

## Detailed Program (DRAFT OF AUGUST 2)

### Sunday 22 August

**19:00 Opening & Reception**

### Monday 23 August

**08:30 Room 1**

**Plenary 1:** Luis Chiappe / The early evolution of birds: Recent discoveries and ongoing arguments

**09:30 Break**

**10:00 Concurrent Symposia**

**Room 1**

**S40** Energy metabolism in migrants: Metabolic adaptations and hormonal regulation

Convenors: Susanne Jenni-Eiermann, Switzerland; Christopher G. Guglielmo, Canada

**10:00** Introduction

**10:04** Susanne Jenni-Eiermann / Role of the glucocorticoid hormone corticosterone during migratory flight and fuelling

**10:28** Christopher Guglielmo / Fuel metabolism during endurance flight in birds and bats

**10:52** Franz Bairlein, G. Stanclova, A. Scope, I. Schwendenwein, J. Fritz, J. Dittami / In-flight physiology and energy expenditure of northern bald ibises (*Geronticus eremita*) during human-led migration

**11:16** John Dittami, F. Bairlein, G. Stanclova, A. Scope, J. Fritz, E. Möstl / Patterns of adrenal activity in migrating northern bald ibises (*Geronticus eremita*) during human-led migration

**11:40** Charles Bishop / Using measurements of heart rate to interpret the energetics of birds during flight

**12:04** Conclusion

**Room 2**

**S11** Reintroduction and the restoration of avian populations

Convenors: Christine Steiner São Bernardo, Brazil; Philip Seddon, New Zealand

**10:00** Introduction

**10:04** Christine Steiner São Bernardo / Reintroduction as a conservation tool for threatened Galliformes: the red-billed curassow *Crax blumenbachii* case study from Rio de Janeiro state, Brazil

**10:28** Philip Seddon / Strategic directions in reintroduction biology: The challenge of setting restoration goals

**10:52** Matthew Johnson, J. Grantham, J.R. Walters / Conservation of the California condor: Are self-sustaining populations possible?

**11:16** Ian Jamieson / Reduced founder size and carrying capacity lead to loss of genetic diversity and inbreeding in island reintroductions: Insights from four avian reintroduction programs in New Zealand

**11:40** Hingrat Yves, R. Alexandre, L. Frédéric / Importance of long term population monitoring in the evaluation of houbara bustard reinforcement program

**12:04** Conclusion

**Room 3**

**S18** Avian diseases: emerging infectious diseases in wild birds

Convenors: Convenors: Fumin Lei, China; Alexander Shestopalov, Russia

**10:00** Introduction

**10:04** Fumin Lei, P. Cui, T.X. Li, J.R. Zhang, Z.H. Yin, H. X. He, H.F. Zhao, D. L. Zhao / On protection of wild birds and their wetland environments under the current pandemic HPAI H5N1 viruses

**10:28** Aleksander Shestopalov, Shestopalova E.M., Drozdov I.G. / Role of wild birds in long-distance migrations of viruses

**10:52** Dewi Malia Prawiradilaga, M. Irham, T. Haryoko, D. Astuti, S. Wijamukti / Surveillance of avian influenza (AI) viruses in Indonesian birds

**11:16** Janske van de Crommenacker, K. Hutchings, A.M. Koltz, J. Komdeur, D.S. Richardson / Malaria, oxidative stress and immunocompetence in the tropical Seychelles warbler (*Acrocephalus sechellensis*)

**11:40** Andre Dhondt, D. M. Hawley, J. DeCoste, D. Morin, W. M. Hochachka, K. Dhondt, S. States, I. J. Lovette, D. Ley / Dynamics of mycoplasmal conjunctivitis in house finches

**12:04** Conclusion

#### **Room 4**

**S1** Avian social complexity

Convenors: Thomas Bugnyar, Austria; Isabella B. R. Scheiber, Austria; Kees van Oers, The Netherlands

**10:00** Introduction

**10:04** Isabella B. R. Scheiber, A. Hohnstein, S. Kehmeier, K. Kotschal, B. M. Weiß / Two experimental tests of social cognition in a precocial bird, the greylag goose (*Anser anser*)

**10:28** T. Bugnyar, Anna Braun / Raven machiavellian intelligence

**10:52** András Liker, V. Bokony / Larger groups are more successful in innovative problem solving in house sparrows

**11:16** Michelle A. Rensel, S.J. Schoech, E.S. Bridge / Insights into cooperative breeding from studies of Florida scrub-jays

**11:40** Kees van Oers, E. Fucikova, P. de Goede, P. J. Drent / The influence of personality as a part of the social environment

**12:04** Conclusion

#### **Room 5**

**S25** Paleontology: fossil evidence for the early evolution of extant birds

Convenors: Gerald Mayr, Germany; Julia Clarke, USA

**10:00** Introduction

**10:04** Gerald Mayr / Fossils and the historical biogeography of birds

**10:28** Julia Clarke / The Mesozoic record of ornithurine birds and the early evolution of crown clade Aves

**10:52** Herculano Marcos Ferraz de Alvarenga / *Diogenornis fragilis* Alvarenga, 1985, restudied: a South American ratite closely related to Casuariidae

**11:16** Richard Paul Scofield, J. Clarke / New insight into the origin and affinities of penguins (Aves: Sphenisciformes) from the Palaeocene of New Zealand

**11:40**

**12:04** Conclusion

#### **Room 6**

**S45** New views on the production and behavioural action of steroids in the avian brain

Convenors: Jacques Balthazart, Belgium; Gregory F. Ball, USA

**10:00** Introduction

**10:04** Kiran Soma / Local steroid synthesis in the avian brain: Rapid regulation by social cues

**10:28** Charlotte Cornil / Rapid changes in brain estrogen production acutely modulate male sexual behavior

**10:52** Colin Saldanha / Buttons and glue: Constitutive and inducible estrogen provision in the passerine brain

**11:16** Jacques Balthazart, T. D. Charlier, G. F. Ball / Cellular mechanisms mediating rapid changes in brain aromatase activity

**11:40** Rafael Pinaud / Brain-generated estrogen regulates the auditory coding of songs

**12:04** Conclusion

#### **Room 7**

**S31** Complex functional-morphological adaptations of birds to flight

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

**10:00** Introduction

**10:04** Andrei V. Zinoviev / Adaptive co-evolution of the hind limbs and flight in birds

**10:28** Dominique G. Homberger / The multiple functions of the avian plumage

**10:52** John Maina / The unique design of the bird lung and its contribution to flight

**11:16** Roswitha Wiltschko / The avian navigational system

**11:40** Valery M. Gavrilov, M. V. Kalyakin / Flight adaptations for mastering forest habitats by passerine birds

**12:04 Conclusion**

### **Room 8**

**S4 Sexual behaviour of tropical birds**

Convenors: Leonida Fusani, Italy; Barney Schlinger, USA

**10:00 Introduction**

**10:04** Leonida Fusani / The proximate and ultimate causes of courtship behavior in golden-collared manakins

**10:28** Sharon Gill / Behavioral and hormonal perspectives on continuous partnerships and territoriality in male and female buff-breasted wrens

**10:52** Thomas B. Ryder, P. G. Parker, J. G. Blake, B. A. Loiselle / It takes two to tango: Reproductive skew and social correlates of male mating success in a lek breeding bird

**11:16** Sonia Kleindorfer / Doomed mate choice in Darwin's finches

**11:40** R. Nandini, L. Siefferman / Size and color dimorphism in hummingbirds

**12:04 Conclusion**

### **12:08 Lunch**

### **13:30 Room 1**

**Plenary 2:** Hiroyoshi Higuchi / Bird migration and the conservation of the global environment

### **14:30 Poster Session 1 (& Coffee Break)**

Subject areas:

SA01 Behaviour and behavioural ecology

SA03 Evolutionary biology

SA04 Macroecology

SA05 Migration and orientation

SA06 Morphology, ecomorphology, evo-devo and development

SA07 Nutrition, energetics and foraging

SA11 Species and population conservation

### **16:30 Concurrent Oral Sessions**

#### **Room 1**

#### **SA01 Behaviour and behavioural ecology - Session I**

**16:30** Loïc Hardouin / Natal dispersal in the North African houbara bustards: the role of parent's quality and environment

**16:48** Patrick M. Kramer, S.A. Tarof, B.J.M Stutchbury, J. Tautin / Benefits of purple martin (*Progne subis*) extra-pair mate choice: are extra-pair young more fit than within-pair young?

**17:06** Sarah Kiefer, C. Scharff, H. Hultsch, S. Kipper / Differences in repertoire composition in common nightingales *Luscinia megarhynchos* between first year and older birds – findings from field and laboratory

**17:24** Umesh Srinivasan, M. Thattai, S. Quader / Modelling mixed-species bird flocks: the importance of seasonality and prey abundance

**17:42** Lilian T. Manica, R. H. Macedo, J. Podos / Leap displays of the blue-black grassquit: visual and vocal tradeoffs

#### **Room 2**

#### **SA02 Community and landscape ecology and conservation - Session I**

**16:30** Philip C Stouffer, R. O. Bierregaard / Dynamic understory bird communities in Amazonian rainforest fragments: A 25 year record shows repeated extinctions and colonizations

**16:48** Mayumi Knight, R. H. Loyn, A. Hamilton / Bird communities and biodiversity conservation in complex landscapes of farmland, tree plantations and embedded remnant forest

**17:06** Herman van Oosten / Why Northern wheatears (*Oenanthe oenanthe*) do not return after restoration of coastal dune grasslands in the Netherlands

**17:24** Maria de Lourdes Gonzalez-Azuaje / Program for monitoring macaws, parrots, parakeets and parrotlets (Psittacidae) in Caracas, Venezuela: A cooperative study using the Internet

17:42 P. Li, Ping Ding, J. Jiang, B. Li / The effects of urbanization on the species and functional diversity of breeding bird community in Hangzhou, China

### Room 3

#### SA10 Population genetics and phylogeography – Session I

16:30 Yang Liu, I. Keller, G. Heckel / Genetic population structure of two migratory avian influenza viruses – tufted duck and common pochard

16:48 Clemens Küpper, A. Kosztolányi, T. Burke, T. Székely / Phylogeography of a small cosmopolitan shorebird: the *Charadrius alexandrinus* superspecies complex

17:06 Fabio S. Raposo do Amaral, S. V. Edwards, C. Y. Miyaki / Species limits and phylogeography of two species of Atlantic forest endemic antbirds

17:24 Fredrick Keith Barker, J. MacLennan Musser, R. O. Prum / Impact of social mating systems on patterns of autosomal and sex-linked variation in blackbirds (Icteridae)

17:42 Alfredo Oliver Barrera Guzmán, A. G. Navarro Sigüenza / Patterns of geographic variation of the genus *Ergaticus* (Aves: Parulidae)

### Room 4

#### SA03 Evolutionary biology – Session I

16:30 David Costantini, P. Monaghan, N. Metcalfe/ Hormesis, oxidative stress and life-history evolution

16:48 Anders Brodin / Moving hybrid zones and introgression

17:06 Jenny Carlson, J.E Martínez-Gómez, C. Loiseau, A. Cornel, R. Sehgal / Evolutionary relationships of blood parasites in the avifauna of Socorro Island, Mexico

17:24 Jon Fjeldså, M. Irestedt, J. Ohlson / Diversification of the South American avifauna in time and space.

17:42 Mathew Berg, R. F. H. Ribot, K. Buchanan, L. Joseph / When parrots reveal their true colours: population divergence in the circular overlapping crimson rosella?

### Room 5

#### SA04 Macroecology – Session I

16:30 Ruud P.B. Foppen, C.M. van Turnhout, R.G. Gregory, A. van Strien, V. Devictor / Climate change impact studies on bird populations benefit from combining results of citizen science and autoecological studies

16:48 Ksenia Vsevolodovna Avilova / The richness of urban waterfowl species in Europe with addition of the original data

17:06 Gerard Malan / Can habitat and energy gradients explain bird species richness in the arid shrublands of the Little Karoo landscape, South Africa?

17:24 Dieter Thomas Tietze, T. D. Price / Gradient in avian species richness in the Himalayas

17:42

### Room 6

#### SA07 Nutrition, energetics and foraging – Session I

16:30 Andrey V. Bushuev, V. G. Grinkov / Heritability of basal metabolic rate in free-living pied flycatchers (*Ficedula hypoleuca*)

16:48 L. Jordaan, Colleen T. Downs / The potential role of various southern African frugivores as dispersers of alien invasive fruit and their effect on germination rates

17:06 Andrew G. Gosler, C. Rigby / Where do common swifts *Apus apus* find the calcium for eggshell production?

17:24 Marta Gluchowska, S. Kwasniewski, D. Jakubas, K. Wojczulanis-Jakubas, W. Walkusz, N. Karnovsky, R. Boehnke, K. Blachowiak-Samolyk, M. Cisek, L. Stempniewicz / The impact of divergent hydrographic conditions along the West coast of Spitsbergen (European Arctic) on zooplankton communities and chick provisioning by planktivorous little auk (*Alle alle*)

17:42 Jan-Ake Nilsson, A. Nord / The regulation of body temperature during winter nights

### Room 7

#### SA06 Morphology, ecomorphology, evo-devo and development – Session I

16:30 Carlos Barros de Araújo, L. O. M. Machado / On *Alpiopsitta xanthops* plumage variation

**16:48** Alyssa Bell, L. M. Chiappe / Identifying trends in avian ecomorphology with applications to Mesozoic birds

**17:06** Luc Lens / Does selection history affect stress sensitivity of bilateral trait development in Afrotropical cloud forest species?

**17:24** Ana Galvão Cesar Correia de Araujo, L. P. Gonzaga / Comparative osteology and syringeal morphology of antpittas (Grallariidae) and antthrushes (Formicariidae)

**17:42** Richard O. Prum / Self-assembly of spongy color producing feather nanostructures by phase separation

### Room 8

#### SA08 Physiology, and cell and molecular biology – Session I

**16:30** Kathryn Renee Napier, C. Purchase, T. McWhorter, S. Nicolson, P. Fleming / Keeping it simple: Paracellular absorption of glucose in birds.

**16:48** Ben Smit, A. McKechnie / Avian seasonal metabolic variation in a subtropical desert: Basal metabolic rates are lower in winter than in summer

**17:06** Lynn B. Martin, A. Liebl, G. Sorci, L M. Romero, G Sorci, I.R.K. Stewart, D. Westneat / Global variation in house sparrow immune functions

**17:24** Pierre Deviche, B. Silverin, B. Silverin, L. Hurley, B. Fokidis, B. Lerbour / Stress-induced reproductive inhibition: Sites and mechanisms of action for acute stress on the hypothalamo-pituitary-gonadal axis

**17:42** Justin G. Boyles, B. Smit, A. McKechnie / Heterothermy is related to the lunar cycle in a nocturnal insectivorous bird

**18:00 Dinner**

### 20:00 Room 1

**Brazilian Evening:** Marcos A. Raposo / A brief history of Brazilian Ornithology: early days to the 20th century

## Tuesday 24 August

### 08:30 Room 1

**Plenary 3:** Regina H. Macedo / Fine feathers do not make a fine bird. Or do they? - Implications for sexual selection in Neotropical birds

**09:30 Break**

### 10:00 Concurrent Symposia

#### Room 1

**S3** Avian vocal learning and development

Convenors: Gisela Kaplan, Australia; Isabelle George, France

**10:00** Introduction

**10:04** Ofer Tchernichovski / Evolution of song culture: How social interactions shape song development

**10:28** Isabelle George, H. Cousillas, L. Henry, J-P. Richard, M. Hausberger / What female starlings can tell us about song learning and perception

**10:52** Jacques Marie Edme Vielliard / What ontogeny for complex songs? Examples from Brazilian birds

**11:16** Gisela Kaplan/ Ontogeny and function of birdsong in high/low latitudes

**11:40** Andrea Carolina Baquero, M. P. de Melo, C. Doutrelant, D. Cadena / Divergence of mate recognition systems and adaptive phenotypic traits in response to recent anthropogenic habitat changes in an oceanic island (São Tomé) endemic passerine (*Speirops lugubris*)

**12:04** Conclusion

#### Room 2

**S5** Recent advances in the breeding biology of Psittaciformes

Convenors: Juan F. Masello, Germany; Robert Heinsohn, Australia

**10:00** Introduction

**10:04** Juan F. Masello, P. Quillfeldt / Comparative breeding biology of Psittaciformes in the Neotropics

**10:28** Robert Heinsohn / Breeding biology and mating systems of Psittaciformes of the Old World

**10:52** Neiva Maria Robaldo Guedes, M. C. B. de Toledo, R. Donatelli / Breeding success of hyacinth macaws *Anodorhynchus hyacinthinus* (Aves, Psittacidae), Pantanal of Miranda, Mato Grosso do Sul, Brazil

**11:16** M. C. Morera, V. Berovides, Eduardo Inigo Elias / Ecology and management of the Cuban parakeet (*Aratinga euops*)

**11:40** Erica Cristina Pacífico de Assis, L. F. Silveira / Neonatal development and survival of hatchlings of the indigo macaw *Anodorhynchus leari* in the Canudos Biological Station, semi-arid of Bahia, Brazil

**12:04** Conclusion

### Room 3

**S38** Climate change and long-distance migrant landbirds

Convenors: Robert Robinson, UK; Charles M. Francis, Canada

**10:00** Introduction

**10:04** Robert Robinson / Climate change and migrant landbirds: an Afro-Palaearctic perspective

**10:28** Nicholas L. Rodenhouse, T. S. Sillett / A comparison of climate change effects on migratory passerines in the Nearctic vs. Palearctic

**10:52** Chris van Turnhout, A. van Strien, R. Foppen, C. Both / How do long-term changes in arrival of long-distance migrants relate to population trends?

**11:16** Leslie Gordon Underhill, R. Altwegg, K. Broms / Shifts in the timing of migration of barn swallows (*Hirundo rustica*) in South Africa revealed by two bird atlas projects: earlier departure and later arrival

**11:40** Kalle Rainio, J. Terhivuo, E. Lehikoinen / Similar arrival time responses of migrants to climate changes during warming and cooling periods

**12:04** Conclusion

### Room 4

**S24** Avian brood parasites and their hosts

Convenors: Fugo Takasu, Japan; Wei Liang, China

**10:00** Introduction

**10:04** Wei Liang, C. Yang, Y. Cai, B. Stokke, S. Shi / Cuckoos and their hosts in a multi-cuckoo species system in China

**10:28** Bard G. Stokke, A. Antonov, F. Fossøy, A. Moksnes, A. P. Møller, E. Røskaft, J. Shykoff, M. Soler, F. Takasu / Spatial variation in host selection among common cuckoos (*Cuculus canorus*) in Europe

**10:52** M. E Hauber, P. Samas, L. Turoková, P. Cassey, Tomas Grim / High consistency of egg rejection responses in a brood parasite host

**11:16** Keisuke Ueda, O. K. Mikami, N. J. Sato / Why does the host eject cuckoo nestlings instead of the eggs?

**11:40** Diane Colombelli-Negrel, J. Robertson, S. Kleindorfer / Mother to eggs communication

**12:04** Conclusion

### Room 5

**S14** Ornithology, conservation action and policy: bridging the gaps

Convenors: Jaqueline Goerck, Brazil; Stuart Butchart, UK

**10:00** Introduction

**10:04** Jaqueline Goerck / Evidence-based bird conservation: Brazil as a case study

**10:28** Stuart Butchart / Bird indicators influencing policy: a global perspective

**10:52** Ariane Dias Alvarez, P. F. Devey / Conserving the red-billed curassow: an integrated approach

**11:16** Ricardo Faustino de Lima, J.P. Bird, J. Barlow / Research effort allocation and conservation of restricted-range island birds

**11:40** Zhijun Ma, B. Li, W. Li, N. Han, J. Chen, A. R. Watkinson / Conflicts between biodiversity conservation and development: a case study in Yancheng Biosphere Reserve, China

**12:04** Conclusion

### Room 6

**S35** The magnetic compass: calibration and sensory mechanisms in migratory birds

Convenors: Rachel Muheim, Sweden; Henrik Mouritsen, Germany

**10:00** Introduction

**10:04** Rachel Muheim / The magnetic compass and its interactions with celestial cues

**10:28** Henrik Mouritsen / The mechanisms underlying the two magnetic senses in birds: from behaviour to molecules and cognition

**10:52** Christine Niessner, R. Wiltschko / Localization of cryptochrome 1 in the retina of birds

**11:16** Richard Holland / Do magnetic pulses affect the orientation of migrating birds?

**11:40** Dominik Heyers, M. Zapka, M. Hoffmeister, J. M. Wild, H. Mouritsen / Magnetic field changes activate the trigeminal brainstem complex in a migratory bird

**12:04** Conclusion

### Room 7

**S43** Molt and the ecophysiology of the post-breeding period

Convenors: Steven Portugal, UK; Alastair Dawson, UK

**10:00** Introduction

**10:04** Sievert Rohwer / Molt and avian life histories

**10:28** Anthony Fox, J. Kahlert / Phenotypic plasticity amongst moulting Anatidae

**10:52** Alastair Dawson, I. Newton, P. Rothery, J.A. Clark / How does the timing and duration of molt vary with latitude?

**11:16** Götz Eichhorn, Y. Handrich, G. Le Glaunec, A. Pierre, C. Parisel, P. Medina, R. Groscolas / Heat stress in the cold? Energetics and thermoregulation in moulting king penguin (*Aptenodytes patagonicus*) chicks

**11:40** Natalia P. Iovchenko / Food specialization and moult adaptations in annual cycles in Cardueline finches (Fringillidae, Carduelinae)

**12:04** Conclusion

### Room 8

**S41** Inferring global change impacts on avian diversity with GIS and remote sensing

Convenors: Susan Cameron, USA; Paul F. Donald, UK

**10:00** Introduction

**10:04** Arthur Angelo Bispo de Oliveira, W. A. Pedro / Composition of the fragmented landscape and the responses of functional groups of birds to the consequences of forest fragmentation in the inland Brazilian Atlantic Forests

**10:28** Wesley Hochachka, D. Fink, W.M. Hochachka, S. Kelling / Using observations of birds to investigate distributions in dynamic systems

**10:52** Jeffrey James Thompson, J. Bernardos, M. J. Conroy, N. Calamari, A. Goijman, S. Canavelli, G. Gavier, M. El. Zaccagnini / A hierarchical, multi-season occupancy model for estimating avian species richness in relation to land use in the pampas of east-central Argentina

**11:16** Susan E. Cameron, G. M. Spellman, S. V. Edwards / Integrating current distribution, physiology and paleoenvironment to uncover patterns of Pleistocene bird diversity

**11:40** Paul F. Donald, G.M. Buchanan, G. Eshiamwata / Land cover changes in Important Bird Areas in Africa assessed by remote sensing

**12:04** Conclusion

### 12:08 Lunch

**12:15 – 13:15 Room 1 Talk** Martin Riesing / Digiscoping in Field Research (Swarovski Optik)

### 13:30 Room 1

**Plenary 4:** Graham R Martin / Through birds' eyes

### 14:30 Poster Session 1 (& Coffee Break)

Subject areas:

SA01 Behaviour and behavioural ecology

SA03 Evolutionary biology

SA04 Macroecology

SA05 Migration and orientation

SA06 Morphology, ecomorphology, evo-devo and development

SA07 Nutrition, energetics and foraging  
SA11 Species and population conservation

### 16:30 Concurrent Oral Sessions

#### Room 1

##### SA01 Behaviour and behavioural ecology – Session II

16:30 Martin U. Grüebler, B. Naef-Daenzer / Determinants and consequences of brood overlap in the double-brooded barn swallow

16:48 Jennifer Alison Smith, T. Burke, S. J. Reynolds / The effects of food availability on extra-pair paternity and brood sex ratio of a small passerine

17:06 Valeria Beatrice Zanollo, S. Kleindorfer, J. Robertson / Unsuspected sexual dimorphism in the diamond firetail: a case of quality females and choosy males?

17:24 Chiara Morosinotto, R. L. Thomson, E. Korpimäki / Do top predators protect passerines in boreal forests?

17:42 Marcelo Awade, C. E. Candia-Gallardo, C. Cornelius, J. P. Metzger / Effects of sex-biased emigration and mortality risk on dispersal success of an endemic forest bird: Implications for fragmented landscapes management

#### Room 2

##### SA02 Community and landscape ecology and conservation – Session II

16:30 Petras Kurlavicius / Effects of habitat parameters on species and the occurrence of breeding birds in the woodlots of agricultural landscape, Lithuania

16:48 Eduardo Roberto Alexandrino, D. T. A. da Luz, K. M. P. M. B. Ferraz, H. T. Z. Couto / How suitable is a highly fragmented landscape for forest bird species?

17:06 Marconi Campos Cerqueira, M. Cohn-Haft, G. Ferraz / Quantifying rarity in Amazonian birds

17:24 André Desrochers / Spatially-extensive and reliable data for avian nesting success in boreal forests: can we have our cake and eat it too?

17:42 Ileyne T. Lopes, M. A. P. Ferreira / Bird community in the understory of native forests and old *Eucalyptus* plantations

#### Room 3

##### SA09 Population and individual ecology – Session I

16:30 Vanessa Brooke Harriman, R. G. Clark, R. Dawson / Seasonal variation in survival of nestling tree swallows (*Tachycineta bicolor*): Tests of alternate hypotheses

16:48 Michael A. Patten, J. F. Kelly / Habitat selection and the perceptual trap

17:06 Arie J. van Noordwijk / Observed selection against inbreeding in island populations of blue tits (*Cyanistes caeruleus*) and great tits (*Parus major*)

17:24 Marcos R. Lima, L. Simpson, A. Fecchio, C. Kyaw / Can the escape from pathogens be responsible for the expansion of the house sparrow (*Passer domesticus*) in Brazil?

17:42 Arne Hegemann, I. Tieleman / Carry-over effects of an experimentally decreased body condition on the immune system, survival and reproductive success in skylarks (*Alauda arvensis*)

#### Room 4

##### SA11 Species and population conservation – Session I

16:30 Espen Lie Dahl, T. Nygård, B. G. Stokke, E. Røskoft / Reproductive success in white-tailed eagle (*Haliaeetus albicilla*) at an on-shore wind farm in Norway

16:48 Wolf A. Teunissen, P. Goedhart, H. Schekkerman / Farmland birds, predation and observer effects in The Netherlands

17:06 Hendrik Sierdsema, L. Brotons, F. Jiguet, S. Newson / Designating priority areas for farmland bird conservation from spatially incomplete survey data

17:24 Carlos Eduardo Alencar Carvalho, G. Zorzin, E.P.M. Carvalho Filho, M. Canuto, C. E. R. T. Benfica / Crowned-eagle (*Harpyhaliaetus coronatus*) conservation in Southeastern and Central Brazil

17:42 Olivier Duriez, F. Sarrazin / Assessment of long term reintroduction success: Regulation of restored populations of vultures in France

#### Room 5

##### SA05 Migration and orientation – Session I



**16:30** Mihaela Nikolova Ilieva, S. Åkesson / Displacement orientation experiments with two subspecies of willow warbler (*Phylloscopus trochilus trochilus* and *P. t. acredula*) in SW and SE Sweden

**16:48** Kasper Thorup, T. E. Ortvad, R. A. Holland, J. Rabøl, M. Wikelski / Orientation of migrant birds on the Faroe Islands

**17:06** Alison Cameron, T. Alerstam, D. Barber, M. Bechard, K. Bildstein, D. Douglas, M. Ferrer, M. Fuller, M. Gschweng, R. Kays, R. Klaassen, M. Kochert, M. Martell, C.L. McIntyre, M.J. McGrady, B-U. Meyburg, R. Nathan, P. Nye, B.J. Koks, K. Safi, W.S. Seegar, J. Smith, J.Z. Shamoun-Baranes, K. Steenhof, K. Thorup, C. Trierweiler, R. Weinzierl, M. Wikelski / Movebank: mapping and analysing global raptor migrations

**17:24** Gilles Gauthier, J.F. Therrien, J. Bêty, F. Doyle, D. Reid / Surprising migratory movements and site fidelity unraveled by satellite-tracking of snowy owls

**17:42** C. John Ralph, J. K. Szabo, L. Salas / Regional breeding and migration strategies based on intensive volunteer census and demographic monitoring

## Room 6

### SA12 Systematics, biogeography and paleontology – Session II

**16:30** Marina Ancaes, M. H. Fernandes, A. T. Peterson / Distribution and diversity of Neotropical manakins under paleoclimates predicted by ecological niche modeling: the interplay among interglacial and glacial periods.

**16:48** Fernando Mendonça d'Horta, G. S. Cabanne, R. O. Pessoa, C. Y. Miyaki / Spatial and temporal patterns in Atlantic Forest bird evolution

**17:06** Simon Gillings / Innovative mapping of changes in bird distribution in Britain and Ireland over 40 years and four atlases

**17:24** Knud A. Jønsson, J. Fjeldså / Islands: the beginning of the colonization road for a major passerine bird radiation

**17:42** Martin Paeckert, J. Martens, Y.-H. Sun, T. Töpfer / Speciation of Sino-Himalayan passerines: Molecules, morphology and songs

## Room 7

### SA13 Other subjects – Session I

**16:30** Wolfgang Fiedler, A. Baumer, A. Nigsch / Low pathogenic avian influenza in an important Central European waterbird area: What we learn from mute swan antibody screening

**16:48** Christopher Eberly, R. A. Fischer / Conserving birds and biodiversity on U.S. military lands

**17:06** Dimas Gianuca Neto, A. T. Gianuca, C. M. Vooren / Abundance and breeding success of Ciconiiforms in a mixed heronry in a Brazilian subtropical estuary

**17:24** Beth E. Schlotfeldt, S. Donnellan, T. Bertozzi, S. Kleindorfer / Island-mainland adaptive divergence in the superb fairy-wren (*Malurus cyaneus*): environmental, morphological, and genetic variation

**17:42** Maris Strazds / A recent outbreak of DDF affects breeding success of black stork in Eastern Europe

## Room 8

### SA03 Evolutionary biology – Session II

**16:30** Niclas Backstrom, J. Lindell, E. Palkopoulou, H. Ellegren / Scanning for signs of selection and chromosomal rearrangements on the Z-chromosome in closely related European *Ficedula* flycatcher species

**16:48** Jonathan Phillip Drury / Revisiting latitudinal patterns of plumage showiness

**17:06** Hans Winkler / The comparative study of bird brains

**17:24** Tony D. Williams / Why do we know so little about mechanisms underlying avian reproduction?

**17:42** Suvi Ruuskanen, B. Doligez, N. Pitala, L. Gustafsson, T. Laaksonen / Long-term fitness consequences of yolk androgens for parent and offspring generation in a wild population of collared flycatchers (*Ficedula albicollis*)

**18:00** Dinner

**18:00-19:30** Brazilian Ornithological Society Meeting (Room 4)

**20:00** Concurrent Round Table Discussion (RTD) and Oral Sessions (OS)

**Room 1****OS - SA01 Behaviour and behavioural ecology – Session III**

**20:00** Conny Bartsch, M. Weiß, S. Kiefer, S. Kipper / Female song preferences in common nightingales (*Luscinia megarhynchos*)

**20:18** Benjamin D. Bell, M. Borowiec, J. F. Azar, A.P. Digby, M. Murphy, A. Styche / Vocal steps and clines - dialectal variation in the song repertoire of the New Zealand grey warbler (*Gerygone igata*) at three spatial scales

**20:36** Gustavo S. Betini, R. Norris / Fitness consequences of individual variation in nest defence in a passerine with biparental care

**20:54** Patricia Brennan, I. Gereg, M. Goodman, R. Prum / Social environment influences phallus size in waterfowl

**21:12** M. Perrin, Shernice Soobramoney / Niche separation of African parrots

**Room 2****OS - SA02 Community and landscape ecology and conservation – Session III**

**20:00** Salim Javed, S. Khan / Integrating technology with monitoring to identify important areas for conservation – a case study from the United Arab Emirates

**20:18** Luis Ortiz-Catedral, M. E. Hauber, D. H. Brunton / The breeding ecology of a successful island colonizer: the red-fronted parakeet (*Cyanoramphus novaezelandiae*) and conservation challenges for parrots in New Zealand

**20:36** Philip A. R. Hockey, D. Loewenthal, R. M. Wanless / Floater dynamics are key in assessing risks posed by novel sources of mortality

**20:54** Claudia Garratt, P. Grice, M. J. Whittingham / The European kestrel *Falco tinnunculus*; predator-prey dynamics in response to grassland vegetation height

**21:12** Lawrence E. Conole / Homogenisation of suburban bird assemblages: an Australian perspective

**Room 3****OS - SA12 Systematics, biogeography and paleontology – Session II**

**20:00** Leo Joseph / Multilocus comparative phylogeography of Australian birds: its future as a testing ground for phylogeography

**20:18** Cecilia Kopuchian, P. L. Tubaro, P. L. Calderón / A total evidence phylogeny of Furnariidae

**20:36** Luciano N. Naka, C. L. Bechtoldt, R. T. Brumfield / Location of contact zones and phylogeographic breaks in Amazonia: Implications for the diversification process

**20:54** Camila C. Ribas, A. L. P. Aleixo, R. T. Brumfield, J. Cracraft / Phylogeography and population history in *Rhegmatorhina* (Aves; Thamnophilidae) and implications for Amazonian historical biogeography

**21:12** Jason Weckstein, S. Patel, H. Lutz, J. Patane, J. Bates, A. Aleixo / Molecular phylogenetics and the pattern and timing of diversification of toucans (Family: Ramphastidae)

**Room 4****OS - SA09 Population and individual ecology – Session II**

**20:00** Michael D. Craig, V. L. Stokes, A. H. Grigg, G. E. StJ. Hardy, R. J. Hobbs / Patterns of avian succession in restored mine pits: how applicable are state-and-transition models derived from vegetation succession?

**20:18** Mohamed Zakaria Hussin / Resiliency of understory insectivorous birds to edge effect in a fragmented tropical rainforest

**20:36** K. A. Spencer, B. J. Heidinger, L. B. D'Alba, N. P. Evans, Pat Monaghan / Live fast, die young: fitness consequences of developmental stress

**20:54** Nicholas Theron, A. Kotze, R. Jansen, P. Grobler, A. Turner / A multi-disciplined approach to future conservation of the southern ground hornbill (*Bucorvus leadbeateri*) in Africa

**21:12** Samuel Haché, M.-A. Villard, E. Bayne / Intrinsic and extrinsic mechanisms underlying the demographic response of the ovenbird (*Seiurus aurocapilla*) to experimental selection harvesting

**Room 5****OS - SA03 Evolutionary biology – Session III**

**20:00** Mary C. Stoddard, R. O. Prum / Evolution of the avian plumage color gamut

**20:18** Bethany J. Hoyer, M. Klaassen, R. A. M. Fouchier / Do pathogens induce fitness consequences in their hosts? Separating cause, effect and mechanism

**20:36** Edivaldo H. C. de Oliveira, M. M. Tagliarini, P. O'Brien, M. Ferguson-Smith / Karyotypic evolution in Accipitridae (Aves, Falconiformes) based on chromosome painting using *Gallus gallus* whole chromosome probes

**20:54** Jennifer C. Owen, A. Nakamura, C. Coon, L. B. Martin / The effect of corticosterone on resistance to West Nile virus in an avian reservoir

**21:12**

### Room 6

**RTD 2** - Large scale avian distribution mapping: The pros and cons of exhaustive atlasing and spatial interpolation of point data

Convenors: Simon Gillings, UK; Stuart Newson

### Room 7

**RTD 1** - International priorities for research and conservation of threatened Atlantic forest birds

Convenors: Kristina Cockle, Canadá; Alberto Esquivel Mattos, Argentina

### Room 8

#### OS - SA13 Other subjects – Session II

**20:00** Vinodkumar Saranathan, R. O. Prum / Evolutionary photonics of amorphous feather barb nanostructures

**20:18** Barbara Helm / Adjusting the circannual clock: Modularity and phase-specific responses to environmental cues

**20:36** Golo Maurer, S. Portugal, P. Cassey / Spot the difference! Structural versus visual function of eggshell maculation

**20:54** Jorge Eduardo Botero, R. Espinosa, A. M. López, N. Franco, G. Lentijo / A participatory research program as a tool for bird conservation in a rural landscape

**21:12** Przemyslaw Busse / 50 years of the Operation Baltic bird migration study program

## Thursday 26 August

### 08:30 Room 1

**Plenary 5:** Kathy Martin / Avian strategies for living at high elevation: Life history variation and other factors enabling persistence

### 09:30 Break

### 10:00 Concurrent Symposia

#### Room 1

**S48** Linking individual variation, demography and population dynamics

Convenors: Steven R. Beissinger, USA; Ken Norris, UK

**10:00** Introduction

**10:04** Steven R. Beissinger / Linking social system, demography and population dynamics: Identifying causes of skewed OSRs and population feedbacks through infanticide

**10:28** Kenneth John Norris / The population dynamics of threatened species – field laboratories in environmental change

**10:52** Patricia Adair Gowaty, B. Faircloth, S. P. Hubbell / Ecological constraints predict individual variation in extra-pair offspring in socially monogamous birds and sex differences in fitness variances

**11:16** David McDonald / Social networks as a tool for demographic analyses

11:40 Will Cresswell / The starvation-predation risk trade-off as a predictor of survival and population dynamics in birds

**12:04** Conclusion

#### Room 2

**S22** Resolving the avian tree of life

Convenors: Allan J. Baker, Canada; **Error! Contact not defined.**, USA

**10:00** Introduction

**10:04** Allan J. Baker, O. Haddrath / Rapid radiations and incomplete lineage sorting tangle the branches of the Avian Tree of Life

**10:28** Per Ericson / Biogeographic patterns in “landbirds” indicate parallel ecological adaptations at several systematic levels

**10:52** Scott Edwards, F. Rheindt, J. Lee, L. Liu / Species trees: A new paradigm in avian systematics

**11:16** Alexis F. L. A. Powell, F. K. Barker, S. M. Lanyon / Phylogeny of the genera of New World blackbirds (Icteridae) endemic to South America, as inferred from whole mitochondrial genome sequences

**11:40**

**12:04** Conclusion

**Room 3**

**S47** Physiological control of phenotype: insights from the tropics and Southern Hemisphere birds  
Convenors: Katherine L. Buchanan, Australia; Michela Hau, Germany

**10:00** Introduction

**10:04** Barney Schlinger / Hormonal and non-hormonal control of a tropical phenotype: case study of a Neotropical manakin

**10:28** William A. Buttemer / Physiological bases of life history variation in birds: Lessons from Australian avifauna

**10:52** Ignacio T. Moore / The role of testosterone in an equatorial bird, the rufous-collared sparrow (*Zonotrichia capensis*)

**11:16** Jordan Karubian, W. R. Lindsay, H. Schwab, M. S. Webster / Social status shapes phenotype in a tropical passerine bird: experimental evidence and proximate mechanisms

**11:40** Michaela Hau / Evolutionary physiology of reproductive seasonality: Comparative studies in tropical birds

**12:04** Conclusion

**Room 4**

**S36** Bird migration in the Southern Hemisphere: Lessons from South America

Convenors: Kim Smith, USA; Victor Cueto, Argentina

**10:00** Introduction

**10:04** Alex Jahn / Bird migration research in South America and its potential to contribute on the world stage

**10:28** Rob Clay, A. Lesterhuis / Austral migration and its implications for bird conservation in South America

**10:52** Ana Maria Mamani, A. E. Jahn / “Aves Internacionales”: A new and ongoing initiative to study bird migration across South America

**11:16** Maria Cecilia Sagario, V. R. Cueto, J. L. de Casenave / Do Neotropical austral migrants use stopover sites “en route” to their breeding areas? Evidence from the Monte desert, Argentina

**11:40** Chandler S. Robbins, B. Dowell, A. Cerezo / Survival estimates and longevity records of resident birds and migrants in a Guatemalan rainforest - an 18 year study

**12:04** Conclusion

**Room 5**

**S15** Nesting biology of grassland birds

Convenors: Jim Herkert, USA; Miguel Ângelo Marini, Brazil

**10:00** Introduction

**10:04** Miguel Ângelo Marini / Nesting biology of Neotropical savanna (Cerrado) birds

**10:28** Carla Suertegaray Fontana, M. Repenning, C. E. Rovedder, I. Franz / Breeding biology of migratory seedeaters from grasslands of southern Brazil: Plumbeous seedeater (*Sporophila cf. plumbea*), tawny-bellied seedeater (*S. hypoxantha*) and black-bellied seedeater (*S. melanogaster*)

**10:52** Adrian Santiago Di Giacomo, A. G. Di Giacomo, J. C. Reboreda / Breeding behaviour and reproductive success of a Neotropical threatened grassland bird: The strange-tailed tyrant, *Alectrurus risora*

**11:16** James Joseph Roper, K. A. Sullivan, R. E. Ricklefs / Avoid nest predation when predation rates are low, and other lessons: Testing the tropical-temperate nest predation paradigm

**11:40**

**12:04 Conclusion**

### **Room 6**

**S20** Ecology and distribution of bamboo specialist birds

Convenors: Juan Ignacio Areta; Argentina; Kristina Cockle, Canada

**10:00** Introduction

**10:04** Juan Ignacio Areta, K. Cockle / Bamboo specialist birds of the Neotropics: Focus on the Atlantic forest, a hotspot for bamboo specialists

**10:28** Robin Restall / Estrildid finches and bamboo

**10:52** Cássius Ricardo Santana, L. dos Anjos / Occupation and occurrence patterns of birds associated with bamboo in the southern Brazilian Atlantic Forest

**11:16** Renato T. Pinheiro, T. Dornas de Oliveira, G. A. Leite, J. E. C. Figueira, D. G. Marcelino / Kaempfer woodpecker *Ceelus obrieni*, a new bamboo specialist?

**11:40** Samuel Jacob Socolar, S. Robinson, J. Terborgh / Bird communities of two bamboo die-offs in southeastern Peru

**12:04 Conclusion**

### **Room 7**

**S33** Functional morphology and terrestrial locomotion of birds

Convenors: Anick Abourachid, France; Elizabeth Höfling, Brazil

**10:00** Introduction

**10:04** Anick Abourachid, E. Höfling / The limbs: a key to bird evolutionary success

**10:28** Pauline Provini, A. Abourachid / Morphological and kinematical comparisons between the teal (*Callonetta leucophrys*) and the quail (*Coturnix japonica*)

**10:52** Astrid Solange Therese Willener, L. G. Halsey, Y. Handrich / The biomechanics and energetics of a common behaviour in poorly-adapted species: Analyses of pedestrian locomotion in penguins

**11:16** Frank G. Stiles / Ecomorphology and phylogeny of hummingbirds (Trochilidae): can the major clades be characterized morphologically and ecologically?

**11:40** Alexander Stöbel / A comparative analysis of avian bipedal locomotion

**12:04 Conclusion**

### **Room 8**

**S17** Bird conservation and free-ranging domestic cats: problems and solutions

Convenors: Nico Dauphiné, USA; Oscar Beingolea, Peru

**10:00** Introduction

**10:04** Yolanda van Heezik / Impacts of domestic cats on birds in New Zealand: an overview

**10:28** Christopher A. Lepczyk, N. Dauphiné / What's the matter, cat got your bird? Contemporary problems and management solutions to addressing free-ranging outdoor cats

**10:52** David Ringler, J. C. Russell, D. Peck, L. Faulquier, R. Fontaine, P. Pinet, V. Lecomte, Y. Dumont, M. Le Corre / Predation and long term impact of feral cats on seabirds in the tropical western Indian Ocean

**11:16** Joël Bried, O. Gimenez, R. Fontaine / Assessing the effects of introduced predators, light-induced mortality of fledglings and poaching to model the dynamics of the largest Cory's shearwater *Calonectris diomedea* population in the world.

**11:40** Nico Dauphiné, T. Will / Current research and policy needs for the conservation of bird populations threatened by domestic cat predation

**12:04 Conclusion**

### **12:08 Lunch**

**12:15-13:15 Room 1 Talk** Yossi Leshem, Imad Atrash/ Using birds as peacemakers in conflict area

### **13:30 Room 1**

**Plenary 6:** Pilai Poonswad / Basic approaches and the fate of hornbills in Thailand: a prototype for hornbill-people relationship

### **14:30 Poster Session 2 (& Coffee Break)**

## Subject areas:

SA02 Community and landscape ecology and conservation  
 SA08 Physiology, and cell and molecular biology  
 SA09 Population and individual ecology  
 SA10 Population genetics and phylogeography  
 SA12 Systematics, biogeography and paleontology  
 SA13 Other subjects

**16:30 Concurrent Oral Sessions****Room 1****SA01 Behaviour and behavioural ecology – Session IV**

**16:30** Veronika Bokony, A. Liker, A. Z. Lendvai, O. Chastel, G. Seress, A. Kulcsár, B. Kanizsai, D. Lázár, P. E. Gulyás / Behavioral and physiological coping styles in house sparrows

**16:48** Ilse Corkery, N. Nelson, B. Bell / Cohabiting: How a bird responds to a large reptilian room mate?

**17:06** Kihoko Tokue, N. Sato, M. Kamioki, R. Noske, K. Ueda / Direct cuckoo nestling ejection by hosts: Co-evolutionary arms race at nestling stage

**17:24** Alex Kacelnik, R. Gloag, J. C. Reboreda / Host eviction vs. host tolerance by avian brood parasites

**17:42** Job Aben, E. Matthysen / Quantifying landscape connectivity from movement behaviour in a fragmented cloudforest in the Taita Hills, SE Kenya

**Room 2****SA09 Population and individual ecology – Session III**

**16:30** Gilberto Pasinelli, M. Schaub, G. Häfliger, M. Frey, H. Jakober, M. Müller, W. Stauber, P. Tryjanowski, J.-L. Zollinger, L. Jenni / Density dependence and environmental factors explain population fluctuations in red-backed shrikes

**16:48** Michael Shane Pruett, R. K. Boughton, J. W. Fitzpatrick, R. Bowman / Survival from fledging to independence in the Florida scrub-jay (*Aphelocoma coerulescens*)

**17:06** Matthias Kopp, H.-U. Peter, S. Hahn / Different foraging niches in skuas of the maritime Antarctic

**17:24** Robert G. Clark, D. W. Winkler, D. Hussell, R. Dawson, D. Shutler, P. Dunn, M. Lombardo, L. Whittingham / Partitioning local and global climate effects on survival of North American tree swallows (*Tachycineta bicolor*) over the annual life cycle

**17:42** Ville Veijo Wilhelm Vasko, T. K. Laaksonen / Condition-dependent breeding dispersal of Eurasian kestrels under temporally fluctuating food abundance

**Room 3****SA11 Species and population conservation – Session II**

**16:30** Joseph M. Wunderle Jr, D. Currie, A. Powell, J. D. White, D. N. Ewert, P. P. Marra, S. Bearhop / Severity of drought effects on the nearctic/neotropical migrant Kirtland's warbler (*Dendroica kirtlandii*) wintering in the Bahamas archipelago may be age dependent

**16:48** Yerko Alfredo Vilina Leiva, H. Cofré, P. A. Séez, C. Garín, V. Sabaj / Status of conservation and breeding biology of the Peruvian tern (*Sterna lorata*) in Chile

**17:06** Stephen P. Hubbell, P. A. Gowaty / Estimating bird extinctions from species-area curves overestimates true extinction rates

**17:24** Francisco Voeroes Dénes, A. P. Giorgi, S. Seipke, L. F. Silveira / Using ecological niche modeling to predict the distribution of the white-collared kite *Leptodon forbesi* in the Atlantic Forest of northeastern Brazil

**17:42** Jenny Katherine Certuche Cubillos, D. Carantón-Ayala, C.D. Cadena, M.J. Gómez-Martínez / Distribution, ecology and phylogenetic relationships of a new species of *Grallaria* (Grallaridae) from the Cordillera Occidental of the Colombian Andes

**Room 4****SA10 Population genetics and phylogeography – Session II**

**16:30** Sergei V. Drovetski / Evolutionary consequences of population cycling: Positive selection in the common murre mitochondria

**16:48** Edward G. Brede, P. Long, P. J. Faria, M.W Bruford, T. Székely / Phylogeography and landscape genetics of the Madagascar plover (*Charadrius thoracicus*); its relationship to the conservation of endangered waterbirds within Madagascar

17:06 Jorge Pérez-Emán, J. Klicka, D. Cadena / Cryptic diversity and the geographic differentiation of *Henicorhina* woodwrens

17:24 Paola Pulido-Santacruz, M. R. Bornschein, R. B. Lopes, S. L. Bonatto / Evidence of cryptic differentiation within the eastern tapaculo *Scytalopus speluncae* complex (Aves, Rhinocryptidae).

17:42 Sachiko Moriguchi, K. Uchiyama, M. Eda, T. Amano, K. Ushiyama, G. Fujita, H. Higuchi / Genetic structure of greater white-fronted geese in wintering and stopover sites in Japan and Korea

### Room 5

#### SA05 Migration and orientation – Session II

16:30 Olga Babushkina, Y. Boyarinova / Regulation of seasonal movements in irregular partial migrants: The role of photoperiodic conditions

16:48 Marielle van Toor, J. Waldenström, W. Fiedler, A. Hedenström, R. Holland, M. Wikelski / A test on the Perdeck paradigm does not support an innate “clock and compass” in ducks

17:06 Sari Raja-aho, P. Suorsa, M. Vainio, M. Nikinmaa, E. Lehtikainen, T. Eeva / Body condition is associated with adrenocortical response in the barn swallow (*Hirundo rustica* L.) during early stages of autumn migration

17:24 Mikhail Soloviev, V. V. Golovnyuk, E. N. Rakhimberdiev, P. S. Tomkovich / Breeding phenology and numbers of waders on the Taimyr Peninsula, Siberia, in relation to varying Arctic environment.

17:42 Hans-Ulrich Peter, S. Hahn, M. Kopp, S. Lisovski, R. Phillips / Spatial and temporal distribution of south polar skuas in the wintering areas of the North Pacific and North Atlantic Ocean

### Room 6

#### SA08 Physiology, and cell and molecular biology – Session II

16:30 Tuul Sepp, L. Saks, K. Rattiste, E. Sild, P. Hõrak / Oxidative damage and protection: mechanisms in a long living bird species

16:48 Peter Laszlo Pap, C. I. Vagasi, G.-A. Cziráj, A. Titilincu, Z. Barta / Badge size and the immune function in male house sparrows during the annual cycle: Coccidians enforce the honesty of a plumage ornament

17:06 Jyoti Singh, V. Kumar / Effect of temperature on photoperiod induced daily and seasonal behaviors in migratory and non migratory passerine finches

17:24 Patricia A. Fleming, T. J. McWhorter, S. W. Nicolson / Physiological capacity to deal with varying energy requirements on a nectar diet: Immediate and longer term responses in sunbirds and honeyeaters

17:42 Alvina Leche, M. B. Martella, J. L. Navarro, J. M. Busso, R. H. Marin / Corticosterone stress response in greater rheas (*Rhea americana*) to transport and immobilization

### Room 7

#### SA07 Nutrition, energetics and foraging – Session II

16:30 Daniel Roby, R. Paredes, A. Harding, D. Irons, R. Orben, V. Byrd, H. Renner, K. Kuletz / Novel GPS tags provide new insights into foraging strategies of pelagic seabirds at three Bering Sea colonies

16:48 Hans-Günther Bauer, A. Matuszak, P. Quillfeldt / Differential use of macrophytes by waterbirds at a Central European lake

17:06 Adrian Zwolicki, K. Zmudczyńska, L. Stempniewicz, L. Iliszko, B. Wojtuń, J. Matuła / Impact of plankton- and fish-eating seabird colonies on Arctic tundra ecosystem – a comparison

17:24 Arseny Tsvey / Ecophysiology of fuelling in European robins *Erithacus rubecula* during migration

17:42 Andrew McKechnie, B. Wolf / Climate change increases the likelihood of catastrophic avian mortality events during extreme heat waves

### Room 8

#### SA04 Macroecology – Session II

16:30 Sven Trautmann, K. Böhning-Gaese, I. Laube, F. Badeck, M. Schwager / Impact of climate and land-use change on bird distributions in Germany

16:48 Richard A. Fischer, S. A. Gauthreaux, A. Farnsworth / Advances in bird monitoring on U.S. Department of Defense lands

17:06 Leonid Sokolov / Climatic influence on the abundance of long-distance migratory landbirds in Eastern Europe

**17:24** Xavier Harrison, R. Inger, S. Bearhop / Cultural inheritance as a mechanism driving site fidelity in an arctic migrant, the light-bellied Brent goose (*Branta bernicla hrota*)

**17:42** Danae K Sheehan, A. Asamoah, P. W. Atkinson, C. Hewson, G. H. Oueda, E. Owusu, P. F. Donald, J. A. Vickery / Distribution and habitat associations of Palaearctic-African migrant birds in West Africa- implications for the diagnosis of declines

### 18:00 Dinner

### 20:00 Room 1

**President's Forum:** John C. Wingfield / The International Ornithologist's Union: Opportunities for global cooperation

## Friday 27 August

### 08:30 Room 1

**Plenary 7:** Lesley J. Rogers / The two hemispheres of the avian brain: their differing roles in perceptual processing and the expression of behaviour

### 09:30 Break

### 10:00 Concurrent Symposia

#### Room 1

**S7** Studying birds in the context of the annual cycle: carry-over effects and seasonal interactions  
Convenors: Peter Marra, USA; Jennifer Gill, UK

#### 10:00 Introduction

**10:04** Peter P. Marra / Carry-over effects in migratory birds: Consequences for individual performance on breeding areas

**10:28** Jennifer Gill / Carry-over effects in migratory birds: Individual-based drivers and population-scale patterns

**10:52** Reed Bowman, R. K. Boughton, M. S. Pruett, J. W. Fitzpatrick / Seasonal interactions of weather and resources on the demography of Florida scrub-jays (*Aphelocoma coerulescens*)

**11:16** Stuart Bearhop, R. Inger, E. Rees, X. Harrison, D. Hodgson / The consequences of carry over effects in migratory wildfowl: From individuals to populations

**11:40** Marcel Klaassen, S. Bauer / Modelling bird migration in the context of the entire annual cycle

#### 12:04 Conclusion

#### Room 2

**S13** Tools for our future: landscape approaches to bird research, conservation and habitat restoration in a changing world

Convenors: Andrew Huggett, Australia; María Elena Zaccagnini, Argentina

#### 10:00 Introduction

**10:04** Marc-André Villard / Landscape ecology of forest songbirds as a guide to proactive forest management through conservation targets

**10:28** P. K. Lira, Jean Paul Metzger / Bird conservation in the Atlantic Forest: extinction debt and immigration credit in dynamic landscapes

**10:52** Cintia Cornelius / Landscape ecology and forest bird conservation: Integrating disciplines to understand key ecological processes in fragmented habitats

**11:16** Andrew Huggett / Lessons from the heartland: Restoring landscapes for threatened and declining birds in the southwest Australia world biodiversity hotspot

**11:40** Maria Elena Zaccagnini, J. J. Thompson, J. Bernardos, N. Calamari, G. Gavier-Pizarro, A. Goijman, S. Canavelli / Monitoring the impact of agriculture and climate variability on birds of the Argentine pampas: A long-term, large-scale approach

#### 12:04 Conclusion

#### Room 3

**S9** Physiology and ecology of seasonality: are physiological measurements valid proxies for timing of life-history events?

Convenors: Tony D. Williams, Canada; Marcel E. Visser, The Netherlands



**10:00** Introduction**10:04** Samuel P. Caro / Linking measures of pre-breeding sexual recrudescence to egg laying dates**10:28** Gregory F. Ball / Gonadal and hormonal measures of breeding state: What they do and do not tell us about the regulation of reproduction**10:52** Nicole Perfito, S. Jeong, R. Calisi, G. Bentley, B. Silverin, M. Hau / First –day release and Dio2: a test of latitudinal variation in photoperiodic control of reproduction in great tits (*Parus major*)**11:16** Sonja Verena Schaper, A. Dawson, P. Sharp, M. E. Visser / Temperature as a predictive cue in timing of reproduction**11:40** Vinod Kumar / Ecology of adaptive strategies that help reduce the physiology conflicts in avian migrants**12:04** Conclusion**Room 4****S23** Wild journeys: status and prospects of tracking individual, long-distance migrants

Convenor: Kasper Thorup, Denmark

**10:00** Introduction**10:04** Elena Arriero, M. Wikelski / Health status and global tracking of migrant lesser black-backed gulls *Larus fuscus***10:28** Jill L. Deppe, M. P. Ward, R. H. Diehl, J. A. Smolinsky, E. H. Paxton, A. Celis-Murillo, D. A. Enstrom, T. A. Beveroth, A. Raim, F. R. Moore, D. K. Delaney, W. W. Cochran / Tracking migratory songbirds across the Gulf of Mexico via automated radio-telemetry systems: behavioral strategies for crossing large geographic barriers**10:52** John Tautin, B. Stutchbury, S. Tarof, T. Done, E. Gow, P. Kramer, C. Stanley, B. Cousins / Tracking purple martin (*Progne subis*) and wood thrush (*Hylocichla mustelina*) migration using geolocators**11:16** Judy Shamoun-Baranes, W. Bouten, J. van Diermen, W. van Manen / Honey buzzard (*Pernis apivorus*) migratory flight characteristics revealed with high resolution GPS tracking**11:40** Christiane Trierweiler, R.H. Drent, K.-M. Exo, J. Komdeur, F. Bairlein, B. J. Koks / Individual and population specific migration routes and migratory connectivity of European Montagu's harrier (*Circus pygargus*) populations – results from satellite tracking**12:04** Conclusion**Room 5****S27** Phenotypic changes in islands birds

Convenor: Sonya Clegg, Australia

**10:00** Introduction**10:04** Toby Heath Galligan, S. Kleindorfer / Song divergence among contiguous populations of Darwin's small ground finch, *Geospiza fuliginosa***10:28** Timothy Coppack, T. Sacher, F. Bairlein / Sedentariness in an island population of common blackbirds (*Turdus merula*): A result of phenotypic plasticity, genetic drift or adaptation?**10:52** Nathaniel T. Wheelwright, E. Postma, L. Keller / Family resemblance in an island bird population: Inheritance of morphology, behavior and life history**11:16** Sonya Clegg / Natural selection in island birds: the recurring pressures of insular life**11:40** Jody OConnor, S. Kleindorfer, J. Robertson / Invasive bloodsucking fly larvae threaten Darwin's finches in the Galápagos Islands**12:04** Conclusion**Room 6****S28** Harnessing the power of research networks to reveal and contrast avian life cycle patterns and life history evolution

Convenors: Robert G. Clark, Canada; Viviana Massoni, Argentina

**10:00** Introduction**10:04** David Ward Winkler / Using research networks to evaluate hypotheses in evolutionary ecology: a perspective from the Western Hemisphere**10:28** Christiaan Both / Integrating Palearctic research to link large-scale movements and demography of migratory birds in changing environments

**10:52** Toni Kristian Laaksonen, P. M. Sirkkiä, P. K. Lehtonen, C. R. Primmer / The power of research networks in studying geographic variation in plumage coloration

**11:16** Martín Aníbal Quiroga, F. Bulit, V. Massoni, D. R. Ardia, C. B. Cooper, M. E. Barrionuevo, R. G. Clark, M. Liljestrom, E. R. B. Eldermire, D. W. Winkler, M. Stager, A. Karl, M. Walters, M.

Liljestrom, M. Shulman, N. Hamm, M. Fast, E. Eldermire / Variation in relative egg and yolk size in *Tachycineta* swallows: insights from a network spanning the Western Hemisphere

**11:40** Valentina Ferretti, V. Massoni, Fl. Bulit, M. Liljestrom, D. Ward Winkler / Variation in extra-pair paternity in *Tachycineta* swallows: evolutionary history and current ecology

**12:04** Conclusion

### Room 7

**S39** Why do males arrive before females in spring? Proximate and ultimate causes of protandry, and its response to current environmental change

Convenors: Francisco Pulido Delgado, Spain; Timothy Coppack, Switzerland

**10:00** Introduction

**10:04** Francisco Pulido Delgado, T. Coppack / The mechanisms underlying protandrous migration in birds

**10:28** Yolanda Morbey / Adaptive explanations for protandry in birds: Bridging the gap between theory and data

**10:52** Steffen Hahn, F. Liechti, E. Baechler, M. Schaub / Large individual variation in migration pattern in a population of European hoopoes migrating to sub-Saharan Africa

**11:16** Nathan Cooper, M.T. Murphy, L.J. Redmond / Does the mate opportunity hypothesis explain protandry in the eastern kingbird?

**11:40** Jose Augusto Belchior Alves, T. G. Gunnarsson, D. Hayhow, P. M. Potts, W. J. Sutherland, J. A. Gill / Overtaking on migration: does longer distance migration always incur a penalty?

**12:04** Conclusion

### Room 8

**S2** Developmental stress and birdsong: current evidence and future directions

Convenors: Scott A. MacDougall-Shackleton, Canada; Karen A. Spencer, UK

**10:00** Introduction

**10:04** Scott A. MacDougall-Shackleton, K. Spencer / The developmental stress hypothesis: Evolution and mechanisms

**10:28** Katherine Buchanan, J. Woodgate, S. Leitner, A. T. D. Bennett, C. Catchpole / Does developmental stress affect female mate choice preferences?

**10:52** Amy Newman, K. K. Soma / Corticosterone and dehydroepiandrosterone have opposing effects in adult HVC

**11:16** Alejandro Ríos-Chelén, C. Salaberria, I. Barbosa, C. Macías Garcia, D. Gil / Dealing with urban noise: a comparison between oscine and sub-oscine species

**11:40** Tara Marie Farrell, K. Weaver, Y. Seok An, S. A. MacDougall-Shackleton / The effects of developmental stress on cognition and song-system functioning in European starlings (*Sturnus vulgaris*)

**12:04** Conclusion

### 12:08 Lunch

### 13:30 Room 1

**Plenary 8:** Marcel E. Visser / Seasonal timing in a warming world

### 14:30 Poster Session 2 (& Coffee Break)

Subject areas:

SA02 Community and landscape ecology and conservation

SA08 Physiology, and cell and molecular biology

SA09 Population and individual ecology

SA10 Population genetics and phylogeography

SA12 Systematics, biogeography and paleontology

SA13 Other subjects

## 16:30 Concurrent Oral Sessions

### Room 1

#### SA01 Behaviour and behavioural ecology – Session V

16:30 Daniel R. Ardia, A. A. Ellertson / The relationship between egg size, yolk size, and egg temperature in tree swallows, *Tachycineta bicolor*

16:48 Alan Henry Krakauer, M. Tyrrell, K. Lehmann, N. Losin, F. Goller, G. L. Patricelli / Vocal and anatomical evidence for two-voiced sound production in the greater sage-grouse

17:06 Tuomo Jaakkonen, J. Forsman / Conspecific copying in the nest site selection of the collared flycatcher (*Ficedula albicollis*)

17:24 Philipp Sprau, M. Naguib / Conditional strategies in communication networks: Stranger effects on neighbor interactions

17:42 Rodrigo A. Vasquez Salfate, W. F. D. van Dongen, K. Maldonado, P. Sabat / Geographic variation in the repeatability of a personality trait in *Zonotrichia capensis*

### Room 2

#### SA01 Behaviour and behavioural ecology – Session VI

16:30 Claudia Wascher, K. Kotschal / Post conflict heart rate and behaviour in greylag geese (*Anser anser*)

16:48 Karen Wiebe / Enhancing nestling detectability in dark cavity nests: A supplemental function of egg teeth in birds

17:06 Patrick Pinet, H. Weimerskirch, S. Jaquemet, M. Le Corre / Using geolocation to understand habitat selection and foraging behavior of an endangered tropical seabird: The Barau's petrel (*Pterodroma barau*, Indian Ocean)

17:24 Gail Lisa Patricelli, A. H. Krakauer / Tactical allocation of effort among multiple signals in sage-grouse: an experiment with a robotic female

17:42 Andres Gabriel Palmerio, V. Massoni / Saffron finch females lay bigger eggs when mated with yellow, mature plumaged males

### Room 3

#### SA02 Community and landscape ecology and conservation – Session IV

16:30 Ana Paula Giorgi, T. Fuller, T. Gillespie, L. F. Silveira, P. Develey, S. Saatchi / Are existent protected areas effective for bird conservation? An analytical framework for assessing connectivity and restoration priorities in the Atlantic Forest of Brazil

16:48 Martine Maron, M. Bowen, J. Kath, A. L. Howes, C. A. McAlpine / Bird community disarray in eastern Australia: the relative roles of landscape properties and interspecific competition

17:06 Loreta Rosselli / Environmental factors associated with the presence and abundance of selected bird species in the Bogota wetlands, Colombia

17:24 Kimberly Lynn Maute, S. M. Legge, L. Astheimer, W. A. Buttemer / Can physiological measures provide clues to the cause of declining tropical finch populations?

17:42 Amanda D. Rodewald / Understanding demographic and behavioral mechanisms that drive avian responses to urbanization

### Room 4

#### SA09 Population and individual ecology – Session IV

16:30 Sayaka Mori / Breeding population dynamics of the great-spotted woodpecker (*Dendrocopos major*) influenced by seed crops of an introduced pine and winter severity

16:48 Juhani Karvonen, M. Orell, S. Rytönen / Survival of boreal and temperate forest Parids in changing climate conditions

17:06 Adams A. Chaskda, P. A. R. Hockey, P. Lloyd / Signals in the breast band of the bar-throated apalis (*Apalis thoracica*)

17:24 Markus P. Ahola, T. K. Laaksonen, T. Eeva, E. Lehikoinen / Patterns of reproductive traits and natural selection in two hole-breeding passerines

17:42 Erik Matthysen / Multiple changes in breeding phenology of great and blue tits in relation to climate change

### Room 5

#### SA10 Population genetics and phylogeography – Session III

**16:30** Claire Salisbury, J. Tobias, N. Seddon / Testing the riverine barrier hypothesis at local and regional scales in Amazonia

**16:48** Frank Erwin Rheindt, S. V. Edwards / Genetic introgression in two Neotropical Elaenia flycatchers

**17:06** Samuel Riou, O. Combreau, J. Judas, M. Lawrence / Multi-locus analysis of genetic differentiation among migrant and resident populations of the Asian houbara bustard throughout the Middle-East and Central Asia

**17:24** Angela Maria Oliveira Ribeiro, P. Lloyd, R. C. K. Bowie / Divergence in the southern African arid-zone: genetic and morphological variation in the Karoo scrub-robin

**17:42**

## Room 6

### SA12 Systematics, biogeography and paleontology – Session III

**16:30** Gala Cortes Ramirez / Biogeographic history of the family Cotingidae

**16:48** Neil Adam Smith / A combined phylogenetic analysis of extinct and extant Alcidae (Aves, Charadriiformes): the contribution of fossils to the resolution of avian systematic relationships

**17:06** Alicia Toon, J. M. Hughes, L. Joseph / New tools and new molecules lead to a comprehensive reconstruction of recent evolutionary events: Lessons from *Melithreptus* and *Entomyzon*

**17:24** T. Mandiwana-Neudan, B. Arendse, C. Dranzoa, E. Sande, Timothy Michael Crowe / Phylogenetics and biogeography of North and South American New World quails (Odontophoridae)

**17:42** Jan I. Ohlson, P. G. P. Ericson, J. Fjeldså / Phylogeny and biogeography of fluvicoline tyrant flycatchers

## Room 7

### SA06 Morphology, ecomorphology, evo-devo and development – Session II

**16:30** Rafael Maia Villar de Queiroz, R. H. F. Macedo, M. Shawkey / Developing dichromatism: the ontogeny of iridescent and non-iridescent feathers in blue-black grassquits (*Volatinia jacarina*)

**16:48** Alejandro Rico-Guevara, M. Rubega / Convergent and alternative solutions to nectarivory: Morphological traits and feeding apparatus functioning in nectarivorous birds

**17:06** Talitha da Cunha Pires, E. Höfling / A phylogenetic hypothesis for representatives of the Ramphastidae (Aves: Piciformes), based on morphological syringeal characters

**17:24** Vincent Julien Lecomte, O. Chastel, H. Weimerskirch, G. Sorci / Links between stress sensitivity and ageing patterns in an extremely very long-lived bird, the wandering albatross

**17:42** Kimberly Bostwick / Feathers are pre-adapted for sound production

## Room 8

### SA13 Other subjects – Session III

**16:30** Judit K. Szabo, P. W. J. Baxter, P. A. Vesk, H. P. Possingham / From bird watchers' notebooks to Bayesian models: Using historic data to detect bird species declines

**16:48** Steven J. Portugal, G. Maurer, P. Cassey / The eggshells view of avian life history: How shell permeability and characteristics fit species breeding biology

**17:06** Erwin Nemeth, W. Goymann, B. Kempnaers, G. Matessi, H. Brumm / Mechanisms and functions of song (amplitude) variation: Bioacoustics, testosterone, and reproductive success in rock sparrows (*Petronia petronia*)

**17:24** Maggie Patricia MacPherson, B. J. Stutchbury / Spring migration in wood thrush (*Hylocichla mustelina*): carry-over effects into the breeding season

**17:42** Robin V. Vijayan, M. Katti, U. Ramakrishnan, A. Sinha / Singing from the skies: Bird song structure and individual variation on genetically different "sky-islands" of southern India

**18:00** Dinner

**20:00** Concurrent Round Table Discussion (RTD) and Special Interest Group Meetings (SIGM)

## Room 1

**RTD 3** - Beyond the Parrot Action Plan: Challenges and priorities for the research and conservation of Psittaciformes

Convenors: Juan F. Masello, Germany; Timothy F. Wright, USA

**Room 2**

**RTD 4** - Is a forest road a barrier for the Vulnerable Cabot's tragopan *Tragopan caboti* in Wuyishan, Jiangxi, China? How about in future?

Convenor: Yanyun Zhang, China

**Room 3**

**RTD 5** - Geographic variation in avian life-histories: conceptual and technical advances, challenges and solutions

Convenors: David Ward Winkler, USA; Viviana Massoni, Argentina

**Room 4**

**RTD 6** - Frontiers in urban ecology: moving from pattern to process

Convenors: Amanda D. Rodewald, USA; Peter P. Marra, USA

**Room 5**

**RTD 7** - Use of Mackinnon lists to sample birds in tropical habitats: do we already have a standardized protocol?

Convenors: Rômulo Ribon, Brazil; Jon Fjeldså, Denmark; S. K. Herzog, Bolivia; F. Woog, Germany; S. C. Renner, USA; R. MacLeod, UK

**Room 6**

**RTD 8** - Bad practice in field biology

Convenor: Tomasz Wesowski, Poland

**Room 7**

**SIGM 1** - IOC Research Coordination Committee on Bird Marking

Convenors: Charles M. Francis, Canada; Fernando Spina, Italy

**Saturday 28 August**
**08:30 Room 1**

**Plenary 9:** John C. Wingfield, M. Mukai / The challenge hypothesis: Behavioral ecology to neurogenomics

**09:30 Break****10:00 Concurrent Symposia****Room 1**

**S42** Corticosterone - long-term impacts on life-history

Convenors: Jesko Partecke, Germany; L. Michael Romero, USA

**10:00** Introduction

**10:04** Stephan J. Schoech / Here today, not gone tomorrow: Long-term effects of corticosterone

**10:28** Jesko Partecke / Stress physiology: Ecological and evolutionary consequences of an urbanizing world

**10:52** L. Michael Romero / Corticosterone, feather quality, and long-term consequences

**11:16** Andrea Liebl, L. B. Martin / Correlates of hypothalamic-pituitary-adrenal axis regulation and neophilia to invasion and range expansion

**11:40** Lukas Jenni / Links between stress sensitivity and feather coloration

**12:04** Conclusion

**Room 2**

**S46** Biological clocks in birds: from behaviour to molecules

Convenors: Vinod Kumar, India; Vincent Cassone, USA

**10:00** Introduction

**10:04** Vincent M. Cassone / Molecular physiology of avian circadian and photoperiodic clocks

**10:28** Kazuyoshi Tsutsui / Novel molecular mechanisms underlying diurnal locomotor rhythms in birds: Coordination of melatonin with 7 $\alpha$ -hydroxypregnenolone, a newly discovered avian neurosteroid

**10:52** Sangeeta Rani / Role of food availability in regulation of daily and seasonal responses in birds  
**11:16** Bart Kempenaers, S. S Steiger, M. Valcu, K. Spoelstra, B. Helm, M. Wikelski / When the light is never turned off: diversity of daily activity patterns in Arctic breeding birds  
**11:40** Noah Todd Ashley, T. Ubuka, G. E. Bentley, C. L. Buck / Circadian organization in arctic-breeding songbirds  
**12:04** Conclusion

### Room 3

**S37** Across the great divides: how ecological barriers affect the biogeography and ecology of long-distance passerine migration  
 Convenors: Scott McWilliams, USA; Ulf Bauchinger, Israel  
**10:00** Introduction  
**10:04** Ulf Bauchinger, P. August, S. R. McWilliams / Passerine bird migration and ecological barriers: Comparing the Old World to the New World  
**10:28** Douglas J. Levey/ A comparison of geographic barriers and other challenges of migration in South vs. North America  
**10:52** Nikita Chernetsov, V. Bulyuk, D. Kishkinev / Do Siberian-African migrants cross the Central Asian deserts in autumn?  
**11:16** Jherime L. Kellermann / Spring migration phenology and plasticity of habitat use by Neotropical migratory birds across an elevational gradient within the Madrean Archipelago, Arizona, USA  
**11:40** Jannika Boström, T. Fransson, I. Henshaw, S. Jakobsson, C. Kullberg, S. Åkesson / Effects of simulated magnetic displacements on fuelling decisions in juvenile wheatears (*Oenanthe oenanthe*)  
**12:04** Conclusion

### Room 4

**S10** Conservation and avian communities  
 Convenor: John W. Fitzpatrick, USA  
**10:00** Introduction  
**10:04** John W. Fitzpatrick, R. Bowman / Demographic responses to post-fire habitat succession compound the endangerment of Florida scrub-jays, *Aphelocoma coerulescens*  
**10:28** Robert A. Davis, W. Bancroft, L. Valentine / Fire and dieback disease impact woodland avifauna in a Mediterranean hotspot  
**10:52** Luiz A. M. Mestre, J. Barlow, M. A. Cochrane / Structure and change of Amazonian bird communities after wildfire: a ten year study  
**11:16** Nicole L. Michel, T. W. Sherry, W. P. Carson / Lianas, not arthropods, limit understory insectivorous birds in Central American rainforest fragments  
**11:40** Ryan Norris, P. Arcese / Contributions to population growth rate in a wild songbird  
**12:04** Conclusion

### Room 5

**S29** The avian embryo's role in life-history evolution and incubation behaviour  
 Convenors: Christopher R. Olson, USA; Jan-Åke Nilsson, Sweden  
**10:00** Introduction  
**10:04** Pat Monaghan / Optimising incubation: parent and offspring perspectives  
**10:28** Robert E. Ricklefs / Incubation period: A strategy of parent or embryo?  
**10:52** Andreas Nord, J.-A. Nilsson/ Causes and consequences of variation in egg temperature during incubation  
**11:16** Caren B. Cooper, M. Voss / Photoperiod and the pace of development  
**11:40** Amanda J. Gilby / How much control do parents really have? Why incubation strategy is so important in wild zebra finches  
**12:04** Conclusion

### Room 6

**S32** Flight in the air and in the water: a synthesis of biomechanical, physiological and behavioural studies  
 Convenors: Yutaka Watanuki, Japan; Henri Weimerskirch, France  
**10:00** Introduction

**10:04** Katsufumi Sato, Y. Watanuki / Scaling of wing and foot stroke cycle in diving and flying seabirds  
**10:28** Kyle H. Elliott, Y. Ropert-Coudert, M. Le Vaillant, J. R. Speakman, T. Gaston / Practically penguins: energy costs during flying and diving for a bird with high wing-loading, the thick-billed murre  
**10:52** Mark Desholm / Could wind drift compensation be a passive aerodynamic action?  
**11:16** Yutaka Watanuki / Stroke during flight and dive in seabirds with different movement modes  
**11:40** Adriaan M. Dokter, F. Liechi, I. Holleman / Passerine flight altitudes studied by a network of weather radars  
**12:04** Conclusion

### Room 7

**S44** Novel ecological mechanisms in individual and population ecology

Convenors: Bettina Mahler, Argentina

**10:00** Introduction

**10:04** Päivi M. Sirkiä, M. Virolainen, T. Laaksonen / There is more to it than meets the eye – melanin-based colouration has temperature-dependent effects on breeding performance in the pied flycatcher

**10:28** Christopher J. Clark, T. Feo, R. Prum / Evolution and mechanics of feather-generated courtship display sounds of some bee hummingbirds

**10:52** C. Vereá, A. Solórzano, J. Vitelli-Flores, B. Dorta, T. Isturiz, Carlos Bosque / Beta-keratinolytic bacteria in the plumage of the bare-eyed thrush and inhibitory effect of its preen gland oil on bacterial growth

**11:16** Bettina Mahler, N. I. Lopez, A. G. Di Giacomo, J. C. Reboreda / Increased plumage darkness of shiny cowbird females in the subtropics: An adaptation to bacterial degradation?

**11:40** Peeter Hõrak, E. Sild, T. Sepp / Blackness of feathers reflects individual quality and oxidative insults: an experiment with greenfinches

**12:04** Conclusion

### Room 8

**S21** Adaptation and endemism in and environmental threats to coastal marsh avifaunas

Convenors: Russell Greenberg, USA; Juan Pablo Isaach, Argentina

**10:00** Introduction

**10:04** Juan Pablo Isacch, D. A. Cardoni / Bird responses to environmental threats of coastal marshes: Ongoing and predicted changes

**10:28** Russell Greenberg / Bill size and dimorphism in tidal marsh sparrows: Island-like processes in a continental habitat

**10:52** Xiaojing Gan, C. Y. Choi, Z. Ma, J. K. Chen, B. Li / Habitat selection of tidal marsh birds at Chongming Dongtan in the Yangtze estuary as influenced by *Spartina alterniflora* invasions

**11:16** Brian J. Olsen / Abiotic drivers of sexual selection in the tidal marsh: A case study using swamp sparrows

**11:40** Christopher S. Elphick, T. Bayard, S. Meiman, J. Hill, M. Hoover, C. Gjerdrum, M. Rubega / Effects of sea-level rise on saltmarsh-specialist birds

**12:04** Conclusion

### 12:08 Lunch

### 13:30 Room 1

**Plenary 10:** Christine Dranzoa / Uganda's avifauna in the living landscape: Rural livelihoods and biodiversity conservation

### 14:30 Break

### 15:00 Concurrent Symposia

#### Room 1

**S16** Bird conservation on agricultural land

Convenors: Chris Elphick, USA; Mark Whittingham, UK

**15:00** Introduction

**15:04** Mark Jonathan Whittingham / Bird conservation and ecology in European agricultural systems

**15:28** Cagan Sekercioglu / Bird functional diversity in tropical forest and agricultural ecosystems

**15:52** Ian T. Little, R. Jansen, P.A.R. Hockey / Bird conservation in agricultural grasslands: the impacts of land-use management strategies on moist highland grassland biodiversity in South Africa

**16:16** Matthew D. Johnson, B. Campos, J. Kellermann, S. Railsback, V. Jirinec / Pest control services in coffee farms as a tool for bird and habitat conservation

**16:40** Ian Henderson / Positive developments in sustainable agriculture; improving the delivery of biodiversity standards for birds

**17:04** Conclusion

## Room 2

**S12** Habitat fragmentation in tropical forest birds

Convenors: Luiz dos Anjos, Brazil; Thomas W. Sherry, USA

**15:00** Introduction

**15:04** W. D. Robinson, Thomas W. Sherry / Loss of birds from tropical forest fragments: what are the mechanisms?

**15:28** Luiz dos Anjos, C. D. Collins, R. D. Holt / On the sensitivity to forest fragmentation and abundance of bird species: Implications for conservation in the Brazilian Atlantic rain forest

**15:52** Tom Callens, P. Galbusera, E. Matthysen, L. Lens/ Genetic signature of Afrotropical rainforest fragmentation in seven sympatric bird species that vary in historical and current mobility

**16:16** Nico Dauphine, L. H. Holbech / When fragmentation means extirpation: Uncontrolled hunting as a driver of forest hornbill (Bucerotidae) declines in West Africa

**16:40** Thomas W. Sherry, N. L. Michel, B. J. Sigel, S. Woltmann / Mechanisms of bird community change in Central American lowland forest fragments

**17:04** Conclusion

## Room 3

**S26** Migrant responses to environmental conditions: Integrating ecological and physiological approaches

Convenors: Marilyn Ramenofsky, USA; Barbara Helm, Germany

**15:00** Introduction

**15:04** Ian Newton / Ecological background to bird migrations

**15:28** Marilyn Ramenofsky, J. Cornelius / Physiological and behavioural responses in migrants to environmental cues

**15:52** Peter S. Jorgensen / Interactive effects of land use change and climate change on European passerines?

**16:16** Andrey Mukhin / Environmental factors trigger changes in diel activity patterns in Eurasian reed warblers during breeding period

**16:40** Berry Pinshow / Do dietary protein and access to drinking water limit body mass increase in migrating passerine birds refueling at a stopover?

**17:04** Conclusion

## Room 4

**S6** Evolution of avian breeding systems: conflict and cooperation

Convenors: Tamás Székely, UK; Jan Komdeur, The Netherlands

**15:00** Introduction

**15:04** Judith Mank / Mating system and the evolution of avian genomes

**15:28** James L. Goodson / Birds of a feather: Neural motivation systems evolve in predictable ways in relation to avian sociality

**15:52** Dustin Rubenstein, I. Lovette / Reproductive skew and selection on female ornamentation in social species

**16:16** Veronika V. Samotskaya, P. V. Kwartalnov / Functional organization of Blyth reed warbler (*Acrocephalus dumetorum*) song

**16:40** J. Komdeur, Tamás Székely / Evolution of avian breeding systems: Conclusions and future directions

**17:04** Conclusion

## Room 5

**S34** Information and decision making by migrants during stopover



Convenors: Frank Moore, USA; Fernando Spina, Italy

**15:00** Introduction

**15:04** Fernando Spina, N. Saino, D. Rubolini, S. Tenan, L. Serra, M. Morganti / Decision making in relation to different strategies of migration

**15:28** Michelle Lynn Boyles, B. Pierce, S. McWilliams / Effect of dietary antioxidants on fatty acid preferences of migratory passerines

**15:52** Tamar Lok, O. Overdijk, T. Piersma / How weather conditions affect migratory decisions in spoonbills

**16:16** Stuart Alexander Mackenzie, A. K. Samuelsen, B. G. Thurber, B. J. McCabe, C. G. Guglielmo, P. D. Taylor / Broad scale stopover movements in a migratory passerine

**16:40** Franck Alex Hollander, N. Titeux, H. Van Dyck / Habitat selection by red-backed shrikes in two different anthropogenic landscapes: does preference match adaptiveness?

**17:04** Conclusion

### Room 6

**S8** Maternal antibodies in eggs: linking ecological and evolutionary implications)

Convenor: Jennifer Grindstaff, USA

**15:00** Introduction

**15:04** Jennifer Grindstaff / Evolutionary implications of maternal antibody transmission

**15:28** Sandra Chiriac, J-Å. Nilsson, D. Hasselquist / Maternal transfer of antibodies in the zebra finch (*Taeniopygia guttata*) - Female timing and effects on offspring immunity

**15:52** BriAnne Addison / Factors affecting the evolution of maternal antibody allocation differ across taxa: Yolk antibodies in passeriformes and charadriiformes

**16:16** Vincent Staszewski / Eco-epidemiology issues linked to the transfer of maternal antibodies

**16:40** Afiwa Midamegbe, A. Grégoire, P. Perret, V. Staszewski, M. Lambrechts, T. Boulinier, C. Doutrelant / Sexual selection in female birds: Plumage coloration and maternal antibody transfer in the blue tit (*Cyanistes caeruleus*)

**17:04** Conclusion

### Room 7

**S19** Structuring processes and determinants of diversity in cavity nesting bird communities

Convenors: Kathy Martin, Canada; Tomasz Wesolowski, Poland

**15:00** Introduction

**15:04** Kristina Cockle, K. Martin / Nest site limitation and the community structure of cavity-nesters across an anthropogenic gradient in the Atlantic forest

**15:28** Tomasz Wesolowski / Tree cavities: Origin, longevity and disappearance – A global perspective

**15:52** Andrea Norris, K. Martin / Resource pulses change diversity and function of cavity-nesting communities in disturbance-driven forest ecosystems

**16:16** Richard Loyn / Designing habitat for cavity-nesting birds in Australian eucalypt forests: a landscape approach

**16:40** Valeria Ojeda, L. Chazarreta, S. Díaz / Hollow-using birds in the Austral temperate forests of Patagonia

**17:04** Conclusion

### Room 8

**S30** Avian functional genomics: a new approach to understanding genome - behavioural - environmental interactions

Convenors: Peter Sharp, UK; Claudio Vianna de Mello, USA

**15:00** Introduction

**15:04** David Burt/ The avian genome revealed – new technologies and insights in avian biology

**15:28** Claudio Vianna de Mello / The birdsong transcriptome in zebra finches: Novel insights into vocal communication mechanisms

**15:52** Takashi Yoshimura / Functional genomics analysis of photoperiodic response

**16:16** Miriam Liedvogel, S. Åkesson, S. Bensch / The genetics of migration in the willow warbler *Phylloscopus trochilus*

**16:40** Nancy Chen, A. Clark/ Genome-wide SNP discovery in the Florida scrub-jay

**17:04** Conclusion

**17:08 Room 1 - Closing Ceremony**

**18:00 Free**

**20:30 Room 1 - Conference Banquet**

## Poster Presentations

Posters are listed by session, subject area (SA) and poster number

### Poster set up and removal

**Session 1 (Monday 23 and Tuesday 24):** set up on Sunday August 22<sup>nd</sup> (afternoon) and removal on Tuesday August 24<sup>th</sup> after the Poster Session.

**Session 2 (Thursday 26 and Friday 27):** set up on Thursday August 26<sup>th</sup> (morning) and removal on Saturday August 28<sup>th</sup> (morning).

Any poster left will be discarded and the IOC has no responsibility to return or keep posters left behind.

### Session 1 (Monday 23 & Tuesday 24; 14h30 – 16h30)

#### SA01 Behaviour and behavioural ecology

**SA01-001** Bettina Almasi / The ability to rise a stress-response is linked to melanin-based coloration in barn owls

**SA01-002** Bruno Jackson Melo de Almeida, S. F. Ferrari / Habitat use by four species of migratory shorebirds (Charadriiformes) on Atalaia Beach in Sergipe, Brazil

**SA01-003** Lucas E. Araújo-Silva, E. Bessa, F. Palis / Hierarchy of dominance and resource sharing among hummingbirds (Trochilidae) in central-western Brazil

**SA01-004** Jacqueline Kay Augustine / Behaviour, vocalizations and evolutionary implications of hybrid greater prairie-chickens and sharp-tailed grouse (*Tympanucus* spp.) in southwestern Minnesota, USA

**SA01-005** Joseph Fawzi Azar, B. D. Bell, K. C. Burns / Vocal characteristics of oscine birds associated with forest habitat in New Zealand

**SA01-006** Mykhailo Banik / Territorial and social behaviour is different in young birds originated from first vs. replacement broods in whinchat (*Saxicola rubetra*) and first vs. second broods in common stonechat (*S. torquata*)

**SA01-007** Karlla Vanessa de Camargo Barbosa, T. F. Miranda, N. M. R. Guedes / Artificial incubator of the collared forest falcon egg (*Micrastur semitorquatus*) and the successful introduction of the chick in natural nest with three chick in the southern Pantanal, Brazil.

**SA01-008** Melina Eva Barrionuevo, F. Bulit, V. Massoni / Variables affecting egg and yolk mass of white-rumped swallows (*Tachycineta leucorrhoa*)

**SA01-009** Dinesh Bhatt, Vinaya K. Sethi, A. Kumar / Neighbour-stranger recognition in the pied bush chat (*Saxicola caprata*)

**SA01-010** Cibele Biondo, F. T. Presti, N. M. R. Guedes, C. Y. Miyaki / Genetic evidence of extra-pair fertilizations in the hyacinth macaw, *Anodorhynchus hyacinthinus*

**SA01-011** B. L. Reinert, Marcos Ricardo Bornschein, D. D. Sobotka, R. B. Lopes, M. A. P. Ferreira / Territory stability and turnover in an endemic species of the Atlantic Forest, the marsh antwren *Stymphalornis acutirostris* (Thamnophilidae)

**SA01-012** Eugenia Bragina / Comparison of individual features in single calls and duets of white-naped cranes (*Grus vipio*)

**SA01-013** Luzimara Fernandes Silva Brandt, G. Specht, M. F. Percilios, B. O. M. Felipe, M. Canuto / Breeding dates of red-browed amazon (*Amazona rhodocorytha*) in Southeastern Brazil

**SA01-014** Florencia Bulit, V. Massoni / Cold and fat or warm and lean? Effects of a brood-size manipulation on *Tachycineta leucorrhoa* chicks

**SA01-015** Rebecca M. Calisi, G. E. Bentley / The effects of social environment on avian gonadotropin inhibitory hormone (GnIH) during the breeding season

**SA01-016** Liliane Souza Dantas de Carvalho, C. Melo / Description of the vocal repertoire of *Basileuterus flaveolus* and *Basileuterus hypoleucus* (Passeriformes, Parulidae) from Central Brazil, Uberlândia-MG

- SA01-017** Gloria Denise Augusto Castiglioni, M. A. S. Alves / Reproductive behavior of the tawny-browed owl (*Pulsatrix koeniswaldiana*) in a nest at União Biological Reserve, Rio de Janeiro State, Brazil
- SA01-018** César Cestari, M. A. P. Ferreira, I. T. Lopes / The use of auxiliary arenas by the lek-forming white-bearded manakin (*Manacus manacus*)
- SA01-019** Shuihua Chen, Z. Fan, Ca. Chen, Y. Lu / Nest site selection and nesting success: competition between Chinese egrets and little egrets breeding at Wuzhishan archipelago, eastern China
- SA01-020** Manuela Chomnalez, Al. G. Di Giacomo, J. C. Rebores / Differences in egg morphology and coloration between screaming cowbird eggs laid in nests of two hosts
- SA01-021** C. E. Candia-Gallardo, M. Awade, Cintia Cornelius, J. P. Metzger / Corridors increase connectivity for an endemic understory bird in fragmented Atlantic forest
- SA01-022** Larisa Lee Cruz, S. J. Goodman, K. C. Hamer / Interactions among prey availability, health status and provisioning behaviour of blue-footed boobies in Galápagos: implications for response to environmental change
- SA01-023** Filipe Cristovão Ribeiro da Cunha, G. Specht / When the six-banded armadillo enters in the wrong hole!
- SA01-024** Marcia Cziulik, T. Filadelfo, M. Comandaroba, V. Ferreira, M. C. Allgayer, N. M. R. Guedes / A nest monitoring system used for the toco toucan (*Ramphastos toco*) and the hyacinth macaw (*Anodorhynchus hyacinthinus*) in the Pantanal
- SA01-025** Abigail J Darrah, K. G. Smith / Costs and benefits of flocking behaviour in wedge-billed woodcreepers in eastern Ecuador
- SA01-026** Christopher Davey, P. J. Fullagar / Effects of a bushfire on the recovery and vocal repertoire of a population of superb lyrebird (*Menura novaehollandiae*) in the Australian Capital Territory, Australia.
- SA01-027** María Cecilia De Mársico, J. C. Rebores / High pre-fledging but low post-fledging success of shiny cowbirds parasitizing bay-winged cowbirds
- SA01-028** Raphael Igor da Silva Corrêa Dias, A. Fecchio, L. T. Manica, D. T. Gressler / Plumage coloration, body condition, and immunological status in yellow-billed cardinals in absence of blood parasitism by haemosporidia
- SA01-029** Santiago Escobar, J. P. Kelley / Neighbor-stranger song discrimination in male song wrens (*Cyphorhinus phaeocephalus*)
- SA01-030** Meng-WenFan, R. S. Lin / Social dominance relationships and phenotypic correlates of dominance in captive groups of grey-cheeked fulvetta (*Alicippe morrisonia*) in Taiwan
- SA01-031** Marco Aurelio Pizo Ferreira, V. A. Gabriel, A. Aleixo / Lek behaviour of five species of hermit hummingbirds (Phaethornithinae)
- SA01-032** Franchesco Della Flora, M. S. C. Brodt, G. D. Bastos, N. C. Cáceres / Foraging tactics of the blue manakin *Chiroxiphia caudata* on understory fruiting plants in a southern deciduous Atlantic Forest area
- SA01-033** Peter James Fullagar, M. Guppy / Communication between the male and female brown thornbill (*Acanthiza pusilla*) during incubation and feeding of young
- SA01-034** Milene Gaiotti, H. Kuffner / Distress call of *Sturnella militaris* (Aves: Icteridae) for different predators
- SA01-035** Debora Goedert, R. I. S. C. Dias, R. H. F. Macedo / Acoustic signalling in the cooperative-breeding field flicker (*Colaptes campestris*)
- SA01-036** Paulina Gonzalez Gomez, F. Bozinovic, R. A. Vásquez / Energetic consequences of sexual dimorphism in cognitive abilities
- SA01-037** Irene Espinosa Gonzalez-Garza, I. C. Cuthill / Principles of camouflage as seen in ducks
- SA01-038** Carlos Otávio Araujo Gussoni, M. C. O. Santos / Biology of the Restinga tyrannulet
- SA01-039** David Hof, N. Hazlett / Low amplitude song as a signal of aggressive intent in black-throated blue warblers (*Dendroica caerulescens*)
- SA01-040** Sayaka Horie, M. Takagi / Differences of nest vigilance intensity among predator types in relation to nest position by male daito white-eye *Zosterops japonicus daitoensis*, Japan
- SA01-041** Tatyana Aleksandrovna Ilyina / Conspecific visitors to the pied flycatcher *Ficedula hypoleuca* broods: Nosey passers-by or helpers?
- SA01-042** Elena V. Ivankina, A. B. Kerimov, A. V. Bushuev, T. A. Ilyina / On energetics of mating behaviour of pied flycatcher (*Ficedula hypoleuca*) males
- SA01-043** Anvar B. Kerimov, E. V. Ivankina, T. A. Ilyina, A. V. Bushuev / Basal metabolic rate and style of exploratory behaviour in great tit (*Parus maor* L.)
- SA01-044** Sarah Kiefer, C. Scharff, H. Hultsch, S. Kipper / Differences in repertoire composition in common nightingales *Luscinia megarhynchos* between first year and older birds – findings from field and laboratory
- SA01-045** Li Laixing / Egg ejection behavior of bar-headed geese: anti-infection or any other evolutionary concerns?

- SA01-046** Simeon Lisovski, H.-U. Peter / The impact of testosterone in a highly aggressive bird: the brown skua (*Catharacta antarctica lonnbergi*)
- SA01-047** Patricia Soares Castro Lopes, G. Bentley / Neural correlates of sickness behavior in songbirds
- SA01-048** D. A. Potvin, Elizabeth MacDougall-Shackleton / Parental investment amplifies effects of genetic complementarity on growth rates in song sparrows
- SA01-049** Renata Leal Marques, L. M. Oliveira, C. H. Nunes / Ethogram of *Buteo albicaudatus* Vieillot, 1816 (Aves: Falconiformes) in captivity
- SA01-050** Rowan Martin, S. R. Williams, J. Dunn, A. P. Beckerman, B. J. Hatchwell / Food availability and breeding behaviour in a threatened Amazon parrot: insights from short-term manipulations of brood size and food availability
- SA01-051** Viviana Massoni, A.V. Dalia, C. López, M. B. Carbonetto, A. G. Palmerio / Saffron finch female's choice in captivity: they like the king's bright crown
- SA01-052** Osamu Mikami, Y. Katsuno, D. M. Yamashita, R. Noske, K. Eguchi / Bowers of the great bowerbird (*Chlamydera nuchalis*) unburned after fire: is this an adaptation to fire?
- SA01-053** Carolina Isabel Miño, S. N. Del Lama / Genetic mating system of the roseate spoonbill and the wood stork (Aves: Ciconiiformes)
- SA01-054** Amanda de Almeida Monte, M. L. Silva / Duet structure and individual differences in the moustached wren *Thryothorus genibarbis* song
- SA01-055** Aline Fujikawa Moreira, D. P. Tubelis / How many bird species had their home ranges or territories studied in South America?
- SA01-056** Yoshihisa Mori / Diving behaviour of chinstrap penguins in relation to sex: which sex dives harder for chicks?
- SA01-057** Leiliany Negrão de Moura, M. L. Silva / Visual signalling in wild orange-winged amazon (*Amazona amazonica*)
- SA01-058** Hisashi Nagata / Dispersal and foraging behavior of crested ibis, *Nipponia nippon*, after release in Japan
- SA01-059** Carlos Henrique Nunes, R. L. Marques, L. M. Oliveira / Ethogram of *Rupornis magnirostris* Gmelin, 1788 (Aves: Falconiformes) in captivity
- SA01-060** Jocieli de Oliveira, F. P. Florêncio, J. B. Pinho / Foraging behavior of *Tigrissoma lineatum* (Aves: Ardeidae) in natural grasslands in seasonally flooded region of Pirizal, Pantanal of Poconé, Mato Grosso, Brazil
- SA01-061** Liliane Martins de Oliveira, C. H. Nunes, R. L. Marques, A. G. Franchin, O. Marça-Júnior / New aspects of behavioral repertoire of *Syrigma sibilatrix* couple (Ciconiiformes: Ardeidae) and its nestlings during reproductive event
- SA01-062** Guilherme Gallo Ortiz, T. Zaiden, P.C.A. dos Santos Jr., L.O. Marcondes-Machado / Feeding behaviour of the plain parakeet (*Brotogeris tirica*) in interior São Paulo state, Brazil
- SA01-063** Samuel Temidayo Osinubi, H. Chapman, J. Briskie, U. Ottosson, J. Brown / Habitat influence on territorial and mate-guarding calls of the yellow-breasted boubou (*Laniarius atroflavus*)
- SA01-064** Angela Midori Furuya Pacheco, M. Cohn-Haft / New evidence for lack of song learning in Neotropical subsong passerines
- SA01-065** V. Gómez-Serrano, J. I. Areta, Jorge Pérez-Emán / *Mionectes olivaceus*: a lekking species?
- SA01-066** Jaqueline Evelyn Persegona, L. Corrêa, J. J. Roper / A comparison of behaviors and interactions during feeding in a hummingbird community in southern Brazil
- SA01-067** Rianne Pinxten, M. Eens / Short and long term effects of elevated testosterone levels on reproductive success and survival in captive female European starlings (*Sturnus vulgaris*)
- SA01-068** Akos Pogany, R. Enyedi, Z. Szurovecz, E. Vincze, T. Székely / Parental cooperation in zebra finches: do parents behave consistently in different contexts?
- SA01-069** Anastasia Popovkina / Division of labour in brood-rearing ruddy shelducks (*Tadorna ferruginea*): functional or temporal?
- SA01-070** Steven J. Portugal, S. J. Reynolds, P. Cassey / Does feeding ecology and predation risk influence the behavioural response of ducks to the flightless period of moult?
- SA01-071** Mattheuns Pretorius, G. Malan / Diet and habitat selection of the threatened African grass-owl (*Tyto capensis*) in the Highveld of South Africa
- SA01-072** Laura Prosdocimi, Viviana Gattinoni, Marcia Cziulik / Video camera system used to monitor incubation at the Andean condor (*Vultur gryphus*)
- SA01-073** A. G. Di Giacomo, B. Mahler, A. S. Di Giacomo, Juan Carlos Rebores / Social and genetic polygyny in the strange-tailed tyrant (*Alectrurus risora*)
- SA01-074** Bianca Luiza Reinert, D. D. Sobotka, R. Belmonte-Lopes, M. R. Bornschein, M. A. P. Ferreira / Nest and nest site selection by the marsh antwren *Stymphalornis acutirostris* (Thamnophilidae)
- SA01-075** Jeremy Robertson, S. Kleindorfer, D. Colombelli-Negrel / The benefits of many close neighbours: Darwin's finches in mixed species nesting associations had higher nest defence response and lower nest predation

**SA01-076** Claudia Isabel Rodriguez Flores, M. del C. Arizmendi / Foraging strategies of a hummingbird community during the winter season in a highland forest in Western Mexico

**SA01-077** Piero Angeli Ruschi, J. E. Simon, F. M. Flores / Reproduction of the yellow-browed woodpecker in Santa Teresa, State of Espírito Santo, Brazil

**SA01-078** Alejandro Salinas-Melgoza, T. F. Wright / Vocal convergence as a mechanism for the long term maintenance of vocal dialects of the yellow-naped amazon (*Amazona auropalliata*) in Costa Rica

**SA01-079** Ivan Sazima, C. Sazima / Cleaner birds: An overview for the Neotropics

**SA01-080** Isabella B. R. Scheiber, K. Kotschal, A. Bauer, C. A.F. Wascher / Social links of parasite burden in free-living greylag geese (*Anser anser*)

**SA01-081** Barney Schlinger, L. Fusani, M. Wikelski, J. Barske / Heart rate reflects metabolic output in a bird with a complex courtship display

**SA01-082** Kanomi Shiina, S. Higashi / Tree Selection for nests and roosts of the Japanese pygmy woodpecker *Dendrocopos kizuki*

**SA01-083** Elsimar Silveira da Silva, J. I. B. Albuquerque, M. E. Graipel / Factors that influence the observation of the black hawk-eagle (*Spizaetus tyrannus*) on Santa Catarina Island, in the south of Brazil

**SA01-084** Mariana Tolentino Bento da Silva, M. Anciães, P. Rubim, E. M. Bruna, M. Uriarte / Do pollination and seed dispersal by birds influence the abundance of *Heliconia acuminata* in a fragmented landscape?

**SA01-085** Maria Luisa da Silva, L. F. T. Nascimento, J. M. E. Vielliard / How to measure complex songs: informational entropy applied to an Amazonian thrush

**SA01-086** Mariana Batista Silveira, M. A. Marini / Cowbird egg ejection by birds from a Neotropical savanna

**SA01-087** Gustav Specht, L. F. S. Brandt, M. F. Percilios, B. O. Martins, L. F. S. Brandt, M. F. Percilios, B. O. M. Felipe / Preliminary data of

radio telemetry on red-browed amazon (*Amazona rhodocorytha*) in Southeastern Brazil

**SA01-088** Vanessa Cardoso Tomaz, M. A. S. Alves / Microhabitat utilization for foraging and singing by the Tropical mockingbird (*Mimus gilvus*) in shrubby restinga vegetation

**SA01-089** Pablo Luis Tubaro, A. S. Barreira, C. Kopuchian / Vocal differences between Argentine subspecies of ultramarine grosbeak (*Cyanocompsa brissonii*) and their possible causes

**SA01-090** Jeffrey R. Walters, D. Kesler, J. Kappes / Jumping behaviour explains the fat-tailed dispersal distance distribution in the red-cockaded woodpecker (*Picoides borealis*)

**SA01-091** Jan H. Wanink / Adaptive behavioural responses of piscivorous birds to invasive aliens in Lake Victoria

**SA01-092** Claudia Wascher, V. Baglione, T. Bugnyar, P. Zucca, D. Canestrari / Social behaviour and parasite burden in cooperatively breeding carrion crows (*Corvus corone corone*)

**SA01-093** Michael Weiss, S. Kiefer, C. Bartsch, H. Hultsch, S. Kipper / Buzz elements and quality indication in the song of nightingales (*Luscinia megarhynchos*)

**SA01-094** Katarzyna Wojczulanis-Jakubas, D. Jakubas, D. Kidawa, A. Slonina / Sex-related changes in stress level and body mass in little auk (*Alle alle*) during the breeding season

**SA01-095** Cédric Zimmer, M. Boos, J-P. Robin, O. Petit / Behavioural adjustments in response to increased predation risk: an experimental study in the tufted duck

**SA01-096** Jairo José Zocche, A. P. Cruz-Neto, R. A. Mendonça, F. Carvalho, I. A. Accordi / Does the long-tailed cinclodes *Cinclodes pabsti* Sick, 1969 (Aves: Furnariidae) select the nest site randomly?

**SA01-097** Bruno Jackson Melo de Almeida, S. F. Ferrari / Habitat use by four species of migratory shorebirds (Charadriiformes) on Atalaia Beach in Sergipe, Brazil

**SA01-098** Teresa J. Feo, C. J. Clark / Exploring the extent of mechanical sound use in tropical bee hummingbirds

### SA03 Evolutionary biology

**SA03-001** Jacob S. Berv, K. Zyskowski / First reported use of radio-telemetry to locate cryptic nests of Neotropical passerines

**SA03-002** Deborah Monique Buehler, A. J. Baker / Characterization of major histocompatibility complex (MHC) class I genes in the long-distance migrant red knot (*Calidris canutus*)

**SA03-003** Greet De Coster, S. Verhulst, L. De Neve, L. Lens / Maternal and environmental effects on oxidative stress in the great tit (*Parus major*)

**SA03-004** Sacha Haywood / What mechanism for the control of clutch size in the first birds?

**SA03-005** Hsin-Yi Hung, S.-H. Li / Dressing in two black suits - Cryptic sexual dichromatism in the black bulbul (*Hypsipetes leucocephalus nigerrimus*)

**SA03-006** B. P. Singh, Vinod Kumar / Photoperiodism is a conserved regulatory mechanism for important life history stages of birds: A case study of Indian birds

**SA03-007** Mark C. Mainwaring / Experimental evidence for state-dependent nest weight in the blue tit (*Cyanistes caeruleus*)

**SA03-008** Angela McGuire, J. Robertson, S. Kleindorfer / Using song playback to assess population status in the endangered Western whipbird *Psophodes nigrogularis*: implications for conservation management

**SA03-009** Olga Milenkaya, J. R. Walters, S. Legge / Breeding biology and life history traits of an Australasian tropical granivore, the crimson finch (*Neochmia phaeton*)

**SA03-010** Jelmer Wijtze Poelstra, J. B. W. Wolf, H. Ellegren / Speciation genomics of carrion and hooded crows (*Corvus [corone] corone* and *cornix*)

**SA03-011** Vladimir Remes, B. Matysioková, A. Cockburn / Life-history evolution in Australian and New Zealand songbirds: phylogeny, allometry, and environment

#### **SA04 Macroecology**

**SA04-001** Fernanda Thiesen Brum, L. S. Duarte, S. M. Hartz, A. Kindel / Influence of macroecological factors in frugivory by Tyrannidae along *Araucaria* forest distribution

#### **SA05 Migration and orientation**

**SA05-001** Richard O. Bierregaard, M. S. Martell / Juvenile and adult osprey (*Pandion haliaetus*) migration between North and South America: Routes, timing, and mortality.

**SA05-002** Yuliya Boyarinova, O. Babushkina / Spring locomotory activity in migratory and "sedentary" goldcrests (*Regulus regulus*)

**SA05-003** Eli S. Bridge, J. Kelly, A. M. Fudickar / Mesic movers and Xeric Squatters: Dual migration strategies in painted buntings (*Passerina ciris*)

**SA05-004** Michal Ciach / Competition as a determinant of migration strategy – a case study with *Phylloscopus* leaf warblers

**SA05-005** A. Mäder; Augusto Silva Costa, M. Sander / Fall migration and population estimate of white-backed stilt (*Himantopus melanurus* Vieillot 1817) in non-reproductive period in Rio Grande do Sul, Brazil

**SA05-006** Juliana Dänhardt, M. Green, R. Klaassen, A. Lindström, P. Olsson, H. G. Smith / Stopover ecology of golden plovers (*Pluvialis apricaria*) in an intensively farmed landscape

**SA03-012** Raoul Frans Hugo Ribot, M. L. Berg, K. L. Buchanan, A. T. D. Bennett / Genetic population structure predicts vocal variation in a parrot

**SA03-013** Lauri Saks, K. Rattiste, T. Sepp, E. Sild, P. Hõrak / Testosterone, health and wing ornamentation in wild common gulls

**SA03-014** Fernanda de Almeida Santos, G. P. M. Dantas, J. S. Morgante / Testing genetic bottleneck in populations of *Larus dominicanus* (Laridae)

**SA03-015** Erika Sendra Tavares, S. Pereira, A. J. Baker / Molecular characterization of MHC II class B in red-knots

**SA03-016** Anastasia Petrovna Vabishchevich, I. Palko, V. Grinkov, N. Formozov / The plumage coloration of the pied flycatcher (*Ficedula hypoleuca*) does not confirm the reinforcement hypothesis in the eastern part of the range

**SA03-017** Takeshi Yamasaki, H. Matsubara, H. Kamigaichi / Human activity caused rapid ecological speciation of crows in the western Pacific islands

**SA04-002** Rosa Daniela Tovilla Sierra, L. A. Sánchez-González, V. Rodríguez-Contreras / Analysis of the abundance-range-size relationship in Trans-Mexican Volcanic Belt bird communities

**SA05-007** Mark Desholm / Are trans-Saharan migrants constrained by the increasing head winds of climate change?

**SA05-008** Paul B. Hamel, C. G. Smith, III, M. Fuzaro Gullo / Effect of a tornado on bird use of forest understory in an old-growth research natural area in temperate floodplain forest

**SA05-009** Kent A. Hatch, B. Pinshow / Optimal flight theory and the effect of flight duration on mass-specific metabolic rates

**SA05-010** Lucy Alice Hawkes, P. J. Butler, C. M. Bishop / Into thin air: the migratory flight of the bar-headed goose (*Anser indicus*)

**SA05-011** Richard Inger, D. Hodgson, E. Rees, S. Bearhop / The importance of carry-over effect in Icelandic whooper swans

**SA05-012** M. Kaatz, Christoph Kaatz / satellite telemetry of the white stork (*Ciconia ciconia*) – selected migratory routes

**SA05-013** Jutta Leyrer, F. Robin, M. Brugge, A. Dekinga, A. Schrimpf, P. Bocher, T. Piersma / Traveling light and fast in stochastic environments

**SA05-014** Aurélea Mäder, M. Sander / Shorebirds in the southern Brazilian marine environment: increasing or decreasing the nearctic populations?

**SA05-015** Troels Eske Ortvad, K. Thorup, R. A. Holland, J. Rabøl, M. Wikelski / Nocturnal passerine migrants tested with radiotransmitters and Emlen funnels at The Faroe Islands in the NE Atlantic Ocean.

**SA05-016** Diana Flora Padrón Novoa / Why birds migrate?

**SA05-017** Ingo Schiffner, R. Wiltschko / Flying strategies of inexperienced young pigeons

**SA05-018** Patricia Pereira Serafini, I. Simão, A. Roos, R. Barbosa-Filho, K. G. Oliveira / Banding and monitoring programs of magellanic penguins on the Brazilian coast in 2008

**SA05-019** Isaac Simão Neto, P. P. Serafini / Long-term banding data from a RAMSAR site in southern Brazil

**SA05-020** Sören Svensson, R. Sandberg, T. Andersson / Conditioning on magnetic field shift with food as reward in the ruby-throated hummingbird (*Archilochus colubris*)

## SA06 Morphology, ecomorphology, evo-devo and development

**SA06-001** Carlos Barros de Araújo, L. O. Marcondes-Machado / Photos and rulers: what works better a camera or a piquimeter?

**SA06-002** Guilherme de Sousa Battistuzzo, R. Gaban-Lima, E. Höfling / Comparative anatomy of the syrinx in the Bucconidae

**SA06-003** Maricel G. Grilli, D. Montalti / Morphometric differences in two populations of Malvinas skua *Stercorarius antarcticus*

**SA06-004** Flávia de Campos Martins, R. H. F. Macedo / Ecological segregation based on the morphology and diet of the understory insectivorous birds on the Deciduous Seasonal Forest, GO, Brazil: Testing the Hypothesis of Limiting Similarity

**SA06-005** Hyun-Young Nam, C.-Y. Choi, H.-Y. Chae / Protandrous migration and variation in morphological characters in *Emberiza* buntings at an East Asian stopover site

**SA06-006** Ola Carl Magnus Österström, C. Lilja / Carbonic anhydrase and calcium mobilization from the avian eggshell during embryonic development

**SA06-007** Cristina Sainz, M. Lentino / Molt and tail length of the long tail sylph (*Agelaiocercus kingi*)

**SA06-008** Lais Araújo Coelho, T. M. Sanaïotti / Abnormally billed ashy-headed greenlet (*Hylophilus pectoralis*) in an Amazonian savanna

**SA06-009** Diana da Silva, H. M. F. Alvarenga, E. Höfling / Functional morphology of the neck in the Ardeidae

## SA07 Nutrition, energetics and foraging

**SA07-001** Maria Alice dos Santos Alves, V. S. M. Gomes, M. S. Buckeridge, C. O. Silva, F. R. Scarano, D. S. D. Araujo / Availability peak of caloric fruits coincides with energy-demanding seasons for resident and non-breeding birds in Restinga, an associated ecosystem of the Atlantic forest, Brazil

**SA07-002** Joanna Burger, M. Gochfeld / Metal contamination in common terns: status, trends, and vulnerability to contaminants from fish

**SA07-003** Leonardo Braga Castilho, R. I. Dias, R. H. Macedo / Diet composition of *Athene cunicularia* and its influence upon individual quality

**SA07-004** Lorena da Silva Castilho, K. N. Purificação, M. C. Pascotto / Frugivory by birds in *Copaifera langsdorfii* Desf. (Caesalpiniaceae) in a rocky savana in the Parque Estadual da Serra Azul, Mato Grosso, Brazil

**SA07-005** Andre Chiaradia, M. G. Forero, A. Kato, K. A. Hobson, I. C. T. Nisbet, Y. Ropert-Coudert / Foraging ecology of an inshore seabird: how can the smallest penguin *Eudyptula minor* help to answer big questions in a changing world?

**SA07-006** Adrian John Fergus Knott Craig, R. Forbes, P.E. Hulley, S. Jones, D. Parker / Birds at winter-flowering *Aloe ferox* in South Africa: a nectar source in a season of scarcity

**SA07-007** Julia Draghi, V. S. Alves / Diet of the Brazilian tanager (*Ramphocelus bresilius*) in a natural reserve in Rio de Janeiro, Brasil

**SA07-008** N. Hanuise, C.A. Bost, Götz Eichhorn, Y. Handrich / An alternative technique to estimate prey consumption in the king penguin and other diving birds

**SA07-009** Emilia Trudnowska, K. Blachowiak-Samolyk, M. Gluchowska, S. Kwasniewski, M. Wichorowski / Little auks' feeding grounds under different oceanographic conditions

**SA07-010** Oscar Farina Junior, C. Carvalho, W. A. Pedro / Predation of *Platyrrhinus lineatus* (E. Geoffroy, 1810) (Mammalia: Chiroptera) by *Cyanocorax chrysops* (Vieillot, 1818) (Aves, Passeriformes)

**SA07-011** Lech Iliszko, D. Jakubas, K. Wojczulanis-Jakubas, L. Stempniewicz / Miniature GPS and temperature loggers as a tool of studying

foraging range, flight patterns and daily time budget of little auks (*Alle alle*)

**SA07-012** Dariusz Jakubas, K. Wojczulanis-Jakubas, L. Stempniewicz, M. Gluchowska / Ecological and behavioural response of little auk (*Alle alle*) to climate change in the high-Arctic

**SA07-013** Justine Keuning, J. Robertson, S. Dittmann / Can the foraging behaviour of shorebirds explain their decline in the Murray Estuary, South Australia?

**SA07-014** Khadija Bourass, A. François, Y. Hingrat / Wintering diet of the North African houbara bustard: inferences on the species foraging strategy

**SA07-015** Silvina Laura Malzof, A. B. Juarez, A. Estevao, V. Stuchi, R. D. Quintana / Nutrient content and morphological features of alien fruits consumed by dusky-legged guan (*Penelope obscura obscura*) in the lower delta of the Parana River

**SA07-016** Erison Carlos dos Santos Monteiro, J. Ragusa Netto / Relation between fruitification, size of the fruit and fruit predation of *Qualea grandiflora* (Vochysiaceae) for Psittacidae

**SA07-017** María Gabriela Nuñez Montellano, P.G. Blendinger, M.A. Vattuone, G. Rotta, P. Zelaya / Use and selection of sap trees by white fronted woodpecker, *Melanerpes cactorum*, in the Semiarid Chaco, Argentina

**SA07-018** A. Aguiar, Arthur Angelo Bispo de Oliveira / Effects of color and distribution of artificial fruits in rates of consumption by birds in a State Park, Parana, Brazil

## SA11 Species and population conservation

**SA11-001** G. Gulgemin, Elaine Cristina de Almeida, D. M. M. Oliveira / Birds of State Park Mãe Bonifacia

**SA11-002** Hitoha E. Amano, S. Hanawa, M. Takeishi / Nest site selection of endangered Saunders's gull in northeastern China

**SA11-003** T. V. V. Costa, Christian Borges Andretti, T. O. Laranjeiras, G. A. B. Rosa / First record of *Nyctibius leucopterus* in Southeastern Brazil, with notes on its distribution and conservation in the Atlantic Forest

**SA11-004** K. G. Oliveira, Antonio Eduardo Araujo Barbosa, J. R. S. Neto, A. C. Menezes, J. L. X. Nascimento, A. E. B. A. Sousa, A. C. A. Amaral, M. F. C. Nunes, D. L. Röhr / Monitored release of Lear's macaw back to the wild (*Anodorhynchus leari*, Aves: Psittacidae) in Bahia, Brazil

**SA11-005** Erica Cristina Pacifico de Assis, L. F. Silveira / Description of the remote nests of the

**SA07-019** Marcia Cristina Pascotto, L. S. Castilho, K. N. Purificação, F. M. Vieira, M. R. B. Souza / Avian frugivory in rock savanna in the Parque Estadual da Serra Azul, Mato Grosso, Brazil

**SA07-020** Gabriel Arvelino de Paula, M. C. Santos / Dispersion for ornithochory in *Ocotea bicolor* (Lauraceae), Mantiqueira range, Brazil

**SA07-021** Juliana Strieder Philippsen, E. Benedito / Trophic ecology of birds: investigation on the use of stable isotopes by a scientometric analysis

**SA07-022** Gláucia Helena Fernandes Seixas, J. Ragusa-Netto / Feeding ecology and local abundance of blue-fronted Amazon (*Amazona aestiva*) in a habitat mosaic in the Pantanal of Miranda, Mato Grosso do Sul, Brazil

**SA07-023** Lech Stempniewicz, L. Iliszko, A. Zwolicki, P. Richard / High delta 15N stable isotope values in the forest ecosystem affected by cormorants in the Katy Rybackie colony (N. Poland)

**SA07-024** Maria Cecilia Barbosa de Toledo, R. C. L. B. Rodrigues / Climate evaluation on the nectar sugar composition from *Malvaviscus arboreus* visited by nectar feeding birds in the southeast mountainous region from Brazil

**SA07-025** Tiago Zaiden, P. C. A. dos Santos Jr., G. Gallo-Ortiz, L. K. Junqueira / Frugivory by birds in *Trema micrantha* (Ulmaceae) in the Parque Ecológico Monsenhor Emílio José Salim, in Campinas-SP, Brazil

**SA07-026** Katarzyna Zmudzynska, A. Zwolicki, M. Barcikowski, P. Richard, L. Stempniewicz / Terrestrial ecosystem enrichment with marine-derived 13C and 15N by planktivorous and piscivorous seabirds in the Arctic

indigo macaw *Anodorhynchus leari* at the Canudos Biological Station, semi-arid of Bahia, Brazil

**SA11-006** Marcelo de Oliveira Barbosa, R. T. Pinheiro / New records of Brazilian merganser (*Mergus octosetaceus*) at Serra Geral do Tocantins Ecological Station, Brazil

**SA11-007** J. R. S. Neto, M. Camandaroba, Antonio Eduardo Araujo Barbosa, K. G. de Oliveira, E. C. Pacifico de Assis, L. F. Silveira / Population active in reproduction and population assessment of Lear macaw (*Anodorhynchus leari*, Psittacidae) in Bahia, Brazil

**SA11-008** Marcelo Henrique Mello Barreiros, T. M. Sanaiotti, J. S. Santos, U. Amaral, A. D. Ribeiro, J. E. Mantovani / Radio-telemetry tracking of adult harpy eagle (*Harpia harpyja*) released in nature in Atlantic Rain Forest, in Bahia State

**SA11-009** G. Bowker-Wright, Benjamin Dean Bell, M. J. Williams, P. Ritchie / Captive breeding and release diminishes genetic diversity in the brown



teal (*Anas chlorotis*), an endangered New Zealand duck

**SA11-010** G. Zorzini, M. Canuto, C. E. A. Carvalho, E. P. M. de Carvalho Filho, G. D. M. de Carvalho, Carlos Eduardo Ribas Tameirão Benfica / Conservation status of hawk-eagles in Minas Gerais State, Southeastern Brazil

**SA11-011** Ana Paula Bertoldi Carneiro, J. Jimenez, T. White / Nest-site selection by the slender-billed conure (*Enicognathus leptorhynchus*) in an agricultural matrix in Southern Chile

**SA11-012** Jacob S. Berv, K. Zyskowski / Mitochondrial DNA sequence data help to elucidate the ancestry and genetic differentiation of South American savanna birds

**SA11-013** Carlos Abs Bianchi, S. M. Haig / Shrinking towards extinction: potential habitat distribution and status of the endangered Pfrimer's parakeet

**SA11-014** Jennifer R. A. Cahill Mangudo, V. Sluydts, E. Matthysen / Survival estimates of two high-Andean *Polylepis* bird specialists (*L. yanancensis* and *O. fraseri*)

**SA11-015** D. Paludo, Fausto Pires de Campos, P. Martuscelli, F. L. Collaço / Population expansion of the endangered scarlet ibis (*Eudocimus ruber*) in the southeast of Brazil

**SA11-016** João Vitor Campos e Silva, B. S. Conceição, M. Anciães / Use of secondary forests by understory birds in a fragmented landscape in Central Amazonia

**SA11-017** Marcus Canuto / Density estimate and defended territory for the white-necked hawk (*Leucopternis lacernulatus*) at an Atlantic Rainforest fragment, east of Minas Gerais

**SA11-018** Rafael Bessa Alves de Carvalho, H. Rajão, E. Mendonça, L. Gonzaga / Abundance, elevational distribution and diet of the gray-winged cotinga (*Tijuca condita*) at Serra dos Órgãos National Park, Rio de Janeiro, Brazil

**SA11-019** E. P. M. de Carvalho Filho, G. D.M. de Carvalho, M. Canuto, Carlos Eduardo Alencar Carvalho, C.L. Moreira, D. C. Moreira Júnior / Preliminary data on the breeding biology of the black hawk-eagle (*Spizaetus tyrannus*) southeastern Brazil

**SA11-020** Chiyeung Choi, X. Gan, Z. Ma / The home range and habitat use of dunlin (*Calidris alpina*) in wintering and pre-migration periods in Chongming Dongtan, Shanghai, China

**SA11-021** L.L. da Silva, Amanda Aparecida Cardoso Coimbra, V. C. Geraldi, A. M. Brischi / Study of arboreal species used as feeding sources by birds in the City of São Paulo

**SA11-022** Gabriel Jaime Colorado Zuluaga, P. B. Hamel, A. D. Rodewald, D. Mehlman / Distribution

and winter ecology of cerulean warbler in the Andes: new insights

**SA11-023** Dorota Czeszczewik, W. Walankiewicz / Effects of forest management on woodpeckers abundance in Bialowieza Forest, Poland

**SA11-024** Sueli Souza Damasceno, P. P. de Oliveira, David Wiedenfeld, R. Ribon / Search for the Critically Endangered Stresemann's bristlefront (*Merulaxis stresemanni*) (Passeriformes: Rhinocryptidae) in the eastern Brazil

**SA11-025** André Desrochers / Habitat selection by spruce grouse in a fragmented habitat: influences of habitat deterioration and isolation

**SA11-026** Adam Dmoch, R. Mikusek, A. Dyrzcz / Birds of the Redbog (NE Poland) – the case of chances and threats of biodiversity

**SA11-027** Ana Cristina Fazza, P. M. Galetti Jr / Genetic variation in a population of *Dendrocincla turdina* (Dendrocolaptidae, Aves) from Caraguatatuba, SP, Brazil

**SA11-028** Felipe Feliciani / Case analysis of the birds retentions registered by the Associação Mata Ciliar, Jundiá, SP.

**SA11-029** Juliana Machado Ferreira, M. Burnham-Curtis, F.S.P. Gomes, M. Melo, L.F. Silveira, J.S. Morgante / Where do the birds seized from the illegal trade come from? An approach with molecular markers

**SA11-030** T. F. Raso, Vivian Lindmayer Ferreira, M. A. Almeida, L. F. Silveira / Seroprevalence of *Mycoplasma synoviae*, *Salmonella pullorum* and hemoparasites in an Alagoas curassow (*Pauxi mitu*) population in Brazil

**SA11-031** Charles M. Francis, M. Campbell / Can microphones and recorders help expand coverage of the Breeding Bird Survey?

**SA11-032** takayuki Funo, T. Sekijima, T. Murakami, M. Abe / Specific prey selection of Japanese golden eagle *Aquila chrysaetos japonica* inhabiting deciduous broadleaf forest

**SA11-033** Vagner de Araújo Gabriel / Eucalyptus plantation and the bird conservation

**SA11-034** Sylvie Geiger, F. Criscuolo, Y. Le Maho, J. P. Robin / Multi-effects of oiling on birds: Current knowledge and future research directions

**SA11-035** Neiva Maria Robaldo Guedes, M. C. Toledo, R. J. Donatelli / Mortality of hyacinth macaws *Anodorhynchus hyacinthinus* (Aves, Psittacidae) nestlings in Miranda Pantanal, Mato Grosso do Sul, Brazil

**SA11-036** Yuko Hayashi / Breeding biology of the endangered Blakiston's fish owl (*Ketupa blakistoni*) in Japan

- SA11-037** Luiza Magalli Pinto Henriques, S. M. Dantas / Bird extinctions at Tucuruí dam area, Oriental Amazon, Brazil
- SA11-038** Noemí Esther Huanca Llanos, P. A. Hosner, A. B. Hennessey / Nests, vocalizations, and habitat use of the endangered Cochabamba mountain-finch (*Compsospiza garleppi*)
- SA11-039** Eduardo Eugenio Iñigo Elias, K. Santos del Prado, R. A. Medellín / Survey and breeding notes on the yellow-headed parrot (*Amazona oratrix*) population on the Tres Marias Island Archipelago, Nayarit, Mexico
- SA11-040** Ken Ishida, M. Takashi, H. Torikai, K. Kawaguchi / Flagship Amami jay and the utility of its ecological study for unique island biodiversity conservation
- SA11-041** Jacky Judas, P. Paillat, Y. Al Kharousi, O. Combreau / Ecology and conservation of the Arabian bustard in Yemen
- SA11-042** Jeroen Martjan Lammertink, W. C. Hunter, R. W. Rohrbaugh, K. V. Rosenberg / Search coverage for ivory-billed woodpecker (*Campephilus principalis*) in the southeastern U.S.A. during 2004-2009
- SA11-043** Isabella Brandão Lara, D.N. Lobato / Impacts of global warming on the health of house sparrow population (*Passer domesticus*) in urban environments
- SA11-044** Gustavo da Rosa Leal, M. A. Efe / Monitoring *Calidris canutus rufa* in southern Brazil, data from 2006 to 2009
- SA11-045** Jessica Grace Huiyi Lee, H. Finn, M. Calver / Post-mining vegetation provides feeding habitat for threatened black-cockatoos within six years
- SA11-046** Yonara Patrícia Prado Lobo, P. M. Costa, M. A. Marini / Artificial egg incubation as a management strategy of wild birds
- SA11-047** Ricardo Belmonte Lopes, M. R. Bornschein, B. L. Reinert / Distribution and habitat of an endangered Atlantic Forest endemic, the Kaempfer's tody-tyrant (*Hemitriccus kaempferi*) (Tyrannidae)
- SA11-048** G. Bazzano, J.L. Navarro, Monica Beatriz Martella / Behavioral responses of captive-born greater rheas reintroduced into the wild in central Argentina
- SA11-049** Claiton Martins-Ferreira, T. R. O. Freitas / Genetic diversity and population structure of the endangered yellow cardinal *Gubernatrix cristata* and implications to its conservation efforts.
- SA11-050** Thiago Filadelfo Miranda, M. Camandaroba Watson, V. L. Ferreira, N. M. R. Guedes, M. Cziulik, R. W. Watson / Breeding aspects of *Ramphastos toco* (Ave: Ramphastidae) in Pantanal wetlands, Midwest of Brazil
- SA11-051** Hiroshi Nakamura / Geographical isolation, genetic structure and conservation of Japanese rock ptarmigan
- SA11-052** Paula Fernanda Albonette de Nóbrega, J. B. Pinho, C. Duca / Minimum viable population of Mato Grosso antbird in the Pantanal of Poconé, Mato Grosso, Brazil
- SA11-053** Maria Flavia Conti Nunes, D. R. C. Buzzetti, A. L. Roos / Population status of birds in the Murici Ecological Station, Alagoas, Brazil
- SA11-054** Guilherme Tavares Nunes, J. S. Barreto, G. R. Leal, A. Mäder, D. D. Lopes, T. R. O. Freitas, G. P. Fernández / DNA-based sex identification of magellanic penguins (*Spheniscus magellanicus*) stranded on the coast of Rio Grande do Sul, Brazil: Preliminary results
- SA11-055** Torgeir Nygard, K. Bevanger, E. L. Dahl, Ø. Flagstad, A. Follestad, R. May, O. Reitan / Movements and risk assessments of juvenile white-tailed eagles (*Haliaeetus albicilla*) at Smøla wind-farm in Norway determined by satellite telemetry
- SA11-056** F. Beaudoin, M. Mermoz, A. Trejo, Valeria Ojeda / Habitat associations of the rufous-legged owl (*Strix rufipes*) in northern Andean Patagonia
- SA11-057** Tulio Dornas de Oliveira / Bananal Island Birds: species richness, endemism, threatened species and ornithological sample effort
- SA11-058** Adriana Ribeiro de Oliveira-Marques, C. Y. Miyaki / Population genetic structure of the red-and-green macaw (*Ara chloropterus*): implications for conservation
- SA11-059** Daniel Fernandes Perrella, M. A. S. Carvalho, M. Melo, J. L. Summa, Daniel Fernandes Perrella, C. M. Alleman, S. Namba, A. F. Almeida / Monitoring outcome of translocated birds in the São Paulo City Metropolitan Region
- SA11-060** Patrick Pinet, A. Dewaële, A. Pierre, B. Lequette, M. Salamolard, F. Jan, E. Buffard, P. Souharce, M. Le Corre / A predictive modelling approach to understand the breeding habitat of an endangered endemic tropical seabird: the Barau's petrel (*Pterodroma baraui*) at Réunion Island (Indian Ocean)
- SA11-061** Flavia Torres Presti, A. R. Oliveira-Marques, Y. M. Barros, P.A. Otto, C. Y. Miyaki / Genetic variability of Spix's (*Cyanopsitta spixii*) and Lear's macaws (*Anodorhynchus leari*): implications for their captive international breeding programs and their conservation
- SA11-062** Marco Antonio Rego, L. F. Silveira / The golden-spangled piculet *Picumnus exilis* (Picidae): a case of underestimated diversity and its effects in biogeography and conservation.
- SA11-063** Iván Llerandi-Román, T. H. White, J. M. Rios-Cruz, J. A. Cruz-Burgos, M. A. García / Survival and breeding productivity of captive-reared

Puerto Rican parrots released in the moist Karst region of northcentral Puerto Rico

**SA11-064** Sônia Aline Roda / Endemic and endangered birds of Pernambuco Centre – the critical situation to the biodiversity in Northeastern Brazil

**SA11-065** Silvio Fernando Castro Rosatti, F. A. Tedesco / Preliminary aspects of the installation of artificial nests for the conservation of *Ramphastos toco* and *Amazona aestiva* in the region of São Carlos – SP – Brazil

**SA11-066** Kenneth Rosenberg, P. J. Blancher, V. Rodriguez, C. Beardmore / Conservation vulnerability assessment of North American landbirds: Partners in flight tri-national vision

**SA11-067** Pedro Scherer Neto, N. M. R. Guedes / Population monitoring of hyacinth macaw, *Anodorhynchus hyacinthinus* (Psittacidae), in Pantanal of Barão de Melgaço, Mato Grosso, Brazil

**SA11-068** Terence Scott Sillett, J. A. Royle, S. A. Morrison / Reintroduction of island scrub-jays (*Aphelocoma insularis*) to Santa Rosa Island, California: an opportunity for proactive species management and the restoration of an insular ecosystem

**SA11-069** Francisca Helena Aguiar da Silva, F. D. Martins, V. Daufemback, Fl. M. M. Paim, T. M. Sanaiotti, B. B. Luz, A. G. Alves, F. R. P. Pimenta, L. D. Cabral / Conservation value of National Forests in the Amazon for harpy eagle (*Harpia harpyja*) in Brazil

**SA11-070** Grace Ferreira da Silva, A. Santos Jr., N. M. R. Guedes / Nests characteristics of hyacinth macaw (*Anodorhynchus hyacinthinus*) in the Pantanal of Barão de Melgaço, Mato Grosso, Brazil

**SA11-071** Elenise Angelotti Bastos Sipinski, S. Rocha, R. Meirelles, F. Valle / Monitoring and management of nests of the red-tailed parrot (*Amazona brasiliensis*) species in the state of Parana, in southern Brazil

**SA11-072** Elivan Arantes de Souza, F. M. G. Las-Casas, R. C. Rodrigues, F. P. Fonseca Neto / Avifauna from Boqueirão da Onça region, São Francisco River Basin, Bahia, Brazil

**SA11-073** Fernando Albertini Tedesco, S. F. C. Rosatti, J. P. S. Rosatti, J. V. S. Rosatti / Documented case of hybridization in nature, outside the original distribution area, of two species of psittaciforms: *Ara ararauna* x *Ara chloropterus*

**SA11-074** Mauricio Brandao Vecchi, M. A. S. Alves / Bird assemblage in a Brazilian Atlantic forest area based on mist-netting data: a comparison of elevated versus ground-level nets

**SA11-075** Markus Vetemaa / Bird bycatch in coastal gillnets in Estonian (NE Baltic Sea) waters

**SA11-076** Maria Cecilia Villanueva, B. Walker, M. Bertelotti / Seasonal variation in behavioral and physiological response in magellanic penguins

**SA11-077** Sandro Von Matter, A. Piratelli, F. Piña-Rodrigues / Seed dispersal effectiveness by birds on the palm *Euterpe edulis* in a highland Atlantic Forest of Brazil

**SA11-078** Thomas Charles Will, M. Escaño, K. Rosenberg / International collaboration to model and survey *Vermivora chrysoptera* during the non-breeding season

**SA11-079** P. Zielinski, J. Banbura / Distribution and present status of the black stork (*Ciconia nigra*) in central Poland

## **Session 2 (Thursday 26 & Friday 27; 14h30 – 16h30)**

### **SA02 Community and landscape ecology and conservation**

**SA02-001** P. G. Blendinger, Maria Eva Alvarez / Replacement of functionally equivalent species of *Turdus* and *Elaenia* in the seed disperser-*Podocarpus parlatorei* interaction

**SA02-002** Vania Soares Alves, A. B. A. Soares, G. S. Couto, J. Draghi / Birds of Guanabara Bay, Rio de Janeiro, Brazil

**SA02-003** Barbara Rocha Arakaki, L. Anjos, A. R. Souza, N. T. Soto, G. M.s Bochio, A. L. Boesing / On variations in numbers of frugivorous and omnivorous bird species in a fragmented landscape of the Brazilian Atlantic Rain Forest

**SA02-004** Laura M. Bellis, A. M. Pidgeon, P. C. A. Concepcion, L. Heil, V. C. Radeloff / Bird responses to landscape heterogeneity in highland mountain forests of central Argentina

**SA02-005** Olga Ruiz Betancourt, J.A. Balderrama / An evaluation of bird diversity and endemism in *Polylepis* forests in Cochabamba, Bolivia

**SA02-006** Heidi Björklund, P. Saurola / Conservation of birds of prey: are artificial nests of help?

**SA02-007** Pedro G Blendinger, M.G. Nuñez-Montellano, R.A. Ruggera, L. Macchi, E. Martín, M.E. Álvarez, O. Osinaga, R. Sánchez, P.V. Zelaya, J. Haedo / Temporal variation in a plant-seed disperser network in Subtropical Andean Montane forests

**SA02-008** Donald J. Brightsmith, A. Lee / Sodium versus toxin adsorption: what drives avian geophagy in South America?

- SA02-009** S. R. Posso, Fernanda Andrade Bueno, J. C. Morante Filho, E. S. Módena, E. R. C. Thompson, H. B. Mozerle, O. T. Dias, K. M. Campião, W. Vincentin, K. R. I. Vieira / Avian composition in two habitats of the Southern Pantanal, Miranda-Abobral region, Mato Grosso do Sul, Brazil
- SA02-010** Jeferson Bugoni, A. M. Rui / Hummingbird diversity in southern Brazil: temporal changes and habitat use
- SA02-011** Marco Aurélio da Silva, M. Anciaes, B. H. G. Carvalho, L. M. P. Henriques / Birds associated with water and riverine habitats from Balbina lake 20 years later: an evaluation of Willis and Oniki's predictions
- SA02-012** Marconi Campos Cerqueira, C. F. Vargas, C. E. Nader, G. Ferraz / An efficient strategy for sampling birds in the Amazon: an experience with Portable Autonomous Recording Devices
- SA02-013** Lais Araújo Coelho, T. M. Sanaiotti / Understory avifauna response to fire suppression in an Amazonian savanna
- SA02-014** Sergio Cordoba Cordoba, M. A. Echeverry-Galvis / Structure and diversity of bird communities in a protected Andean oak forest – Cordillera Oriental, Colombia.
- SA02-015** María Gabriela Corral, G. J. Fernández / Bird-vegetation relationships in a highly transformed habitat: the Pampas grassland
- SA02-016** Leandro Corrêa, J. E. Persegona, J. J. Roper / Capture-recapture analysis of a hummingbird community in the Atlantic Forest of southern Brazil
- SA02-017** Julio Cesar Canales Delgadillo, L. Scott-Morales, M. Cotera-Correa / Using ecological niche models (enm's) to evaluate the potential distribution of the Worthen's sparrow
- SA02-018** Samson Andrew Daan, U Ottoson, S.A. Manu, G.S.Mwansat / Effects of fire on avifaunal diversity and abundance in a Sudan Savannah habitat in the Yankari Game Reserve, East-central Nigeria
- SA02-019** Rafael Antunes Dias, V. A. G. Bastazini, M. S. S. Gonçalves, F. C. Bonow / Impact of eucalyptus afforestation in grasslands of southern Brazil: lessons from bird assemblages
- SA02-020** Renata Durães, J. Karubian, L. Carrasco, A. Cook, E. Wianko, T. B. Smith / Avian diversity and survival in relation to habitat quality in a rainforest mosaic
- SA02-021** Alberto Esquivel Mattos, S. J. Peris / Structure and organization of an Atlantic Forest bird community in Paraguay
- SA02-022** Luciana Festti, A. L. M. Gomes, R. Krul / The Intertidal birds in the Estuarine Complex of Paranaguá, Paraná State - Brazil
- SA02-023** Alejandro Javier Gatto, P. Yorio, M.S. Doldan, L. Villanueva Gomila, K. Cabral / Foraging areas of Cayenne, royal and South American terns breeding in northern Patagonia, Argentina
- SA02-024** Andros Tarouco Gianuca, D. Gianuca, D. D. Saraiva, V. A. G. Bastazini, R. A. Dias / Spatial distribution of birds across a gradient of coastal environments in southern Brazil
- SA02-025** Andrea Paula Goijman, M. Conroy, J. J. Thompson, M. E. Zaccagnini / Vegetated field borders as habitat for insectivorous birds and the effects of pesticides along soybean cycle in Entre Ríos, Argentina
- SA02-026** Ana Luíza Mendes Gomes, L. Festti, R. Krul / Birds associated to the aquatic habitat in the Estuarine Complex of Paranaguá
- SA02-027** Larissa Oliveira Gonçalves, J. K. F. Mahler Junior, L. Anjos, S. M. Hartz / Composition and abundance of bird species in different sizes of Araucaria forest patches in southern Brazil
- SA02-028** Marco Antonio Monteiro Granzinoli, J. C. Motta-Junior / Habitat selection by a raptor assemblage in southeast Brazil: biofuels deserve the green energy label?
- SA02-029** M. X. Jordani, Erica Hasui, V. X. Silva / Indirect effect of forest remnants on natural pest control service for agricultural landscape: evidence from artificial prey
- SA02-030** José Hidasi Neto, M. Cianciaruso / Effects of wildfires on Amazonian avifauna functional diversity
- SA02-031** Jörg Hoffmann, J. Kiesel / Calculation of farmland bird populations on the basis of abundance and landscape systematization
- SA02-032** Kayoko Kameda, S. Hobara, A. Ishida / Long-term effects of the nutrient supply of the great cormorant (*Phalacrocorax carbo*) on nutrient dynamics in a forest soil
- SA02-033** Thiago Orsi Laranjeiras, C. B. Andretti, C. Bechtoldt, M. C. Cerqueira, T. V. V. Costa, G. R. Lima, L. N. Naka, A. M. F. Pacheco, M. A. Santos Jr., C. H. Sardelli, M. F. Torres, C. F. Vargas, M. Cohn-Haft / High bird richness in Viruá National Park, Roraima, Brazil
- SA02-034** Luciano Moreira Lima, B. C. Rennó R. Soares, S. Siciliano / Wrecked seabirds found on the coast of Rio de Janeiro, Brazil: results of a year-long monitoring survey
- SA02-035** André de Mendonça Lima, L. S. Duarte, S. M. Hartz / Birds in silviculture systems of the southern Brazil: composition, richness and assemblage structure
- SA02-036** Ricardo Faustino de Lima, J. Barlow, M. Dallimer, P. W. Atkinson / Land-use changes and biodiversity on an endemism rich island
- SA02-037** Ruey-Shing Lin, Y.-H. Chen, C.-J. Ko, W.-J. Chen, P.-F. Lee / A spatial model for selection of habitat restoration sites for fairy pitta (*Pitta*

*nympha*) after the construction of Hushan Reservoir in western Taiwan

**SA02-038** Edson Varga Lopes, L. Anjos, L. B. Mendonça, G. M. L. Iborra / Bird sensitivity to forest fragmentation in the upper Paraná River, Brazil

**SA02-039** Vitor de Oliveira Lunardi, R.H.F. Macedo, J.M. Palmeirim, J.P. Granadeiro / Seasonal variation in abundance and habitat use of foraging shorebirds in Baía de Todos os Santos, northeastern Brazil

**SA02-040** Daniela Tomasio Apolinario da Luz, E. R. Alexandrino, K. M. P. M. B. Ferraz, H. T. Z. Couto / Distribution of birds on an agricultural mosaic: ecological niche modelling as a predictive tool

**SA02-041** Jan Karel Felix Mahler Junior, L. O. Gonçalves, L. Anjos, S.M. Hartz / Bird communities in lowland Atlantic forest fragments in Rio Grande do Sul and Santa Catarina States, Brazil

**SA02-042** Marco Antônio Manhães, A. Loures-Ribeiro / Species richness and diversity of understory birds in Atlantic forest remnants of Minas Gerais State, Brazil

**SA02-043** Juan Esteban Martínez Gómez, A. Flores-Palacios, C. Díaz-Castelazo, V. Rico-Gray / Network analyses of bird and plant assemblages of Socorro Island as a tool to evaluate the impact of an introduced herbivore, explore community resilience and prevent extinctions

**SA02-044** Ailsa J McKenzie, M. J. Whittingham / Why are birds and other taxa more abundant on organic farms? A meta-analysis

**SA02-045** Cristiane Honora Millán, A. P. R. Pinto, L M. Verdade, W. R. Silva / Avian diversity in an exotic eucalyptus tree plantation: effects of proximity to native forest.

**SA02-046** José Carlos Morante Filho, S. R. Posso, F. A. Bueno, E. S. Módena, E. R. C. Thompson, H. B. Mozerle, O. T. Dias, K. M. Campião, W. Vincentin, K. R. I. Vieira / Comparison between point-count and transect bird census techniques in the Southern Pantanal, Mato Grosso do Sul, Brazil

**SA02-047** Jose Carlos Motta-Junior, M.A.M. Granzinolli / Bird species richness, similarity and turnover in the Cerrado Region: are non core areas irrelevant?

**SA02-048** Stermin Alexandru Nicolae, A. David, I. Coroiu / Distribution and conservation status of birds of prey (Falconiformes) in Fizes Basin (NW Romania)

**SA02-049** Rosângela Célia Ribeiro de Oliveira, F. P. Campos, F. R. Campos, J. W. V. Vellardi / Protection of seabird colonies in São Paulo State, Brazil: establishing new Marine Protected Areas

**SA02-050** Michel Aguiar Passos, A Tamborim, L. Ishikawa-Ferreira / Richness and frequency of bird

communities of the wetland of Santa Genebra Reserve, Campinas, SP

**SA02-051** Hannes Pehlak, H. Luhamaa / Restoration and management of Baltic coastal meadows for birds

**SA02-052** Raissa Sarmiento Pereira, A. Ayub, C. Alves-Costa, M. A. R. Mello / Modularity of a seed dispersal network formed by bats and birds

**SA02-053** Augusto Piratelli, E.M. Gouvêa, E. Gouvêa / Vertical zonation and community structure in an altitudinal gradient in the region of Itatiaia National Park, Southeastern Brazil.

**SA02-054** Camila Crispim de Oliveira Ramos, L. Anjos / Importance of connectivity for the conservation of birds

**SA02-055** L. A. M. Mestre, A. L. Roos, Juliana Rechetelo, E. Mariano, A. Amaral / Abundance of terrestrial endemic birds of Fernando de Noronha Archipelago (Brazil)

**SA02-056** Henrique Bastos Rajão Reis, R. C. Silva / Habitat use of four sympatric species of *Dryophila* antbirds

**SA02-057** Matheus Gonçalves dos Reis, C.Z. Fieker; M.M. Dias / Fire influence on the structure of bird mixed-species flocks in a grassland physiognomy of Cerrado

**SA02-058** Terrell D. Rich / Funding Bird Conservation projects through the Neotropical Migratory Bird Conservation Act

**SA02-059** Francisco Alberto Rivera-Ortiz, M. del C. Arizmendi, K. Oyama, S. Solórzano / Habitat characterization of the military macaw (*Ara militaris*), in México

**SA02-060** Nicholas L Rodenhouse, S.J.K. Frey, R. T. Holmes, M. G. Betts, T. S. Sillett / Bird responses to food abundance across an elevation gradient: implications for climate change

**SA02-061** Elinete Batista Rodrigues, M. S. Faccio, L. E. Araújo-Silva, M. F. C. Lima, A. Aleixo / Effects of forestry management on the composition and abundance of understory bird communities in the

**SA02-062** Román Alberto Ruggera, P. G. Blendinger / Spatiotemporal variation in diet-niche overlap of frugivorous birds in a subtropical montane forest

**SA02-063** Thomas B. Ryder, R. Rietsma, B. Evans, P. P. Marra / Quantifying avian nest survival along an urbanization gradient using citizen and scientist generated data

**SA02-064** José Antônio Fazio Sanabria, D. Danilewicz, M. Borges-Martins / Bird diversity in a coastal area in Rio Grande do Sul, southern Brazil

**SA02-065** Virginia Sanz, S. B. G. Ferrara / Identification of stopover places for Charadriidae and

Scolopacidae and temporal fluctuations of abundance in the coast of Venezuela

**SA02-066** Fabio Schunck, L. F. Silveira / Altitudinal distribution of birds in Serra do Mar state park, São Paulo, Brazil

**SA02-067** Laura Magdalena Scott Morales, P. Vela, J. Canales-Delgado, M. Cotera-Correa, J. Korb / Patchy distribution and habitat occupancy of Worthen's sparrow (*Spizella wortheni*) in the Mexican Plateau

**SA02-068** Marco Aurélio da Silva, B. H. G. Carvalho, M. Anciães, L. M. P. Henriques / Effects of insularization on the occurrence of understory frugivorous, omnivorous and insectivorous trunk and soil birds in the Central Amazon

**SA02-069** Davi Castro Tavares, L. Lima, S. Siciliano / A year long survey for aquatic birds in a coastal lagoon at northern Rio de Janeiro, Brazil

**SA02-070** T. Tende, Ulf Ottosson / Seasonal variation in bird species composition and abundance in a Sudan Savannah biome

**SA02-071** Moez Touihri, M-A. Villard, F. Charfi / Forest bird response to naturalness in Mediterranean forest ecosystems: structure or floristics?

## SA08 Physiology, and cell and molecular biology

**SA08-001** Jerzy Banbura, B. Marciniak, J. Nadolski, B. Loga, P. Zielinski / Haemoglobin concentration of nestling blue tits (*Cyanistes caeruleus*) and great tits (*Parus major*) in relation to variation in food availability

**SA08-002** Sanjay Kumar Bhardwaj, D. K. Sharma / Analysis of the sensitivity of the photoperiodic response system in a subtropical starling species, the brahmīny myna, *Sturnus pagodarum*

**SA08-003** Puja Budki, S. Rani / Endogenous periodicity in gonadal cycle and associated responses in the spotted munia (*Lonchura punctulata*) held under constant illumination

**SA08-004** M. F. Dominchin, D. A. Guzmán, R. H. Marín, Juan Manuel Busso / Photoperiod-induced changes in cloacal gland development in male Japanese quail classified at 11 days of age according to their preference to remain in close proximity to conspecifics

**SA08-005** Asha Chandola, K. Negi, A. Kathait, A. Farswan, D. Kumar / Ecophysiology of circannual clock in birds

**SA08-006** Flávia Guimarães Chaves, D. M. Nogueira, M. A. S. Alves / DNA extraction from feathers and egg shell of the Restinga antwren (Passeriformes: Thamnophilidae), applied to sex determination

**SA08-007** Scott Davies, N. Rodriguez, K. L. Sweazea, P. Deviche / The influence of acute stress

**SA02-072** Ana Laura Ronchi Virgolini, R. E. Lorenzon, A. Beltzer, M. A. Quiroga, M. P. Ducommun, J. G. Blake / Bird assemblages in two types of forests in the floodplain of the Lower Parana River (Argentina)

**SA02-073** Rômulo Silveira Vitória, L. F. Minello, L. F. Macias / Frugivory by birds on *Trema micrantha* (L.) Blume (Ulmaceae) in southern Brazil

**SA02-074** Grazielle Hernandez Volpato, V. M. Prado, L. Anjos / Bird communities in natural and planted forests from Southern Brazil

**SA02-075** Maria von Post, O. Olsson, M. Stjernman, H. G. Smith / Is agricultural intensification leading to a spatial separation of resources for the declining house sparrow in southern Sweden?

**SA02-076** Felipe Zilio, M. Borges-Martins, L. Verrastro-Vinas / Raptors diversity in grassland landscapes in southern Brazil and Uruguay

**SA02-077** Gabriel Jaime Colorado Zuluaga, A. D. Rodewald / Effects of forest degradation and fragmentation on Neotropical-Nearctic migrants in the Andes

on glucose and protein utilization of a desert songbird

**SA08-008** Bobby Fokidis, P. Deviche / Stress and energy: Corticosterone and body condition interact to facilitate urban colonization by a desert bird

**SA08-009** Diego Gil, R. Culver / Male ornament size predicts the inhibitory effect of testosterone on macrophage phagocytosis in the spotless starling (*Sturnus unicolor*)

**SA08-010** Caragh Heenan / The thermal properties of birds nests

**SA08-011** Matthias Helb, R. Prinzinger / Heart rate, body temperature and metabolism in the wood pigeon (*Columba palumbus*) and the common buzzard (*Buteo buteo*)

**SA08-012** Bethany Jane Hoye, W. A. Buttemer / Cost of moult and its timing in the annual cycle: Insights from an opportunistic breeding arid-zone species

**SA08-013** Laura Leilani Hurley, P. Deviche / Population differences in reproductive biology of free-living Cassin's sparrows, *Aimophilla cassinii*

**SA08-014** Catherine Linda Jones, R. Brandstaetter / Avian circadian biology: Hypothalamic input and output mechanisms

**SA08-015** Adam Zoltan Lendvai, O. Chastel / Natural variation in stress response influences post-stress parental effort in male house sparrows

**SA08-016** Diego Montalti, M. C. Chiale / Physiological and biochemical aspects of the avian uropygial gland

**SA08-017** Elin Noreen, S. Bourgeon, C. Bech / Age- and sex-specific immunological status in the zebra finch (*Taeniopygia guttata*)

**SA08-018** Christopher Olson / Molecular control of retinoid signaling in the avian song system

**SA08-019** Maite Lisanne Punter, A. Hegemann, B. I. Tieleman / How the immune function during breeding relates to annual survival in birds

**SA08-020** S. J. Schoech, Michelle Rensel / Glucocorticoid stress physiology: repeatability and relationship to fitness in the Florida scrub-jay

**SA08-021** Elin Sild, T. Sepp, I. Krams, P. Hörak / Effects of captivity on hematological condition indices in greenfinches

**SA08-022** Sudhi Singh, S. Rani, V. Kumar / Role of pineal in regulation of circadian activity in migratory blackheaded bunting (*Emberiza melanocephala*) and non-migratory Indian weaver bird (*Ploceus philippinus*)

**SA08-023** Magdalene Trzcionka, A. J. Hulbert, W. A. Buttemer / Can the oxidative stress theory of aging explain differences in longevity between galliformes and psittaciformes?

**SA08-024** Brian G. Walker, M. C. Villanueva / Long or short histories of tourism visitation differentially affects hormonal but not behavioral response to visitation in magellanic penguins

## SA09 Population and individual ecology

**SA09-001** Ingrid Barcelo, F. Chavez-Ramirez / Influence of food and predator abundance on stress levels of sandhill cranes wintering in Northern Mexico

**SA09-002** Yahkat Barshep, U. Ottosson, J. Waldenström, M. Hulme / Non-breeding biology of the whinchat, *Saxicola rubetra*, in Nigeria

**SA09-003** Peter H. Becker / Relaying in common terns: Consequences for fitness and demography

**SA09-004** Igor Berkunsky, J. C. Reboreda / Reproductive success of blue-fronted parrot (*Amazona aestiva*) in the Chaco region of Argentina

**SA09-005** Bianca Bernardon, P. F. A. Nóbrega, J. B. Pinho / Habitat use and temporal distribution of Mato Grosso antbird (*Cercomacra melanaria*) in the Pantanal of Poconé, Mato Grosso, Brazil

**SA09-006** Raoul K Boughton, S. J. Schoech, E. S. Bridge, M. S. Pruett, J. W. Fitzpatrick, R. Bowman / Environmental drivers of laying date in Florida scrub-jays (*Aphelocoma coerulescens*)

**SA09-007** Claudia Burger, E. Belskii, T. Eeva, T. Laaksonen, M. Mägi, R. Mänd, A. Qvarnström, T. Slagsvold, T. Veen, C. Wiley, J. Wright, C. Both / Climate change, timing of breeding and nestling diet: An analysis of seasonal and geographic variation of diets and its fitness consequences in pied flycatchers (*Ficedula hypoleuca*)

**SA09-008** Chris Butler, J. Stinedurf, J. Kelly / Migratory ecology of yellow rails (*Coturnicops noveboracensis*) in Oklahoma

**SA09-009** Carlos Ernesto Candia-Gallardo / Habitat selection by the critically endangered cone-billed tanager (*Conothraupis mesoleuca*)

**SA09-010** Viviane Lorenzi Carniel, R. Krul / Evaluation of variations in egg size and egg weight related to fisheries discards during three breeding seasons of kelp gulls (*Larus dominicanus*) in the archipelago of Currais, Parana State, Brazil

**SA09-011** Chang-Yong Choi, H.-Y. Nam, W.-S. Lee / Asymmetric competition between Chinese sparrowhawks (*Accipiter soloensis*) and egrets in rice paddies

**SA09-012** Robert G. Clark, L. I. Wassenaar, R. D. Dawson, J. L. Greenwood / Effects of nest environment on stable isotope composition of blood and feathers in tree swallows (*Tachycineta bicolor*) and American kestrels (*Falco sparverius*)

**SA09-013** Lilian Mariana Costa, G. H. S. Freitas, M. Rodrigues / The cipo canastero *Asthenes luizae* nest on endemic plant species of Espinhaço Range

**SA09-014** Victor R. Cueto, M. C. Sagario, J. Lopez de Casenave, E. Herwig E / Movement patterns of granivorous birds in relation to seed abundance in the central Monte desert, Argentina

**SA09-015** Svein Dale, Ø. Steifetten / The rise and fall of local populations of ortolan buntings: importance of movements of adult males

**SA09-016** Olivier Duriez, E. N. S. Bruno, R. Pradel, R. Choquet, M. Klaassen / Temporal and spatial connectivity in the partially migratory oystercatcher: carry-over effects of habitat quality and weather conditions as evidenced by seasonal survival

**SA09-017** Bruno J. Ens, C. Rappoldt / An engineering model approach to assessing the cumulative impact of human activities on wintering shorebirds: do we need variation between individuals?

**SA09-018** Victor Marcelo Fernandes, M. A. S. Alves, W. Stelling / Haemoparasitism in *Turdus albicollis* (Muscicapidae) and *Trichothraupis melanops* (Thraupidae) in Atlantic forest at Ilha Grande, RJ, Brazil

**SA09-019** Ismael Franz, C. S. Fontana / First data on the breeding biology of the tawny-bellied

seed-eater (*Sporophila hypoxantha*) in south Brazilian high altitude grasslands

**SA09-020** Guilherme Henrique Silva de Freitas, M. Rodrigues / Home range of a mountaintop endemic of eastern Brazil pale-throated serra-finch (*Embernagra longicauda*)

**SA09-021** Jan Ove Gjershaug, H. Brøset, H. Jære / Predation threat by golden eagle (*Aquila chrysaetos*) restrict the breeding distribution of rough-legged buzzard (*Buteo lagopus*)

**SA09-022** Mariana Lopes Gonçalves, C. E. Rovedder, M. Repenning, I. Franz, G. de la Torre, C. S. Fontana / Breeding biology and conservation of the bearded tachuri (*Polystictus pectoralis*) and sharp-tailed tyrant (*Culicivora caudacuta*) in high-altitude wet and grasslands in southern Brazil

**SA09-023** Daniel Tourem Gressler, M. A. Marini / Factors influencing nest survival rates in the stripe-tailed yellow-finch (*Sicalis citrina*) breeding in old mining pits

**SA09-024** Vanessa Brooke Harriman, R. Dawson, R. Clark, G. Fairhurst, G. Bortolotti / Seasonal effects of nest parasites on nestling tree swallows (*Tachycineta bicolor*)

**SA09-025** Mohamed Zakaria Hussin / Resiliency of understory insectivorous birds to edge effect in a fragmented Tropical Rainforest

**SA09-026** Fernando Pereira Jacobs, J. Vizentin-Bugoni, M. A. A. Coimbra, R. A. Dias / Breeding biology of the marsh seed-eater (*Sporophila palustris*) in southern Brazil

**SA09-027** Mieko Ferreira Kanegae, G. Levy, S. R. Freitas, J. C. Motta-Junior / Habitat selection by collared crescentchest (*Melanopareia torquata*, Melanopareidae), sharp-tailed tyrant (*Culicivora caudacuta*) and cock-tailed tyrant (*Alectrurus tricolor*) (Tyrannidae) in Estação Ecológica de Itirapina, state of São Paulo, Brazil

**SA09-028** Richard Benjamin Lanctot, S. Brown, B. K. Sandercock / Arctic shorebird demographic network: Understanding the mechanisms behind shorebird declines

**SA09-029** Woo Shin Lee, C.-Y. Choi, H.-Y. Nam / Territory size and breeding density of Chinese sparrowhawks (*Accipiter soloensis*) in Korea

**SA09-030** Shin Matsui, K. Murata, Y. Tsuda, Y. Sato, Y. Tsuchiya, M. Takagi / Avian malaria infection in nestlings of the bull-headed shrike (*Lanius bucephalus*): effects of mosquito abundance and brooding behavior

**SA09-031** Amanda Quina Navegantes, S. F. Bruno, M. B. Vecchi, R. A. C. Bessa, A. R. Martins / Habitat selection of the Restinga antwren, *Formicivora littoralis* (Thamnophilidae) in a coastal fragment of Rio de Janeiro State, Southeastern Brazil

**SA09-032** Jeroen Onrust, R. A. Bom, W. Bouten, B. J. Ens, K. H. Oosterbeek / Analysing the feeding trips of breeding oystercatchers (*Haematopus ostralegus*) leaving their territory using newly developed GPS-loggers

**SA09-033** Maria Elisa Parra Ordóñez, M. del C. Arizmendi / Effect of the floral neighborhood and foraging strategy on the breeding success of two species of *Salvia* in western Mexico

**SA09-034** Zelia da Paz Pereira, M. A. Marini / The effect of arthropod and fruit abundance on breeding parameters of a Neotropical savanna tanager (*Neothraupis fasciata*)

**SA09-035** Juliana Rechetelo, R. Krul, E. Monteiro-Filho / Breeding biology of yellow-crowned night heron, *Nyctanassa violacea*, at a mangrove area in south of Brazil

**SA09-036** Silas James Reynolds, G. R. Martin, J. A. Smith, S. L. Webber, T. J. E. Harrison / Does supplementary feeding enhance the breeding performance of birds? Lessons from a protracted study in the UK

**SA09-037** Caroline Rhymer, C. Devereux, R. Robinson, M. J. Whittingham / The effect of changes in soil moisture on the reproductive success of the starling (*Sturnus vulgaris*)

**SA09-038** Jose Luis Rivera Parra, H. Vargas, P. Parker / Galapagos Hawk: Survivorship modelling

**SA09-039** Mia Tiina Hannele Rönkä, S. Heinänen, M. von Numers / Modelling the occurrence and abundance of a colonial species, the Arctic tern (*Sterna paradisaea*) on the Finnish coast

**SA09-040** L. Mestre, A. Amaral, E. Mariano, J. Rechetelo, Andrei Roos / Estimating population size of *Phaeton lepturus* in Fernando de Noronha Archipelago (Northeast Brazil)

**SA09-041** Cristiano Eidt Rovedder, C. S. Fontana / Breeding biology of black-bellied seed-eater (*Sporophila melanogaster*) in south of Planalto Meridional Brasileiro

**SA09-042** Pertti Saurola, C. M. Francis / Age of first breeding and population dynamics in tawny (*Strix aluco*) and Ural owls (*Strix uralensis*) in Finland

**SA09-043** Thomas S. Schulenberg / Neotropical Birds Online: A new, comprehensive resource for information on the birds of Central and South America and of the Caribbean

**SA09-044** Saiko Shiraki, K. Ueda, Y. Kikkawa, I. Nishiumi / Ecological and genetical characteristics of Eurasian skylark populations at mountain habitats in Japan

**SA09-045** Carlos Alberto Soberanes Gonzalez, C. I. Rodriguez Flores, A. M. Contreras Gonzalez, F. A. Rivera Ortíz, E. E. Iñigo Elias, M. del C. Arizmendi / The military macaw at the Biosphere Reserve of



Tehuacán-Cuicatlán: A medium-term study in Mexico

**SA09-046** Livia Dias Cavalcante de Souza, E. R. Nascimento, M. L. Barreto, M. T. O. Silva / Mycoplasma as a limiting factor in the recovery of magellanic penguins, *Spheniscus magellanicus* (Forster, 1870)

**SA09-047** M. Borowiec, Tadeusz Stawarczyk / Do slate-throated whistler *Myioborus miniatus* and spectacled whistler *M. melanocephalus* compete in sympatric zone?

**SA09-048** Per Gustav Thingstad / Climatic influences on the Norwegian willow warbler *Phylloscopus trochilus* population

**SA09-049** Masahiro Toyama, T. Saitoh / Differences in nest cavity selection between sympatric populations of similar sized scops owl species (*Otus elegans* and *Otus semitorques*)

## SA10 Population genetics and phylogeography

**SA10-001** Jacinta Abalaka, B. Hansson, M. Ljungqvist / Genetic diversity of four rock firefinch (*Lagonosticta sanguinodorsalis*) subpopulations on the Jos Plateau, central Nigeria

**SA10-002** Hideaki Abe, K. Kinoshita, M. Mizutani, A. Nakamura, K. Nagao, H. Hayakawa, K. Nirasawa, S. Ito, M. Inoue-Murayama / VNTR polymorphism in serotonin transporter gene detected in birds and its relation to behavioral traits

**SA10-003** Cristiane Colares Damasceno de Araujo, I. C. A. Seligmann, P. O'Brien, M. A. F. Smith, E. H. C. de Oliveira / Chromosome homology between the scarlet ibis (*Eudocimus ruber*) and the domestic chicken (*Gallus gallus*)

**SA10-004** Henrique Batalha Filho, C. Y. Miyaki / Molecular systematics of the complex *Synallaxis ruficapilla*/*S. whitneyi* (Passeriformes, Furnariidae): a possible contact zone revealed

**SA10-005** Michael Peter Braun, M. Wink / Molecular phylogeny of parrots (Psittaciformes)

**SA10-006** Julio Cesar Canales Delgadillo, L. Scott-Morales, J. Korb / Population structure and gene flow of an endemic and endangered bird species, the Worthen's sparrow (*Spizella wortheni*), in a fragmented Mexican landscape

**SA10-007** R. S. Rezende, L. C. F. Silva, M. P. C. Telles, Renato Caparroz / Microsatellite loci amplification in four species of Neotropical passerines using heterologous primers: developing tools for reintroduction of illegal captured birds

**SA10-008** Anderson Vieira Chaves, M. F. Vasconcelos, A. C. Nascimento, F. R. Santos / Phylogeographic patterns and genetic diversity of

**SA09-050** Ülo Väli, G. Sein / How much does weather influence the breeding of golden eagle (*Aquila crysaetos*) and lesser spotted eagle (*Aquila pomarina*) populations in the lowlands of northeastern Europe? An example from Estonia

**SA09-051** Bianca Pinto Vieira, D. Dias / Study of birds occupying mangrove in formation

**SA09-052** Wieslaw Walankiewicz, D. Czeszczewik / Why birds outnumbered mammals in cavities of the primeval stands of the Bialowieza Forest?

**SA09-053** Simone Webber, J. A. Smith, K. Brulez, G. R. Martin, S. J. Reynolds / The balance of provisioning effort: Do increased food resources affect the contribution of parents during brood rearing?

**SA09-054** Matthew James Wood, S. C. L. Knowles, B. C. Sheldon / Natal environment and host dispersal as drivers of avian malaria infection in a wild bird population

*Polystictus superciliaris* (Passeriformes: Tyrannidae) in Minas Gerais State

**SA10-009** Gisele Pires de Mendonça Dantas, V.S. Almeida, F.A. Santos, E.L. Durigon, J. Araujo, J.S. Morgante, L.R. Oliveira / Genetic variability of Papua and Adélie penguins in Antarctic Peninsula, King George Island

**SA10-010** Matthew Dufort, F. K. Barker / Patterns of genetic differentiation in phenotypically divergent populations of red-winged blackbird (*Agelaius phoeniceus*)

**SA10-011** Alexandre Mendes Fernandes, J. Gonzalez, M. Wink, A. Aleixo / Morphological and molecular data confirm cryptic endemism of the wedge-billed woodcreeper (*Glyphorhynchus spirurus*) in the Madeira River basin, Amazonia, Brazil

**SA10-012** Anita Gamauf, B. Däubel, A. Kryukov, W. Pinski, E. Haring / Phylogeography and synchronous diversification of the *Corvus* corvids of the world

**SA10-013** A. Arnaiz-Villena, V. Ruiz-del-Valle, C. Parga-Lozano, D. Rey, C. Areces, Pablo Gomez-Prieto / Estrildinae Finches (Aves, Passeriformes) from Africa, South Asia and Australia: a molecular phylogeographic study

**SA10-014** Juan Carlos Illera / Age and origins of the avifauna of Macaronesia: a synthesis of phylogenetic and fossil information

**SA10-015** Nicolai S. Kovilov, I. M. Marova, I. Vladimir, V. N. Alekseev / New data on the interrelations between western (*Phylloscopus trochiloides viridanus*) and eastern (*Ph. tr. plumbeitarsus*) Greenish Warbler in the south of Siberia

**SA10-016** Ricardo Jorge Lopes, R. S. Ceia, R. H. Heleno, J. A. Ramos / Genetic diversity of the Azores Bullfinch *Pyrrhula murina*

**SA10-017** Ivan Anuar López López, B. E. Hernández-Baños / Phylogeography of *Sittasomus griseicapillus* (Aves: Furnariidae)

**SA10-018** Jacob MacLennan Musser, R.O. Prum, F. K. Barker / Detecting patterns and intensity of sexual selection in lekking manakins (Pipridae) with population genetics

**SA10-019** Denise Monnerat Nogueira, E. C. Reis, S. F. Bruno, R. Bessa / Noninvasive tissue sampling for genetic analysis in *Mergus octosetaceus*: a critically endangered bird species from Brazil

**SA10-020** S. Pentzold, C. Tritesch, Martin Paeckert / Molecular and bioacoustic differentiation among European coal tit (*Periparus ater*) populations

**SA10-021** Swati Patel, J. D. Weckstein, J. M. Bates, A. Aleixo / Genetic structure in the *Pteroglossus azara* (Ramphastidae) species complex across the Japurá river in northwestern Amazonia

**SA10-022** Tiago da Silva Ribeiro, H. Batalha Filho, C. Y. Miyaki / Demographic history and phylogeography of *Chiroxiphia caudata* (Pipridae: Aves)

**SA10-023** Takema Saitoh, S. Someya, S. Kobayashi, Y. Iwami, S. Asai, I. Nishiumi / Diverse patterns of bird speciation in the Japanese archipelago suggested by DNA barcodes

**SA10-024** I. M. Marova, V. V. Fedorov, Daria A. Shipilina, V. V. Ivanitskii / Acoustic and genetical differentiation in a wide zone of hybridization

between siberian and east-european chiffchaffs (*Phylloscopus [collybita] tristis*, *Ph.c.abietinus*)

**SA10-025** Emmanuel Moralez da Silva, E. B. Campanini, S. N. Del Lama / Genetics of Brazilian populations of cattle egret, *Bubulcus ibis*

**SA10-026** Andiará Silos Moraes de Castro e Souza, S. N. Del Lama / Genetic variability estimated by heterologous amplification of microsatellite loci in a Brazilian population of white-faced ibis (*Plegadis chihi*)

**SA10-027** Marcella Mergulhão Tagliarini, P. O'Brien, M. A. F. Smith, E. H. C. de Oliveira / Characterization of the karyotype of *Heterospizias meridionalis* (Falconiformes, Accipitridae) by classical and molecular cytogenetics

**SA10-028** Ülo Väli / Genetic differentiation between and within the greater (*Aquila clanga*) and the lesser spotted eagle (*A. pomarina*)

**SA10-029** Hernan Vazquez-Miranda, A. G. Navarro Sigüenza / Comparative bird phylogeography of the Tres Marias islands, Mexico

**SA10-030** Y. Qu, X. Luo, R. Zhang, F. Lei / Demographic history of an endemic species, Elliot's laughing thrush (*Garrulax elliotii*) revealed the complexity evolution history of the Hengduan mountains

**SA10-031** Luz Estela Zamudio Beltán, B. E. Hernández-Baños, J. Klicka / Phylogeny and variation within the complex *Hylocharis leucotis* (Aves: Trochilidae) using mitochondrial (ND2, ND4) and nuclear (AK1) fragments of DNA

## SA12 Systematics, biogeography and paleontology

**SA12-001** Alexandre Aleixo, C. Ribas, P. S. Rêgo, T. C. T. Burlamaqui, F. M. D'Horta, J. Weckstein, E. Gonçalves, M. Vallinoto, I. Barbosa, L. Carneiro, E. Portes, E. Rodrigues, J. Bates, J. Cracraft, I. Sampaio, H. Schneider, P. Schneider / Spatial consistencies and temporal inconsistencies in Amazonian biogeography as revealed by comparative phylogeographic data on 21 lineages of birds

**SA12-002** Ana Galvão Cesar Correia de Araujo, L. A. P. Gonzaga / Phylogenetic relationships of the wing-banded antbird *Myrmornis torquata* to the tracheophone families based on comparative morphology (Passeriformes: Furnarioidea)

**SA12-003** Ivan Barbosa, A. Aleixo, P. S. Rêgo, I. Sampaio, H. Schneider / Comparative molecular and vocal variation among Cis-Andean taxa of the long-tailed woodcreeper *Deconychura longicauda* (Dendrocolaptidae)

**SA12-004** Romina do Socorro da Silva Batista, A. Aleixo, P. S. Rêgo, L. Azevedo, M. Vallinoto, I. Sampaio, H. Schneider / Multi-character taxonomic

review of the Amazonian barred woodcreeper *Dendrocolaptes certhia* (Dendrocolaptidae).

**SA12-005** Catherine L. Bechtoldt / Local-scale environmental niche variation in central Amazonian birds

**SA12-006** Michele Santa Catarina Brodt, F. Della Flora, B. Peres, D. B. Pathek, M. Vergara / Historical biogeography and irradiation (distribution) of Neotropical parrots (genus *Amazona*)

**SA12-007** Tiberio Burlamaqui, E. C. Gonçalves, M. P. C. Schneider, A. Aleixo / Molecular phylogenetics and chronology of an Amazonian endemic diversification: the genus *Phlegopsis* (Thamnophilidae)

**SA12-008** Lincoln Silva Carneiro, A. Aleixo, A. Whittaker, L. Gonzaga, P. S. Rêgo, I. Sampaio, H. Schneider / Multi-character taxonomic review of the spotted antpitta *Hylopezus macularius* (Grallariidae)

**SA12-009** Vagner Aparecido Cavarzere Junior, G. P. Moraes, L. F. Silveira / Is the mid-domain effect responsible for altitudinal distribution of Atlantic forest birds?

- SA12-010** Mario Cohn-Haft / Areas of endemism for Brazilian Amazonian birds
- SA12-011** Thiago Vernaschi Vieira da Costa, R.J. Donatelli, S.R. Posso / Phylogeny of the potoos (Caprimulgiformes: Nyctibiidae) inferred from osteological characters
- SA12-012** Sidnei de Melo Dantas, A. Aleixo / Geographic variation in the *Megascops watsonii* species complex (Strigidae)
- SA12-013** Renato Gaban-Lima, E. Höfling / A morphological phylogeny of parrots (Aves: Psittaciformes) based on syringeal and osteological characters
- SA12-014** Magnus Gelang / Neogene biogeography of babblers
- SA12-015** Marina Somenzari, A. P. Giorgi, Buermann, W., L. F. Silveira / Using species distribution modeling to identify occurrences of pearly parakeet (*Pyrrhura lepida*) in the Brazilian Amazon: support for species taxonomic studies and conservation
- SA12-016** Martin Irestedt, P. Ericson / Biogeography and sexual selection, a phylogenetic comparison between bowerbirds and birds-of-paradise
- SA12-017** Kevin P. Johnson, J. D. Weckstein / The Central American land bridge as an engine of diversification in New World doves
- SA12-018** Luciano Moreira Lima, B. R. R. Soares, S. Siciliano / Occurrence and seasonality patterns of *Thalassarche chlororhynchos* and *Thalassarche melanophris* on the coast of Rio de Janeiro, Brazil
- SA12-019** Ricardo Belmonte-Lopes, M. R. Bornschein, B. L. Reinert, M. R. Pie / Phylogenetic relationships of Thamnophilidae of the Atlantic Rainforest
- SA12-020** Thais Augusta Maia, L. Vilaboim, B. Garzon / Scientific potential of the paleornithology collection of the Laboratório de Paleontologia do Museu de Ciências Naturais da PUC Minas
- SA12-021** Curtis A. Marantz, L. Pérez-Emán / Two sharp transition zones between *Xiphorhynchus guttatus* subspecies in the upper Río Orinoco basin of southern Venezuela
- SA12-022** Rafael Sobral Marcondes, L. F. Silveira / Osteology of the New World nine-primaried Oscines – inferring relationships in a very diverse group of passerines
- SA12-023** Rafael Migotto, H. Alvarenga, E. Höfling / Cranial osteology of the black-collared hawk (*Busarellus nigricollis*, Accipitridae) and the non-monophyly of traditional buteonine hawks
- SA12-024** Maria Moltesen, K. Jonsson, J. Fjeldså, M. Irestedt, P. G. P. Ericson / Systematics and biogeography of Chloropseidae and Irenidae
- SA12-025** Larissa Lacerda Moraes, R. Ribon, J. A. Dergam, R. S. Tomaz / Chromatic Polymorphism in *Lathrotriccus euleri* (Cabanis, 1868) (Aves, Passeriformes)
- SA12-026** Jan Ohlson, M. Irestedt, P. G. P. Ericson, Jon Fjeldså / The systematic position of *Calyptura cristata* revealed by sequence data from multiple genes
- SA12-027** Rodrigo Oliveira Pessoa, L. F. Silveira, C. Y. Miyaki / Systematic and biogeography of the genus *Conopophaga* (Aves: Passeriformes)
- SA12-028** Sérgio Roberto Posso, R. J. Donatelli / Phylogenetics analysis inferred from morphology and osteological contributions to the systematics of turacos (Musophagidae)
- SA12-029** Jorge Luis Ramirez Malaver, C.Y. Miyaki, S.N. Del Lama / Insights into the phylogeny of the family Threskiornithidae
- SA12-030** Piero Angeli Ruschi, M. A. R. Ferreira / Taxonomy and geographic variation of the versicoloured emerald (*Agyrtria versicolor* Vieillot, 1818) (Aves: Trochilidae)
- SA12-031** Eloisa Helena Reis Sari, P. G. Parker / A recent arrival to the Galápagos Islands: colonization history of *Myiarchus magnirostris*
- SA12-032** Kathrin Schidelko, D. Stiels, R. van den Elzen, D. Rödder / Evolutionary stability of diversity patterns in African estrildid finches
- SA12-033** M. Paeckert, J. Martens, Y. H. Sun, T. Töpfer, C.T. Yao, Lucia Liu Severinghaus / Molecular and bioacoustic differentiation of Taiwan endemic passerines
- SA12-034** Snorri Sigurdsson, J. Cracraft / A species-level phylogeny of the nightjars (Caprimulgidae)
- SA12-035** Marina Somenzari, L. F. Silveira / Taxonomy, biogeography and conservation of the pearly parakeet (*Pyrrhura lepida*: Psittacidae)
- SA12-036** Darius Stiels, K. Schidelko, R. van den Elzen, D. Rödder / Predicting the potential distribution of the invasive common waxbill *Estrilda astrild* (Passeriformes: Estrildidae)
- SA12-037** Frank Garfield Stiles / Taxonomy of the *Momotus momota* complex of northern South America and adjacent areas
- SA12-038** Renata Stopiglia, M. A. R. Ferreira / Alpha taxonomy of *Synallaxis stictothorax* Selater, 1859 (Aves: Furnariidae)
- SA12-039** Masaoki Takagi / Insular group variation in the male territorial hooting call of the elegant scops owl (*Otus elegans*) in the Ryukyu archipelago, Minami-daito, and Ranyu Islands
- SA12-040** Duncan Wright, K. C. Burns / New Zealand's avian archipelago; do ecogeographical rules apply?

## SA13 Other subject

**SA13-001** R. T. Pinheiro, Y. F. C. Leite, Suélen Amâncio, E. M. Braga / Malaria prevalence on birds from natural/undisturbed and urban/disturbed areas of central Brazil

**SA13-002** Fernanda Alves Amorim, L. F. Silveira, E. A. Souza / Avifauna from the São Francisco River Basin

**SA13-003** Carlos Bosque, F. Kuemmeth, R. Holland, S. Steiger, W. Jetz, B. Voirin, M. Wikelski / Movement ecology of a unique avian frugivore, the oilbird

**SA13-004** Patrick John Butler / Mission impossible? Flying over Everest

**SA13-005** Motti Charter, S. Aviel, K. Merom, Y. Motro, D. Alon, Y. Leshem / Raptors as biological pest controllers in agricultural fields from a local to regional project

**SA13-006** Robert Alexander Cheke, A. N. McWilliam, C. Mbereki, E. van der Walt, B. Mtobesy, R. N. Magoma, J. P. Eberly / Effects of organophosphate avicides for control of the red-billed quelea on cholinesterase levels in the blood of target and non-target birds

**SA13-007** Aline Goes Coelho, C. G. Machado / Hummingbird (Trochilidae) pollen vectors and the pollination systems of *Prepusa montana* (Mart.) (Gentianaceae) in an area of campo rupestre vegetation in the Chapada Diamantina, Bahia State, Brazil

**SA13-008** Ana Maria Contreras Gonzalez, M. del C. Arizmendi-Arriaga / Phenology of food plants used by the military macaws in Central Mexico

**SA13-009** Larissa Schmauder Teixeira da Cunha, G.D.A. Castiglioni, J.P.M. Torres / Variation in eggshell thickness of the brown booby (*Sula leucogaster*) along the Brazilian coast

**SA13-010** Sidnei de Melo Dantas, M. Faccio, M. F. C. Lima / Avifaunal inventory of the Floresta Nacional do Pau-Rosa, Maués, State of Amazonas, Brazil

**SA13-011** Maria Angela Echeverry-Galvis / Consequences of breeding and molt overlap on body condition for Neotropical Mountain Birds

**SA13-012** Rocío Espinosa, A. M. López, L. M. Sánchez, J. E. Botero / The avifauna of the coffee-producing region of Colombia: promoting bird conservation in a rural landscape

**SA13-013** Carolina Facchinetti, A. G. Di Giacomo, B. Mahler, J. C. Reboreda / Delayed plumage maturation in the tawny-bellied seedeater (*Sporophila hypoxantha*)

**SA13-014** Brant Faircloth, W. E. Palmer, T. M. Terhune, P. A. Gowaty, J. P. Carroll / Extreme

flexibility in reproductive behavior: Tests of alternative mating hypotheses

**SA13-015** Patrícia Alexandre Formozo, R. M. Russo, D. H. Firme, L. C. Straker / Élio Gouvêa bird collection from Museu da Fauna e da Flora of Itatiaia National Park: research and diffusion

**SA13-016** Maria Alexandra Garcia Amado, V. Sanz, M. Contreras, L. M. Martinez Vazquez, M. Lentino, F. Michelangeli / Detection of *Helicobacter* genus in feces and digestive tracts of wild birds in Venezuela

**SA13-017** Neander Marcel Heming, I. Fontana / Antipredator responses of birds to playbacks vary with predator foraging habit, prey family and foraging site

**SA13-018** Kazuto Kawakami, Y. Aoyama / Seabird seed dispersal by the attachment to its feathers in the oceanic Bonin Islands, Japan

**SA13-019** Miia Koivula, M. Kanerva, T. Eeva / Comparison of EROD enzyme activity and oxidative stress biomarkers in different passerine species

**SA13-020** Ricardo Krul, L. Festti, V. L. Carniel, A. L. M. Gomes / Shorebirds in south Brazil: a long term monitoring

**SA13-021** M. Ross Lein, V. A. Haines / Song variation in a disjunct population of dusky flycatchers (*Empidonax oberholseri*)

**SA13-022** Verônica Ramirez Martinez, G. Gracioli, G. H. F. Seixas / Arthropods associated with nests of blue-fronted-parrots (*Amazona aestiva*) in Pantanal de Miranda, Mato Grosso Sul

**SA13-023** Ailton Carneiro de Oliveira, R. H. Macedo / Interaction between buff-necked ibises and towers for high voltage transmission lines in Brazil

**SA13-024** Michael Patrikeev / The use of automated recording devices for forest bird monitoring in Bruce Peninsula National Park

**SA13-025** Christopher Perrins, B. Schulenberg, O. Pybus, I. Brown / The effect of highly pathogenic Avian Influenza (H5N1) on a flock of mute swans (*Cygnus olor*)

**SA13-026** Renato Torres Pinheiro, E.M. Braga, N. Belo, D. Rodello / *Plasmodium* sp. parasitism in Central-Brazilian birds

**SA13-027** Shuleewan Rajviroongit, M. Timngim, P. Poonswad / Biologically active compounds discovered in *Cinnamomum glaucescens*, the hornbill disperse plant in a moist evergreen forest of Khao Yai National Park

**SA13-028** Tânia de Freitas Raso, F. P. Campos, P. J. Faria / Detection of *Chlamydophila psittaci* in colonial seabirds of São Paulo State, Brazil

**SA13-029** Márcio Repenning, C. S. Fontana / The plumbeous seedeater (*Sporophila plumbea*) of upland grasslands from southern Brazil: Is it a new species?

**SA13-030** L. B. S. Guedes, Vivian Ribeiro, W. S. Cavalcante, R. Caparroz / Incidence of *Giardia* spp. and *Eimeria* spp. on the avifauna of Distrito Federal/Brazil evaluated by molecular diagnosis

**SA13-031** Juliane Riechert, O. Chastel, P. H. Becker / Parental effort and hormones: Do prolactin and corticosterone levels differ between first and replacement clutches in common terns?

**SA13-032** Jean-Patrice Robin, M. Boos, G. Bedecarrats, O. Petit, C. Zimmer / Effects of an increase in predation risk on stress and reproduction in female mallards

**SA13-033** Márcia Alexandra Rocca, M. Sazima / Birds visiting flowers in an Atlantic rainforest site: sazonalidad, vertical distribution and interactions

**SA13-034** Kimberly L Schmidt, C. W. Breuner, K. K Soma / Cortisol and corticosterone binding sites in plasma, liver, immune organs and brain of developing zebra finches

**SA13-035** Danae K Sheehan, M. Eaton, R. D. Gregory / Towards developing a Global Wild Bird Index

**SA13-036** Cassandra A. Silverio, B.J. Stutchbury / Does parasitic infection affect reproductive success and survival in purple martins?

**SA13-037** Tyler J Stevenson, G. F. Ball / Environmental regulation of GnRH1 plasticity in European starlings (*Sturnus vulgaris*)

**SA13-038** Paola Turienzo, O. R. Di Iorio / Inquiline birds of *Furnarius rufus* (Gmelin, 1788) [Aves: Furnariidae], the true hosts of *Acanthocrios furnarii* (Cordero & Vogelsang, 1928) (Hemiptera: Cimicidae)

**SA13-039** Olga Valchuck, V. Sotnikov / The first results of color-ring marking of actites dunlin (*Calidris alpina actites*) at the breeding

**SA13-040** H. Cofré, P. Marquet, Yerko Alfredo Vilina Leiva, C. Garín / Community structure and conservation of birds assemblage inhabiting fragmented *Polylepis* woodland in northern Chile

**SA13-041** Jennifer Man-Ling Wang, S. R. Beissinger / The influence of microbial processes on the infection rate and viability of passerine eggs

**SA13-042** Hafiz Shaeque Ahmad Yahya / Ecological isolation in congeneric sympatric cormorants (*Phalacrocorax* spp.) in and around Aligarh

