



EOU2015

PROGRAMME



MONDAY, 24th AUGUST 2015

08:30 – 17:00	Migratory Landbird Study Group (MLSG) Satellite meeting	SALA1
14:30 – 16:30	EOU Council meeting	SALA 2
17:00 – 19:15	Registration	OFICINA TÉCNICA
19:15 – 19:30	Opening Ceremony	AUDITORIO
19:30 – 20:30	Plenary 1: Pérez-Tris	AUDITORIO
20:30 – 21:30	Welcome reception	PATIO

TUESDAY, 25th AUGUST 2015

9:00 – 9:50	Plenary 2: Bonadonna	AUDITORIO
9:50 – 10:30	Break / Posters	PATIO / SALA EXPOSICIONES
10:30 – 12:30	Parallel Symposia 1	

Symposium 4 (SALA AZUL): *Alone or in groups: different strategies of juvenile migrants*

- 10:30h Andrea Kölzsch: Juvenile migrants travelling in groups – white storks and white-fronted geese.
- 11:00h Wouter M G Vansteelant: There and back again: factors driving ontogeny of individual migration routes in Honey Buzzards *Pernis apivorus*.
- 11:30h Marta L Vega: Unraveling the migration program in young and adult Common Cuckoos *Cuculus canorus*.
- 11:50h Cecilia Nilsson: Juvenile passerines more likely to perform reverse migration.
- 12:10h Charles André Bost: At-sea distribution and diving activity of juveniles *Aptenodytes* penguins in the South Indian Ocean

Symposium 6 (AUDITORIO): *Coping with the stress of city life: mechanistic studies in urban ecology*

- 10:30h Veronika Bókonyi: Measuring urbanization and its effects on avian physiology: pitfalls and approaches.
- 11:00h Karl Evans: Urban selection pressures – the blackbird's contribution to an emerging synthesis.



- 11:30h Pablo Salmón: The impact of urban environment on oxidative stress and telomere length: A cross-fostering experiment.
- 11:50h Amparo Herrera-Dueñas: The relationship between house sparrow and the city: why urban populations are on decline?
- 12:10h Davide Dominoni: Integrating gene expression and metabolomics to understand avian responses to light at night.

Symposium 9 (SALA 1): *Light, colours and perfumes: bird sensory ecology*

- 10:30h Luisa Amo: The role of olfaction in foraging: insectivorous birds exploit herbivore-induced plant volatiles to locate their prey.
- 11:00h Olle Lind: A nuanced view on colour vision and ultraviolet sensitivity in birds.
- 11:30h Barbara A Caspers: Hatchlings of an altricial songbird recognize their parents based on olfactory cues!
- 11:50h Mindaugas Mitkus: There are no double cones in the raptor fovea.
- 12:10h Jannika E Boström: Temporal resolution in small birds.

Symposium 10 (SALA 2): *Ecophysiological adaptations to the environment in birds*

- 10:30h Andreas Nord: Is workload and performance in birds constrained by the risk of overheating?
- 11:00h Esa Hohtola: Avian endothermy: theme and variations.
- 11:30h Juli Broggi: Reserves or expenditure. What are small boreal passerines regulating in winter?
- 11:50h Sergey S Simonov: Thermal insulation of passerine nests in North-West Russia: preliminary results and ideas.
- 12:10h Götz Eichhorn: Going south going slow? Metabolic rate in arctic and temperate breeding barnacle geese.

Symposium 11 (SALA 3): *Mediators of individual quality in birds*

- 10:30h Barbara Tschirren: Maternal effects as mediators of individual quality in birds.
- 11:00h Neeltje Boogert: Sing me something smart.
- 11:30h Robert Gwiazda: Foraging behaviour of the Whiskered Tern *Chlidonias hybrida* in the breeding season – effect of sex
- 11:50h Vincent A Viblanc: Advertising quality: condition-dependent signals in monomorphic King Penguins *Aptenodytes patagonicus*.
- 12:10h Frédéric Angelier: Are stress hormones linked to individual quality in birds?



- 12:30 – 14:00 **Lunch / Posters / Exhibition** PATIO / S. EXPOSICIONES / CAFETERÍA
14:00 – 14:50 **Plenary 3: Laiolo** AUDITORIO
14:50 – 15:30 **Break / Posters** PATIO / SALA EXPOSICIONES
15:30 – 16:50 **Parallel Oral Sessions 1 – 5**

Oral Session 1 (AUDITORIO): Ecology

- 15:30h Daniela Campobello: Interactive effects of micro- and macro-habitat features on reproductive success of lesser kestrels *Falco naumanni*.
15:50h Tomasz Wesołowski: Species richness of a primeval forest breeding bird community – a 40 years' perspective.
16:10h Alexander Grendelmeier: The importance of conspecific cues for settlement: an experimental approach.
16:30h Jakub Szymkowiak: Selective social information use in habitat selection of Wood Warblers *Phylloscopus sibilatrix*.

Oral Session 2 (SALA 1): Physiology and Parasitology

- 15:30h Martina Ferraguti: Effects of landscape and mosquito community on malaria prevalence in wild House Sparrows *Passer domesticus*.
15:50h Jorge S Gutiérrez: Ecological context and physiological constraints determine the choice between prey of different salinity.
16:10h Antón Pérez-Rodríguez: Do feather mites (Acari: *Astigmata*) keep feather microbiota under control?
16:30h Ana Cláudia do Souto Gonçalves Norte: Birds as hosts for ticks and reservoirs for *Borrelia burgdorferi* s.l. in Portugal.

Oral Session 3 (SALA AZUL): Migration

- 15:30h Alexander Pakhomov: Magnetic declination provides east - west coordinate in the navigational map of a migratory songbird.
15:50h Arne Hegemann: Sick birds delay migration – Immune function influences migration phenology.
16:10h Pedro Miguel Mendes Araújo: Reed warblers migrating through Portugal: a climatic influence on stopover ecology over the last decade
16:30h Frank A La Sorte: The use of looped migration strategies by terrestrial birds in the Western Hemisphere.



Oral Session 4 (SALA 3): *Reproduction*

- 15:30h Elena Álvarez: Keep moving to stay in place: responses of Mediterranean Great Tits *Parus major* to global warming.
- 15:50h Cristina Ruiz Castellano: Interspecific differences in eggshell susceptibility to bacterial colonization and penetration.
- 16:10h Martin U Gruebler: Food provisioning in little owls *Athene noctua*: experimentally disentangling the effects of habitat quality
- 16:30h Vanja T Michel: Reproductive success of little owls *Athene noctua* in relation to food supply and home-range size.

Oral Session 5 (SALA 2): *Distribution, Taxonomy, Evolution, Behaviour*

- 15:30h Stephen Baillie: EuroBirdPortal – modelling the year round distributions and phenology of European birds.
- 15:50h Rene E. van Dijk: Cooperative investment in public goods is kin directed.
- 16:10h Antonio Arnaiz-Villena: *Carduelini* new systematics: new groups and splits showed by mitochondrial DNA and Bayesian phylogeny
- 16:30h Alexey Druzyaka: Social interactions independently affect chick growth in Black Terns *Chlidonias niger*.

16:50 – 18:00 **Parallel Round Tables 1**

Round Table 1 (SALA AZUL): *Crossing borders: collaborative and integrative research for migrant landbirds across the flyway*

Round Table 3 (SALA 3): *Drivers of spatial and phenological change in migratory systems*

Round Table 6 (SALA 1): *The European Turtle Dove as a case study: how to conserve a declining species of hunting interest?*

Round Table 7 (SALA 2): *Creation of multiple genome alignments and clade-based tools to facilitate the study of speciation and adaptation in birds*

18:00 – 18:30 **SPECIAL TALK: DEL HOYO HBW AUDITORIO**

18:30 – 19:20 **BOU / ECR EVENT SALA AZUL**

19:00 - 20:30 **POSTERS** SALA EXPOSICIONES

20:30 – 23:00 **FLEDGELING EVENT (PUB Mercantil)**



WEDNESDAY, 26th AUGUST 2015

BIRD - TOURS

THURSDAY, 27th AUGUST 2015

- 9:00 – 9:50 **Plenary 4: Piersma** AUDITORIO
9:50 – 10:30 **Break / Posters** PATIO / SALA EXPOSICIONES
10:30 – 12:30 **Parallel Symposia 2**

Symposium 1 (SALA AZUL): *The scale of migratory connectivity and population dynamics in Palearctic-African migrant landbirds*

- 10:30h Bengt Hansson: Uncovering the long-distance migration of Great Reed Warblers
Acrocephalus arundinaceus
- 11:00h Will Cresswell: The population and conservation predictions arising from variation in connectivity in the African-Palearctic migration system.
- 11:30h Flavio Monti: Scale-dependent migration and connectivity in Western Palearctic Ospreys *Pandion haliaetus*.
- 11:50h Janne Ouweland: Is geographical variation in breeding phenology and migration driving migratory connectivity in Pied Flycatchers *Ficedula hypoleuca*?
- 12:10h Chris Hewson: Methodological and sampling issues in use of tracking technology in connectivity studies.

Symposium 5 (SALA 2): *Phylogenetics of Passerine birds: unraveling their evolution at the macro- and micro-scales*

- 10:30h Per Ericson: The largest radiation of birds: when, where and how?
- 11:00h Glenn-Peter Saetre: Hybrid speciation in *Passer* sparrows.
- 11:30h Darius Stiehl: Conservative or divergent? - Evolution of seasonal niches in migratory *Oreothlypis* warblers.
- 11:50h Matthias Helfried Weissensteiner: Crow speciation genomics: Phenotypic integrity despite extremely low differentiation and gene flow
- 12:10h Anika Immer: Climatic constraints on the evolution of leaf-warbler songs.



Symposium 12 (SALA 3): *Early life experiences: merging mechanistic and functional approaches to reveal their meaning*

- 10:30h Valeria Marasco: Does maternal stress influence growth and biological ageing of offspring? A study on a songbird
- 11:00h David Costantini: Digging at oxidative stress' roots: how early life experiences fine-tune the oxidative phenotype.
- 11:30h Lukas Jenni: Maternal programming of nestling phenotype: the role of corticosterone.
- 11:50h Rie Henriksen: Matching the pre and post-hatching environment eliminate effects of mild maternal heat stress in Japanese Quail *Coturnix japonica*
- 12:10h Claudia Mueller: Effect of elevated corticosterone during postnatal development on post-fledging behaviour & survival.

Symposium 13 (AUDITORIO): *Studies on bird, vector, and blood parasite interactions in a changing world*

- 10:30h Staffan Bensch: The conundrum of variation in parasite host specificity – examples from avian haemosporidians.
- 11:00h Vaidas Palinauskas: Avian malaria parasites: recent studies combining traditional, molecular and experimental data.
- 11:30h Strahil Georgiev Peev: Diversity and transmission areas of avian haemosporidians among three species of migratory birds.
- 11:50h Swen Renner: Disentangling the interactions between forests, parasites, and immune responses
- 12:10h Josué Martínez-de la Puente: Tasty birds: mosquito feeding patterns and implications for avian malaria transmission.

Symposium 15 (SALA 1): *Internal and external drivers of variation in landbird migration*

- 10:30h Raymond Klaassen: A review of seasonal interactions (carry-over effects).
- 11:00h Richard Holland: Olfactory cues: a surprising candidate for navigation in migratory birds.
- 11:30h Sara Lupi: Stopover decision during migration: the role of hormones controlling food intake.
- 11:50h Martins Briedis: Breeding latitude leads to persistent differences in annual schedule of a trans-Equatorial migrant



12:10h Rien E van Wijk: The timing of migration in a Palaearctic-African migrant and its consequences on reproductive success.

12:30 – 14:00 **Lunch / Posters / Exhibition** PATIO / S. EXPOSICIONES / CAFETERÍA

14:00 – 14:50 **Plenary 5: Shamoun - Baranes** AUDITORIO

14:50 – 15:30 **Break / Posters** PATIO / SALA EXPOSICIONES

15:30 – 16:50 **Parallel Oral Sessions 6 – 10**

Oral Session 6 (AUDITORIO): Ecology

15:30h Jan Jedlikowski: Multi-scale habitat selection in Little Crakes *Porzana parva* and Water Rails *Rallus aquaticus*

15:50h Hannah Watson: Surviving in the city: transcriptomics offers insight.

16:10h Letizia Campioni: Niche segregation between immature and adult seabirds: does progressive maturation play a role?

16:30h Ricardo Rafael dos Santos Ceia: Numerical and functional responses of passerines to defoliator outbreaks in cork oak woodlands.

Oral Session 7 (SALA 1): Behaviour

15:30h Alfredo Sánchez Tójar: Winter prospecting behaviour changes in relation to age but not personality in House Sparrows *Passer domesticus*.

15:50h Elina Mäntylä: Can insectivorous birds anticipate the future? Attraction of birds to pines induced by insect eggs.

16:10h Ben Hatchwell: Cooperative breeding in long-tailed tits: kin selection and a test of Hamilton's Rule.

16:30h Erik Matthysen: Information use and dispersal: the role of early experience.

Oral Session 8 (SALA 3): Conservation

15:30h Tamer Albayrak: Phylogeographic structure and key areas for the conservation of Krueper's Nuthatches *Sitta krueperi*.

15:50h Reto Spaar: A citizen science census of House Martins *Delichon urbicum* in Switzerland lead to rethinking conservation strategy.

16:10h Hugo Robles: Floaters buffer the extinction risk of bird populations in fragmented habitats.

16:30h Liviu G Pârâu: Demographic patterns of invasive parrots in Europe.



Oral Session 9 (SALA 2): Parasitology, Morphology, Genetics

- 15:30h Michaël Moens: Haemoproteus communities in hummingbirds: specialist parasites in a singular habitat?
- 15:50h Lucie Kropáčková: Interspecific variation of gut microbiota in passerine birds based on high throughput sequencing.
- 16:10h Peter Laszlo Pap: Interspecific variation in the structural properties of flight feathers in birds.
- 16:30h Gilberto Pasinelli: Genetic diversity and differentiation in Middle and Great Spotted Woodpeckers.

Oral Session 10 (SALA AZUL): Migration

- 15:30h Willem Bouten: Dawn ascents to astonishing altitudes during migration of Eleonora's Falcons *Falco eleonora*.
- 15:50h João Paulo Silva: Yearly movement patterns of the Little Bustard *Tetra tetrix* in South-western Iberia.
- 16:10h Mikkel Willemoes: Migratory connectivity in common cuckoo *Cuculus canorus* populations across Northern Europe.
- 16:30h Jenny Sturgeon: High early-life winter site fidelity in partially-migratory European shags *Phalacrocorax aristotelis*.

16:50 – 18:00 **Parallel Round Tables 1**

Round Table 2 (SALA AZUL): The role of social media in ornithology

Round Table 4 (SALA 3): Radar aeroecology: unravelling population scale patterns of avian movement

Round Table 5 (SALA 1): Macroecology, global change, and the state of modelling avian distributions

18:00 – 19:00 **The EOU: Future Direction & General meeting** AUDITORIO

19:00 – 20:00 **FLEDGLINGS. Meet the editor** SALA AZUL

20:30 – 23:30 **Conference dinner** MEIAC

FRIDAY 28th AUGUST 2015

9:00 – 11:00 **Parallel Symposia 3**



Symposium 2 (SALA 3): *From analysis to action: mitigating the impacts of environmental change on alpine birds*

- 09:00h Veronika Braunisch: Where to combat shrub encroachment in Alpine timberline ecosystems: combining remotely-sensed vegetation information with species habitat-suitability modelling.
- 09:30h Mattia Brambilla: Climate change will exacerbate the impact of skiing on high-elevation bird species in the Alps.
- 10:00h Thomas Sattler: Climate warming and population changes of Alpine rock ptarmigan *Lagopus muta Helvetica*.
- 10:20h Jaime Resano Mayor: Population structure of the Snowfinch *Montifringilla nivalis* in Western Europe
- 10:40h John Calladine: Whinchats *Saxicola rubetra* in upland Scotland: Multi-scale associations with habitat and land use change.

Symposium 3 (SALA 1): *Female ornaments and armaments*

- 09:00h Jesús Martínez-Padilla: Female ornamentation in red grouse.
- 09:30h Alexandre Roulin: Melanin-specific female life history strategies.
- 10:00h Alejandro Cantarero Carmona: A plumage signal covaries with testosterone levels in female Pied Flycatchers *Ficedula hypoleuca*.
- 10:20h David López Idiáquez: The role of melanin-based coloration in female-female competition *Falco tinnunculus*
- 10:40h Bekir Kabasakal: Mutual sexual selection in the Yellow-vented Bulbuls *Pycnonotus xanthopygos*?

Symposium 7 (AUDITORIO): *Current Research on animal personality in birds*

- 09:00h Kees van Oers: The use but not the ability to solve a foraging task varies with personality.
- 09:30h John L Quinn: Avian personalities and syndromes: when and why do behavioural correlations occur?
- 10:00h Maria Moiron: The role of state-behavior feedbacks in explaining adaptive personality differences.
- 10:20h Markó Gábor: Context dependence of risk-taking in wild Collared Flycatcher males: do personality domains exist?
- 10:40h Balint Preiszner: Urbanization, problem-solving and reproductive success in Great Tits *Parus major*



Symposium 8 (SALA 2): *Significance of intraspecific variation in avian sperm traits: plasticity, microevolution, speciation*

09:00h Jan T Lifjeld: Sperm traits and the evolution of reproductive barriers.

09:30h Simone Immler: The potential role of phenotypic plasticity of sperm traits in the evolution of mating behaviour

10:00h Alfonso Rojas Mora: Within and between male variation in sperm morphology and ejaculate quality across social ranks.

10:20h Oldřich Tomášek: Effects of oxidative stress and carotenoid intake on sperm morphology and function in zebra finches.

10:40h Anais Edme: Relative importance of ornaments, and sperm quality on paternity in collared flycatchers

Symposium 14 (SALA AZUL): *Causes and Consequences of Partial Migration*

09:00h Jan-Åke Nilsson: The ecology and evolution of partial migration.

09:30h Francisco Pulido: Genetics and adaptive evolution of partial migration

10:00h Jesko Partecke: Control of partial migration: Testing textbook knowledge in the wild.

10:20h James J Gilroy: Migratory diversity and population declines in European birds.

10:40h Marleen M P Cobben: Stable partial migration? Bridging theory and practice.

11:00 – 11:40 **Break / Posters** PATIO / SALA EXPOSICIONES

11:40 – 12:30 **Plenary 6: Liker** AUDITORIO

12:30 – 13:00 **Closing Ceremony** AUDITORIO

13:00 – 14:00 **Lunch** SALA EXPOSICIONES / CAFETERÍA

14:00 **EOU Council meeting** SALA 2