan Fordyce
Demise of the giants: the role of the biological drivers for the flightless, wing-propelled divers
- 16:41 **s44-5** Zhiheng Li, Zhonghe Zhou, Julia A. Clarke
Fossil evidence for the evolution of the avian hyo-lingual feeding

[Room 4]**S08 Why Birds Matter: Birds' Ecological Functions, Ecosystem Services, and Value to Society**

Convenors: Daniel G. Wenny, USA; Kayoko O. Kameda, Japan

- 15:03 **s08-1k** Daniel G. Wenny, C J Whelan, C H Sekercioglu
An overview of ecosystem services provided by birds
- 15:27 **s08-2k** Kayoko O Kameda, Motoko S Fujita
Nutrient dynamics and nutrient cycling by birds: Implications from an East Asian perspective
- 15:57 **s08-3** Erik Kleyheeg, Merel B. Soons
The role of dabbling ducks in the dispersal of plant seeds
- 16:19 **s08-4** Chan Ryul Park, Jiwon Kim
Estimation of pest control by Great Tits with application of a nest finder system at artificial nestboxes in Hongneung Experimental Forest, Korea
- 16:41 **s08-5** Kentaro Kazama, Hirotsu Murano, Yasuaki Niizuma, Chitoshi Mizota
Input of ornithogenic nitrogen into paddy fields near a breeding colony of the great cormorants, and its contributions for rice crops

[Room 5]**S36 Colour polymorphisms**

Convenors: Alexandre Roulin, Switzerland; Andy T.D. Bennett, Australia

- 15:03 **s36-1k** Alexandre Roulin
The adaptive value of melanin-based color morphs: a role for the melanocortin system.
- 15:27 **s36-2k** Andy T.D. Bennett, Raoul F.H. Ribot, Justin Eastwood, Leo Joseph, Katherine L. Buchanan, Ken Walder, Mathew L. Berg
Redneck wonderland: maintenance of plumage colour diversity in a parrot species complex
- 15:57 **s36-3** Paivi Maria Sirkia, Peter Adamik, Alexandr Artemyev, Eugen Belskii, Christiaan Both, Stanislav Bures, Malcolm Burger, Andrey Bushuev, Jukka Forsman, Vladimir Grinkov, Dieter Hoffmann
Amount of variation in multiple colouration traits within populations on a large spatial scale in the Pied Flycatcher (*Ficedula hypoleuca*)
- 16:19 **s36-4** Nayden Chakarov, Martina Boerner, Oliver Kruger
Causes and consequences of plumage polymorphism in the Common Buzzard *Buteo buteo*
- 16:41 **s36-5** Arjun Amar, Gareth Tate, Ann Koeslag
The Niche Expansion Hypothesis: a novel hypothesis to explain the maintenance of polymorphism for species with bi-parental care.

[Room 6]**S03 Light in the darkness: how does artificial night lighting influence bird behaviour and ecology?**

Convenors: Bart Kempnaers, Germany; Caren Cooper, USA

- 15:03 **s03-1k** Kamiel Spoelstra, Maaïke de Jong, Roy van Grunsven, Elmar Veenendaal, Frank Berendse, Marcel Visser
Lighting up the forest - what is the impact of artificial light on breeding birds?

- 15:27 **s03-2k** Davide M Dominoni, Jesko Partecke, Barbara Helm
The effects of light pollution on daily and seasonal rhythms of songbirds: a mechanistic perspective
- 15:57 **s03-3** Victoria I Bywater, Raoul Ribot, Bill Buttemer, Andy T.D. Bennett
Waterfowl utilize different habitat at night: implications for conservation.
- 16:19 **s03-4** Arnaud Viriato DaSilva, Jelmer Samplonius, Emmi Schlicht, Bart Kempenaers
Effects of artificial night lighting on the timing of dawn and dusk singing in common songbirds
- 16:41 **s03-5** Lotte Schlicht, Mihai Valcu, Peter Loes, Alexander Girg, Bart Kempenaers
Effect of artificial lighting of roosting female Blue Tits on their breeding behavior

[Room 7]

S09 Vocal communication and vocal control in sub-oscine and oscine passerines

Convenors: Dinesh Bhatt, India; Maria Luisa da Silva, Brazil

- 15:03 **s09-1k** Manfred Gahr, Muriele Lobato, Silene da Lima, Albertine Leitao, Maria Luisa da Silva
Vocal control regions of sub-oscine passerines
- 15:27 **s09-2k** Maria Luisa Silva
Vocal communication in two sub-oscine species from Amazonia, Brazil
- 15:57 **s09-3** Pietro Bruno D'Amelio, Lisa Trost, Mauricio Nicolas Adreani, Andries ter Maat
Pattern and neural control of unlearned vocalizations in the Zebra Finch *Taeniopygia guttata*.
- 16:19 **s09-4** Alexander N.G. Kirschel, Zachary T. Harlow, Martin L. Cody, Luke L. Powell,
Edgar E. Vallejo, Charles E. Taylor
Integrating song and radio telemetry tracking with playback experiments, to infer intra- and inter-sexual relationships in a Neotropical terrestrial insectivore, *Formicarius moniliger*.
- 16:41 **s09-5** Irina Michailovna Marova, Irina Michailovna Malykh, Aleksandra Leonidovna Ivlieva,
Daria Aleksandrovna Shipilina, Vladimir Viktorovich Ivanitskii
Individual, population, and geographical variation in advertising song of some passerine bird species

Poster Sessions

Poster Session 1 (Tuesday 19, 15:00–16:30)

[Poster 2]

SA01 Behavior & behavioral ecology

p01-001

Tuomo Jaakkonen, Sami M Kivela,
Christoph M Meier, Jukka T Forsman
The use and relative importance of intra- and interspecific social information in a guild of cavity-nesting birds

p01-002

Vladimir Grigor'evich Grinkov, Andreas Bauer,
Helmut Sternberg, Michael Wink
Genetic background of social interactions in a Siberian population of Pied Flycatcher

p01-003

Dries Van De Loock, Liesbeth De Neve, Luc Lens
Cooperative breeding as an adaptive response to habitat fragmentation?

p01-004

Ken Motomura, Eisi Tokida
Characteristic factors of loose colonies of common kestrels (*Falco tinnunculus*) in Japan

p01-005

Masayoshi Kamioki, Noritomo Kawaji, Keisuke Ueda
Is the Asian Stubtail a cooperative breeder?

p01-006

Dinesh Bhatt, Navjeevan Dadwal,
Vinaya Kumar Sethi, Amit Kumar
Correlations among territorial management, nesting cycle, territorial conflicts, territory size and reproductive success of a tropical bird, the Pied Bush Chat (*Saxicola caprata*)

p01-007

Shota Nakahama, Yuji Sawara
First formation of colonies of the Great Crested Grebe in Japan

p01-008

Carmen Zuniga Vazques, Laura Scott Morales,
Eduardo Estrada Castillon, Mauricio Cotera Correa
Spatio-temporal evaluation of *Spizella wortheni* territories in the Mexican Plateau.

p01-009

Diego Javier Valdez, Marilina Vera Cortez,
Natalia Soledad Della Costa, Alvina Leche,
Cristian Hansen, Joaquin Luis Navarro,
Monica Beatriz Martella
Seasonal changes in plasma levels of sex hormones in a promiscuous bird: the greater rhea (*Rhea americana*)

p01-010

Julia Poznyakova, Pavel Kvartalnov,
Maryana Belokon, Alexander Grabovskiy,
Veronika Samotskaya, Abdulnazar Abdulnazarov
Extra-pair copulations in two species of reed warblers: Blyth's reed warbler (*Acrocephalus dumetorum*) and the large-billed reed warbler (*A. orinus*)

p01-011

Yu-Hsun Hsu, Julia Schroeder, Terry Burke,
Shinichi Nakagawa
Extra-pair males are similar with social males in House Sparrows (*Passer domesticus*), but just older

p01-012

Manabu Abe
Why do extra-pair copulations occur in the Northern Goshawk, *Accipiter gentilis*?

p01-013

Kohei Takeda, Hisashi Ohtsuki, Mariko Hasegawa,
Nobuyuki Kutsukake
Behavioral analysis of dance in the red-crowned crane: a test of the pair bond hypothesis

p01-014

Viktoria Nikitichna Moskalenko,
Maryana Mihaylovna Belokon,
Yuri Sergeevich Belokon,
Maria Jiakovlevna Goretskaia
Extra-pair young in nests of the Wood Warbler (*Phylloscopus sibilatrix*) in the Middle Russia

p01-015

Hsin-Yi Hung, Shou-Hsien Li
The red beak is a condition-dependent indicator in the Himalayan Black Bulbul (*Hypsipetes leucocephalus nigerrimus*)

p01-016

Masaru Hasegawa, Emi Arai, Mamoru Watanabe,
Masahiko Nakamura
Female mate preference for multiple male
ornaments and territory quality in Barn Swallows

p01-017

Ayumi Sugawara, Aya Asai, Akiko Matsuda,
Wataru Kitamura, Noriyuki Yamaguchi,
Hiroyoshi Higuchi
Extra-pair mating in the Barn Swallow in East
Asia

p01-018

Hyun-Young Nam, Chang-Yong Choi,
Young-Soo Kwon
Repeated recaptures and body mass changes in
Japanese White-eyes: Reinforcement against or
desensitization of risk perception?

p01-019

Hung Chang Chen, Yuan Hsun Sun
Does the concealing posture in Collared Scops Owl
(*Otus lettia*) have a masquerading function?

p01-020

Hee-Jin Noh, Jin-Won Lee, Jeong-Chil Yoo
Exploring morphological characteristics of two
Cuculus species with different patterns of host use

p01-021

Vinaya Kumar Sethi, Dinesh Chandra Bhatt,
Amit Kumar
Effects of brood parasitism by the Asian Koel
(*Eudymayms scolopacea*) on the breeding success
of the House Crow (*Corvus splendens*)

p01-022

Nozomu J Sato, Yuji Okahisa, Masayoshi Kamioki,
Toru Nakahara, Keita D Tanaka, Jorn Theuerkauf,
Keisuke Ueda
Evolution of bronze-cuckoo nestling ejection in
Gerygone hosts: driven by the egg dilution effect?

p01-023

Tomasz Wesolowski, Marta Maziarz
Does darkness limit cavity use by cavity nesting
birds?

p01-024

Sayaka Horie, Masaoki Takagi
Male Daito white-eyes improve nest positioning
skills by learning the threat of two nest predators

p01-026

Ke Yang, Wen-Hong Deng
Breeding ecology of the yellow-bellied tit in China

p01-027

Lei Lv, Zheng Wang Zhang, Jian Qiang Li,
Jia Gui Zhu, Bo Xi
Why the parents of Hair-crested Drongo dismantle
their nest after the young fledged: a test of the
“nest competition hypothesis”

p01-028

Toshimitsu Nuka, Misuzu Kawakubo, Yuri Gemma,
Hiromi Kobori, Wataru Kitamura
Egg cooling behaviour of the Little Tern

p01-029

Svetlana Gogoleva, Igor Palko
Breeding biology and life history traits of three
pitta species in southern Vietnam

p01-030

Alejandro Serrano, Medardo Cruz-Lopez,
Clemens Kuepper
Determinants of reproductive success in a
polyandrous population of the Snowy Plover
(*Charadrius nivosus*): life history, behaviour and
morphology

p01-031

Takashi Kondo, Haruna Hayase, Naoki Hijii
Effects of small patches of broadleaf trees on the
breeding ecology of Varied Tits in a Japanese
cedar plantation

p01-032

Haruna Hayase, Takashi Kondo, Naoki Hijii
Patterns of parental food allocation to nestlings of
Great Tits and Varied Tits

p01-033

Kazuhiro Eguchi, Yoko Katsuno
Bower orientation in the Great Bowerbirds

p01-034

Taichi Tanaka, Yoshiyuki Ogasawara, Yuji Sawara,
Nobuyuki Azuma
Effects of parental age on reproductive behavior of
the Black-crowned Night Heron (*Nycticorax
nycticorax*)

p01-035

Naoya Komatsu, Hiromi Kobori, Wataru Kitamura
Changes in the phenology of Barn swallow viewed
from multiple time scales

p01-036

I.K. Kwon, M.S. Jeong, J.Y. Lee, J.C. Yoo, K.S. Lee
Differences in nest attendance pattern due to
distances to feeding sites in Black-faced Spoonbills
Platalea minor

p01-037

Abigail J Darrah, Charles van Riper III
Breeding ecology and the use of nesting platforms
of the Cordilleran Flycatcher (*Empidonax*
occidentalis) in SW Colorado

p01-038

Maria Angela Echeverry-Galvis, Michaela Hau
Trade-offs along the life cycle of a tropical
mountain bird

p01-039

Jae Woong Hwang, Ki Baek Nam, Jeong Chil Yoo
Incubation routine, egg temperature and sex role
of Streaked Shearwaters *Calonectris leucomelas* at
Sasudo Island, South Korea

p01-040

Sayaka Hashima, Takahiro Kato, Keisuke Ueda
Breeding ecology of the Eurasian Wryneck at
Ogata village, Akita, Japan

p01-041

Lars B Hillstrom
Hatching asynchrony in the Pied Flycatcher,
Ficedula hypoleuca: an experimental test of the
brood reduction hypothesis

p01-042

Amar Singh, Vinaya Kumar Sethi, Dinesh Bhatt
Nesting success of Oriental Magpie Robins
(*Copsychus saularis*) in natural tree cavities and
artificial nest boxes

p01-043

Takahiro Kato, Shin Matsui, Satoe Kasahara,
Sayaka Hashima, Osamu Mikami, Keisuke Ueda
Breeding density decreases hatching success and
unhatched eggs are male-biased in Eurasian Tree
Sparrows

p01-044

Toru Nakahara, Kazuhiro Eguchi
Nest site selection of the exotic Eurasian Magpie
(*Pica pica*) colonizing the city of Tomakomai, south-
western Hokkaido, Japan

p01-045

Alexandru Nicolae Stermin, Liviu Razvan Pripon,
Alin David, Angela Schmitz Ornes
Temperature variation in Water Rail and Little
Crake nests

p01-046

Myun sik Kim, Jinwon Lee, Jung chil Yoo
Does threat to the nest affect parental provisioning
behavior in a small passerine bird?

p01-047

Kanomi Shiina
Nest usurpation by Russet Sparrows *Passer*
rutilans

p01-048

Masato Yazawa, Kenichi Tokita, Mai Onoue,
Noriyuki Fujita, Masaaki Gokan,
Hirokazu Takahashi, Yoshinori Maejima,
Atsuki Azuma, Norihisa Segawa, Hiroyoshi Higuchi
Introduction of GPS-TX, a powerful enabler of real
time observation - Utilizing the real time telemetry
system GPS-TX 1

p01-049

Mai Onoue, Noriyuki Fujita, Atsuki Azuma,
Norihisa Segawa, Masato Yazawa, Masaaki Gokan,
Yoshinori Maejima, Kenichi Tokita,
Hirokazu Takahashi, Hiroyoshi Higuchi
The real time monitoring of jungle crows
—Utilizing the real time telemetry system GPS-
TX 3—

p01-050

Kenichi Tokita, Mai Onoue, Noriyuki Fujita,
Masato Yazawa, Masaaki Gokan,
Hirokazu Takahashi, Yoshinori Maejima,
Atsuki Azuma, Norihisa Segawa, Hiroyoshi Higuchi
An experiment with pigeons and crows using GPS-
TX—Utilizing the real time telemetry system GPS-
TX 2—

p01-051

Noriyuki Fujita, Mai Onoue, Toshihiro Hattori,
Atsuki Azuma, Norihisa Segawa, Masato Yazawa,
Masaaki Gokan, Yoshinori Maejima, Kenichi Tokita,
Hirokazu Takahashi, Hiroyoshi Higuchi
Habitat use of a Jungle Crow—Utilizing the real
time telemetry system GPS-TX 4—

p01-052

David Pelletier, Magella Guillemette,
Maude Valois Berube, Noemie Martin Chouinard,
Salome Bonnefoi, Richard Phillips
Why do seabirds migrate away from their
breeding area?

p01-053

Yuji Okahisa, Gen Morimoto, Kentaro Takagi,
Keisuke Ueda
The different arrival strategy of matured and
immature Narcissus Flycatcher *Ficedula*
narcissina

p01-054

Masahiko Sakanashi, Satomi Sakaguchi,
Hiroyoshi Higuchi
A behavioural study on the wild Copper Pheasant,
with particular reference to tameness towards
people

p01-055

Nobuhiko Sato, Dale Manjiro Kikuchi, Taiki Adachi,
Yutaka Watanuki, Motohiro Ito, Akinori Takahashi
Fine-scale diving strategies of Rhinoceros auklets
feeding on Japanese anchovy

p01-056

A. Kölzsch, H. Kruckenberg, M. Wikelski
How young geese learn their way during
migration

p01-057

Guo-Jing Weng, Shu-Yi Yang
The olfactory potential of the Oriental Honey
Buzzard in foraging

p01-058

Motohiro Ito, Megumi Shikata, Kazuhiro Hirata,
Yuya Suzuki, Yutaka Watanuki
Individual variation and the ecological
consequence of intra-specific kleptoparasitism in
Rhinoceros Auklets

p01-059

Nasa Sakura, Wataru Kitamura,
Noriyuki Yamaguchi, Go Fujita, Kazuhiro Katoh,
Hiroyoshi Higuchi
Mechanism of the allocation of food in the Barn
Swallow

p01-060

Alain Jacot, Nicolas Guillod, Sophie Ryser,
Raphael Arlettaz
Landscape of prey in a Hoopoe population: sex-
specific consequences of spatial variation of mole
cricket availability on reproductive success

p01-061

Ralf Ditttrich, Benedikt Giessing, Francesca Sotti,
Steve Norman
Dynamics in spatial use of orchards by small
passerines during the breeding season, case
studies in UK and Spain.

p01-062

Ayako Ishii, Kazuhiro Eguchi
Feeding position is not fixed in the Varied Tit -
comparison with the Japanese Tit

p01-063

Seung-Hye Choi, Hyung-Kyu Nam, Jeong-Chil Yoo
Foraging strategies of coexisting shorebirds at rice
fields of Central Western Korea during migration

p01-064

Taishi Yamada, Noboru Takahashi,
Shouta Hamasaki, Yuta Fujiwara, Nao Adachi,
Miwa Honda, Kaori Kitada, Masahiko Sakanashi,
Hiroyoshi Higuchi
Current state of bait-fishing by Green-backed
Herons in Kumamoto, Japan

p01-065

Josh Hall, John F Cavitt
Incubation constancy of American Avocets
(*Recurvirostra americana*) nesting in an extreme
environment

p01-066

Norimasa Sugita, Toshitaka N Suzuki
The validity of mobbing call playbacks as a method
to estimate abundance of forest birds

p01-067

Dongyu Hu, Shidi Wang, Kunikazu Momose
Wintering ecology of the Red-crowned Crane (*Grus*
japonensis) in eastern Hokkaido, Japan

[Poster 3]**SA03 Community & landscape ecology****p03-001**

Imad Cherkaoui, Rguibi Idrissi Hamid,
Vincent Devictor
Influence of distance between patches and
landscape-level factors on bird communities in a
fragmented Mediterranean forest of Morocco

p03-002

Svein Dale, Melissah Rowe, Jan Terje Lifjeld
What makes an urban bird? Bird species in the city
are not big-brained but simply more common in
the surroundings

p03-003

Josie A. Galbraith, Jacqueline R. Beggs,
Darryl N. Jones, Margaret C. Stanley
Changes to local bird communities as a result of
supplementary feeding

p03-004

Chiaki Yoshii, Yuichi Yamaura, Masashi Soga,
Masato Shibuya, Futoshi Nakamura
Bird responses to plantation intensity indicate
comparable benefits of land sparing and sharing

p03-006

Min Zhang, Yongmi Hong, Fasheng Zou,
Qiang Zhang, Kuai-tat Cheong, Kun-fong Leong
Landscape factors influencing ardeid species
richness, abundance and distribution in Macao

p03-007

Maria Alice S. Alves, Luciana Barcante, Livia Dias
Altitudinal variation in the richness and capture
rate of birds in the Atlantic Forest, Rio de Janeiro,
Brazil

p03-008

Luis Carrasco, Yukihiko Toquenaga
Using Inexpensive satellite images and long-term
census data to evaluate the evolution of habitat
selection

p03-010

Alexander Royan, David M Hannah,
S James Reynolds, David G Noble, Jonathan P Sadler
Avian community responses to hydrological
disturbance: climate change implications

p03-011

Chun-I Chang, Chie-Jen Ko, Pei-Fen Lee
Factors responsible for population decreases in
native species- a case of *Acridotheres cristatellus*
in Taiwan

p03-012

Yusuke Ueno, Naoyuki Sone, Masao Kurihara
Urban ecology in the Tokyo metropolitan area:
spatiotemporal change of avian diversity during
four decades

p03-013

Sung-Jin Park, Se-Young Park, Jin-Yong Kim,
Min-Su Jeong, Hwa-Yeon Kang, Si-Won Yang,
Jun-Soo Kim, Ji-Hwa Jung, Jong-U Kim,
Chang-Deuk Park, Woo-Shin Lee
Area dependent relative breeding densities in two
competing species: Varied Tit *Parus varius* and
Great Tit *P. major* in Korea

p03-014

Kyungmin Lee, Dowon Lee, Wanmo Kang,
Chan Ryul Park
Effects of urban green patch characteristics and
landscape structure on *Dendrocopos major* and
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Anna Klenova, Alexander Shienok
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