



#BOU2022

Nests, eggs and chicks: reproduction in a changing world

On Zoom and on Twitter



ZOOM & TWITTER PROGRAMME

- **All times are UTC** (BST = UTC +1) – please use this [time zone convertor](#) for your local time.
 - [Click here](#) for our online conference scheduler app with built in time convertor.
- Twitter presentations:*
- Zoom presenters will tweet a summary of their presentation on Twitter at their allotted presentation time.
 - Poster presentations and Twitter-only presenters will be tweeted during the breaks of the Zoom programme as indicated [in blue below](#). Those attending the Zoom event can view posters and chat with poster authors on Slack.

DAY 1 – TUESDAY, 12 APRIL 2022

SESSION 1 – BREEDING PHENOLOGY

#SESH1

1300 UTC **WELCOME TO THE CONFERENCE**

& Chair: **Welcome** | Juliet Vickery | BOU President | British Trust for Ornithology, UK | @juliet_vickery

1305 UTC **KEYNOTE**

The effect of tropic asynchrony on fitness in Blue Tits

Ally Phillimore | University of Edinburgh, UK | @AlbertPhillimo2



1335 UTC **Selection pressure on the phenology and productivity of urban and forest Blue and Great tits**

Claire Branston | University of Glasgow, UK | @ClaireBranston (ECR presenter)

1350 UTC **Phenological nesting niche adaptive tracking in a migratory passerine**

Mark Eddowes | Independent researcher, UK | @markeddowes

1405 UTC **Higher temperatures are associated with reduced nestling body condition in a range-restricted mountain bird**

Krista N. Oswald | Rhodes University, US | @krista_natasha (ECR presenter)

1420 UTC **A comparison across two decades, of the breeding biology of two sibling species of procellariiformes**

Hannah F.R. Hereward | Cardiff University, UK | @HannahHereward (ECR presenter)

1435 UTC **Speedy Posters!**

30 second poster elevator pitches | Various artists

1445 UTC **ZOOM BREAK** – but presentations and the conversation continue on Twitter!

Also, time to network and engage with Zoom and poster presenters on Slack

POSTER PRESENTATIONS

#BREAK1

1445 UTC **Nestling physiological and behavioural response to high temperatures**

Poster Jenna Diehl | Monash University, Australia | @jennadiehl25

1455 UTC **The effect of extreme events on nest microclimate in the Lesser Kestrel**

Poster Alejandro Corregidor-Castro | Università di Padova, Italy | @AlexCoCastro (ECR presenter)



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1505 UTC **Impacts of weather and nest-dwelling ants on bird-ectoparasite interactions**
Poster Marta Maziarz | Museum and Institute of Zoology, Polish Academy of Sciences, Poland |
 @Maziarz_Marta

SESSION 2 – EGG QUALITY AND INCUBATION

#SESH2

Chair: Sarah Burthe | UK CEH | @SarahBurthe
BOU2022 Scientific Programme Committee and BOU Meetings Committee

1515 UTC **KEYNOTE**
Why do eggs fail? Infertility, prenatal mortality, and implications for bird conservation
Nicola Hemmings | University of Sheffield, UK | @HemmingsNicola1



1545 UTC **Latitudinal variation in incubation behaviour increases embryonic metabolism without affecting developmental rate**

Martje Birker | University of Groningen, the Netherlands | @BirkerMartje

1600 UTC **Asymmetrical effects of diurnal and nocturnal incubation on hatching asynchrony**

David Diez-Méndez | Czech Academy of Science, Czech Republic | @Dd10Mz

1615 UTC **Global diversity and adaptations of avian eggshell thickness**

Marie Attard | Marie Attard, British Antarctic Survey, UK | @MarieRAttard

1630 UTC **Recognising Steve Dudley – reflecting on 25 years service to the BOU**

Juliet Vickery, BOU President & John Croxall, former BOU President

1645 UTC End of day 1

Still time to network and engage with Zoom and poster presenters on Slack

DAY 2 – WEDNESDAY, 13 APRIL 2022

SESSION 3 – BIORHYTHMS AND MIGRATION

#SESH3

Chair: José Alves | University of Aveiro, Portugal | @JoseAAlves_
BOU2022 Scientific Programme Committee and BOU Meetings Committee

1300 UTC **KEYNOTE**
Biorhythms and incubating shorebirds

Martin Bulla | Max Planck Institute for Ornithology, Germany & Czech University of Life Sciences, Czech Republic | @MartBulla



1330 UTC **Mismatch-induced growth reductions in a clade of Arctic-breeding shorebirds are not mitigated by increasing temperatures**

Thomas Lameris | Royal Netherlands Institute for Sea Research (NIOZ), the Netherlands |
 @thomaslameris



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- 1345 UTC **Investigating drivers of Whimbrel productivity in a sub-Arctic ecosystem**
Maite Cerezo-Araujo | University of Iceland | @MaiteCerezo (ECR presenter)
- 1400 UTC **Migration duration, not distance, had a carryover effect on breeding performance of Asian Houbara**
Joseph Azar | Reneco International Wildlife Consultants LLC, United Arab Emirates | @Joseph_Azar1
- 1415 UTC **Juvenile social environment and range change in Icelandic Black-tailed Godwits**
Josh Nightingale |, University of Aveiro, Portugal | @Luscinia_joshua (ECR presenter)

1430 UTC ZOOM **BREAK** – but presentations and the conversation continue on Twitter!
Also, time to network and engage with Zoom and poster presenters on Slack

POSTER PRESENTATIONS

#BREAK2

- 1430 UTC **Physiological factors influencing female fertility in birds**
Poster Katherine Assersohn | University of Sheffield, UK | @kassersohn (ECR presenter)
- 1440 UTC **Differing demographic drivers of low reproductive success within a high arctic migrant meta-population**
Poster Luke Ozsanlav-Harris | University of Exeter, UK | @Luke_ozharris (ECR presenter)
- 1450 UTC **Fertilisation failure vs. embryo mortality in wild, captive, and free-living managed bird populations**
Poster Ashleigh F. Marshall | Institute of Zoology, ZSL and University College London, UK | @Belfast_Ash9 (ECR presenter)

SESSION 4 – FAMILY LIFE

#SESH4

Chair: Ian Hartley | University of Lancaster, UK | @IanRHartley
Chair, BOU2022 Scientific Programme Committee

- 1500 UTC **KEYNOTE**
The impact of parasitism within the family
Emma Cunningham | University of Edinburgh, UK | @_EmCunningham_



- 1530 UTC **Is Whimbrel chick growth limited by food in Iceland?**
Camilo Carneiro | University of Iceland & University of Aveiro, Portugal | @Camilo_Carneiro (ECR presenter)
- 1545 UTC **Effects of brood size on offspring quality and their lifetime fitness in a long-lived and altricial bird**
Xianglong Xu | Beijing Forestry University, China | @xianglong_xu (ECR presenter)
- 1600 UTC **Social networks and productivity in a tropical wild bird**
Theresa Robinson | University of Reading & Institute of Zoology, UK | @snorkel_maiden (ECR presenter)



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1615 UTC **The drivers of female extra-pair behaviour in a monogamous passerine**
Jamie Dunning | Imperial College London, UK | @jamiedunning (ECR presenter)

1630 UTC ZOOM **BREAK** – but presentations and the conversation continue on Twitter!
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POSTER AND TWITTER-ONLY PRESENTATIONS

#BREAK3

1630 UTC **How wet is that egg? Ecological drivers of eggshell wettability in birds**
Poster Marie Attard | Royal Holloway University of London, UK | @MarieRAttard

1640 UTC **Life on the edge: Clutch size decisions, behavioural interactions and risk in the Black legged Kittiwake**
Poster Kirsty Neller | Middlesex University, UK | @BSL_MDX (ECR presenter)

1650 UTC **The breeding biology of the African Pygmy Falcon, Æi an obligate associate of Sociable Weaver colonies**
Poster Olufemi Olubodun | University of Cape Town, South Africa | @olufemiolubodun (ECR presenter)

1700 UTC **Differences along the slow-fast continuum are associated with the temporal scale of reproductive investment**
Poster Samantha C Patrick | University of Liverpool, UK | @SamCPatrick

1710 UTC **Manipulating breeding female quality reveals subtle helper effects in a cooperatively breeding bird**
Poster Abigail Robinson | Monash University, Australia | @AbiRobinson15 (ECR presenter)

1720 UTC **Behavioural and reproductive responses of Blue Tit to an olfactory signal from trees**
Twitter-only Ségolène Delaitre | CEFE CNRS Centre d'Ecologie Fonctionnelle et Evolutive, France | @SegoleneDelaitr (ECR presenter)

1700 UTC **BOU ANNUAL GENERAL MEETING**
All welcome (pre-register for free attendance)

ALFRED NEWTON LECTURE

#ALFREDNEWTONLECTURE

1800 UTC **Welcome** | Juliet Vickery | BOU President | British Trust for Ornithology, UK | @juliet_vickery

Cuckoos and Curious Naturalists

Nick Davies | University of Cambridge, UK

Full lecture will be tweeted by @IBIS_journal



1900 UTC End of day 2
Still time to network and engage with Zoom and poster presenters on Slack



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DAY 3 – THURSDAY, 14 APRIL 2022

SESSION 5 – CONSERVATION

#SESH5

Chair: Rob Robinson | British Trust for Ornithology, UK | @btorobrob
BOU2022 Scientific Programme Committee

1300 UTC **KEYNOTE**

Giving waders a headstart

Lynda Donaldson | Wildfowl & Wetlands Trust, UK | @donaldsonlynda1



1330 UTC **Investigating the genetic mechanisms behind reproductive senescence in a threatened species**

Fay Morland | University of Sheffield, UK | @fay_morland (ECR presenter)

1345 UTC **Using camera-traps and citizen science to quantify breeding phenology and nest success of tropical ground-nesting petrels**

Kirsty Franklin | University of East Anglia, UK | @kirstyfranklin (ECR presenter)

1400 UTC **Boosting fledging success of a threatened wader population through local- and landscape-scale management**

Harry Ewing | University of East Anglia, UK | @Ewing_birds (ECR presenter)

1415 UTC **ZOOM BREAK** – but presentations and the conversation continue on Twitter!
Also, time to network and engage with Zoom and poster presenters on Slack

POSTER AND TWITTER-ONLY PRESENTATIONS

#BREAK4

1430 UTC **Live long but don't prosper: the population-scale consequences of city life for Blue Tits**

Poster Catrin Eden | University of Lancaster, UK | @cateden91 (ECR presenter)

1440 UTC **Bird communities in urban parks. Is the trend of artificial grass a problem for avian diversity?**

Twitter-only David Sanchez Sotomayor | Asociación Iberozaa, Spain | @iberozaa (ECR presenter)

1450 UTC **Functional responses of breeding wetland birds to habitat degradation and climate change**

Poster İ. Kaan Özgencil | METU, Department of Biological Sciences, Turkey | @bio_kaan (ECR presenter)

SESSION 6 – PARENTAL QUALITY

#SESH6

Chair: Becky Laidlaw | Natural Resources Wales, UK | @blaidlaw1
BOU2022 Scientific Programme Committee

1500 UTC **KEYNOTE**

Intergenerational effects of parental state on offspring fitness

Pat Monaghan | University of Glasgow, UK | @IBAHC



1530 UTC **Body condition influences parental decision-making during incubation in the Manx Shearwater**




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Natasha Gillies | University of Liverpool, UK |  @tash_gillies (ECR presenter)


1545 UTC **Vital rates of nonbreeders and returning breeders strongly influence population dynamics in a seaduck species**

Alex Nicol-Harper | University of Southampton, UK |  @alexnicolharper (ECR presenter)

1600 UTC **Plasticity in embryonic metabolism of maternal hormones and the scope for mother offspring conflict: a study in the Rock Pigeon**

Yuqi Wang | Groningen university, the Netherlands |  @YuqiWan69577612 (ECR presenter)

1615 UTC Close of conference and of day 3

Juliet Vickery | BOU President | British Trust for Ornithology, UK |  @juliet_vickery

Still time to network and engage with Zoom and poster presenters on Slack

Notes

Registered attendees will be sent separate Zoom invites with session links as follows:

- Day 1 – sessions 1 and 2
- Day 2 – sessions 3 and 4
- Day 2 – BOU annual general meeting
- Day 2 – Alfred Newton Lecture
- Day 3 – session 5 and 6

Please contact the BOU Office (office@bou.org.uk) if you haven't received any of these five separate invite emails.