



Royal
Entomological
Society

Annual conference

Programme



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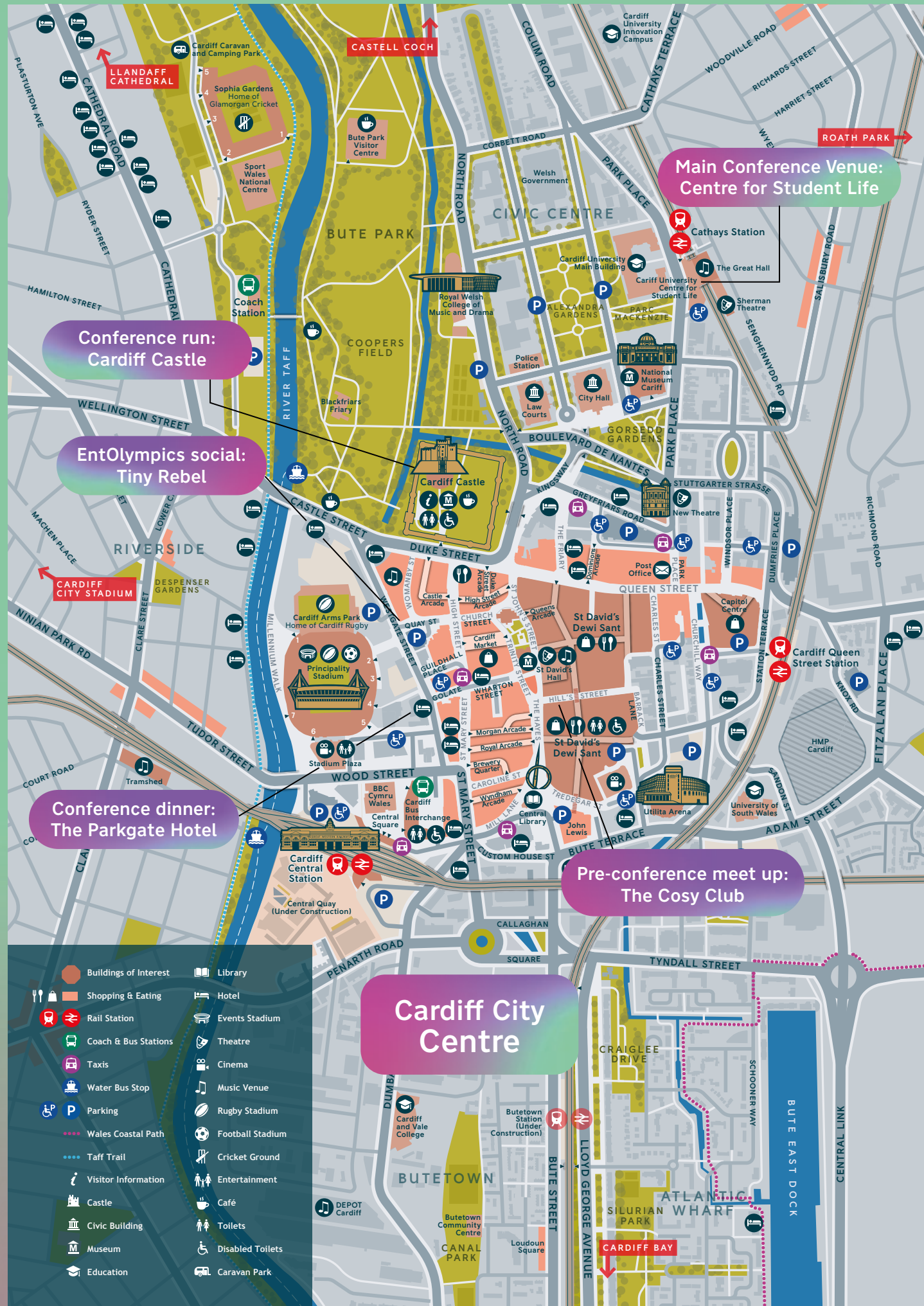


Ento26

8-10 September 2026

Centre for Student Life,
Cardiff University, Wales

Ashy mining bee on an old dandelion head © Rory Lewis 2022



Brown heath robber fly, *Epitriptus cingulatus* © Steven Mohy 2023

Discover...

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Insect week 2027

Host an event for Insect Week 2027

We want your ideas, please contact: fran@royensoc.co.uk

The next Insect Week is 21-27 June 2027.



Welcome from the President

On behalf of the Royal Entomological Society, I am delighted to welcome you to Ento26. A huge thank you to our Headline Sponsor, Wiley, for their generous support of this year's event.

Once again, Ento has continued to grow, and this year there are over 300 delegates from academia and industry attending our meeting in Cardiff. There is new research to discover, the opportunity to share your own work with genuinely enthusiastic colleagues, and to meet and get to know the wonderful RES team. As President, and on behalf of the Society, I am hugely grateful to everyone involved in organising this meeting, especially Events Manager Fran Fleming. Thank you for your hard work in putting this wonderful event together.

We are particularly pleased to welcome winners of our Early Career Researcher Awards. Each year, the Editors-in-Chief of our journals select the best article led by an ECR, and part of their prize is registration at Ento. Congratulations to this year's winners; please do look out for their talks in the programme.

There's so much to enjoy over three jam-packed days: three plenaries, 70+ scientific talks, six workshops, and 15 exhibitors. Following a successful pilot at Ento25, we are delighted to introduce member led symposia as a formal part of this year's programme. These sessions will run alongside our existing talks, creating a third parallel stream and offering even more opportunities for engagement. Designed to give members a platform to lead discussions, share research, and highlight new innovations in entomology, the symposia are central to Ento's culture of membership collaboration.

As if that wasn't enough, there are the legendary Ento socials, including the Conference Run (don't leave CEO Simon Ward to do it on his own!), EntoFashion, EntOlympics, and Bug Bingo. And of course, RES members – don't miss the AGM on Tuesday (1–2pm) for updates, elections, and to meet your new President. If you're not yet a member, come and chat with the team at the RES stand.

On behalf of us all, my sincere thanks to our four Ento25 convenors from the University of Bristol, BioMonde, Swansea University, and Bangor University, who have put together this fantastic programme, which is as diverse as the insects we study – from taxonomy and endosymbionts to conservation, technology, and insect-society interactions.

We understand conferences can be intense – we welcome all delegates, and especially neurodiverse individuals, to take breaks when needed. A quiet room is available and sensory items are welcome. The RES is committed to dignity, respect, and an inclusive, safe environment for all.

I look forward to meeting many of you over the next three days.



Jane Stout

**Professor Jane Stout FRES
RES President**



Photo: Behaviour Category Winner
- El baile efímero de la efímera © Julián Fernández Quilez

Croeso gan y Llywydd

Ar ran y Gymdeithas Entomolegol Frenhinol (RES), rwy'n falch iawn o'ch croesawu i Ento26. Diolch yn fawr iawn i'n Prif Noddwr, Wiley, am eu cefnogaeth hael i ddigwyddiad eleni.

Unwaith eto, mae Ento wedi parhau i dyfu, ac eleni mae dros 300 o gynrychiolwyr o'r byd academaidd a diwydiant yn ein cyfarfod yng Nghaerdydd. Mae ymchwil newydd i'w darganfod, y cyfle i rannu eich gwaith eich hun gyda chydweithwyr gwirioneddol frwdfrydig, ac i gwrdd â thîm gwyb yr RES a dod i'w hadnabod. Fel Llywydd, ac ar ran y Gymdeithas, rwy'n ddiolchgar iawn i bawb a oedd ynghlwm â threfnu'r cyfarfod hwn, yn enwedig y Rheolwr Digwyddiadau, Fran Fleming.

Rydyn ni'n arbennig o falch o groesawu enillwyr ein Gwobrau Ymchwilwyr ar Ddechrau eu Gyrfa. Bob blwyddyn, mae Prif Olygyddion ein cyfnodolion yn dewis yr erthygl orau dan arweiniad Ymchwilydd ar Ddechrau eu Gyrfa, a rhan o'u gwobr yw cofrestru yn Ento. Llongyfarchiadau i enillwyr eleni; cadwch lygad am eu sgysiau yn y rhaglen.

Mae cymaint i'w fwynhau dros dridiau llawn dop: tair sesiwn iawn, 70+ o sgysiau gwyddonol, chwe gweithdy, a 15 o arddangoswyr. Yn dilyn cynllun peilot llwyddiannus yn Ento25, rydyn ni wrth ein bodd yn cyflwyno symposia dan arweiniad aelodau fel rhan ffurfiol o'r rhaglen eleni. Bydd y sesiynau hyn yn rhedeg ochr yn ochr â'n sgysiau presennol, gan greu trydydd ffrwd gyfochrog a chynnig hyd yn oed mwy o gyfleoedd ar gyfer ymgysylltu. Mae'r symposia wedi'u cynllunio i roi llwyfan i aelodau arwain trafodaethau, rhannu ymchwil, ac amlygu cynlluniau arloesol newydd mewn entomoleg, ac mae'r symposia'n ganolog i ddiwylliant cydweithio rhwng aelodau Ento.

Fel pe na bai hynny'n ddigon, mae yna ddigwyddiadau cymdeithasol chwedlonol Ento, gan gynnwys Ras y Gynhadledd (peidiwch â gadael i'r Prif Swyddog Gweithredol Simon Ward ei wneud ar ei ben ei hun!), EntoFfasiwn, EntOlympau, a Byg Bingo. Ac wrth gwrs, aelodau RES – peidiwch â cholli'r Cyfarfod Cyffredinol Blyneddol ddydd Mawrth (1–2pm) i gael y wybodaeth ddiweddaraf, etholiadau, ac i gwrdd â'ch Llywydd newydd. Os nad ydych chi'n aelod eto, dewch i sgwrsio gyda'r tîm yn stondin yr RES.

Ar ran pob un ohonom, diolch o galon i'n pedwar cynullydd Ento25 o Brifysgol Bryste, BioMonde, Prifysgol Abertawe, a Phrifysgol Bangor, sydd wedi llunio'r rhaglen wych hon, sydd mor amrywiol â'r pryfed rydyn ni'n eu hastudio – o dacsonomeg ac endosymbiontau i gadwraeth, technoleg, a rhyngweithiadau rhwng pryfed a chymdeithas.

Rydyn ni'n deall y gall cynadleddau fod yn ddwys – rydyn ni'n croesawu pob cynrychiolydd, ac yn enwedig unigolion niwroamrywiol, i gymryd seibiannau pan fo angen. Mae ystafell dawel ar gael ac mae croeso i eitemau synhwyrdd. Mae'r RES wedi ymrwmo i urddas, parch, ac amgylchedd cynhwysol a diogel i bawb.

Edrychaf ymlaen at gyfarfod nifer ohonoch dros y tridiau nesaf.



Jane Stout

**Yr Athro Jane Stout FRES
Llywydd yr RES**





Your Ento26 convenors

We are delighted to be hosting Ento26 in the city of Cardiff and would like to thank the Ento Convenors for their support with the programme planning.

Our Convenors represent four organisations across Wales and the South West: Swansea University, Bangor University, University of Bristol and BioMonde, Bridgend.

Colours of Nuptial flight © Anirban Dutta



Lucy Alford | University of Bristol

Lucy Alford is an invertebrate physiologist at the University of Bristol with an interest in thermal physiology and the mechanisms conferring thermal tolerance. She is particularly interested in understanding how we may use our knowledge of invertebrate physiology to inform the development of targeted landscape management to enhance the thermal resilience of beneficial insects in a changing climate.

Micah Flores | BioMonde, Bridgend



Micah Flores is a Research & Development Project Manager for BioMonde in South Wales. His role supports the pharmaceutical production of *Lucilia sericata* (Diptera:Calliphoridae) for use in larval therapy for chronic wounds. Further to this, his research is evaluating the scalable collection and production of larval excretions/secretions as a platform technology while following current good manufacturing practices and regulatory oversight.

His background is in studying the growth and development of blow flies and their interspecific competition on ephemeral resources with the aim of aiding forensic investigations. This translational use of otherwise public perceived nuisance flies has helped shape his interest in the application of flies for societal use. Following his graduate studies at Texas A&M University, he began researching larval therapy with the U.S. Army for use with wounded soldiers which eventually led to working on a clinical trial using larval therapy for U.S. Veterans with chronic non-healing wounds. He moved from the U.S. to South Wales in 2019 to work for BioMonde.



Wendy Harris | Swansea University

Wendy is an entomologist/ecologist and Associate Professor at Swansea University, UK. She convenes the Royal Entomological Society (RES) Outreach, Education and Culture Special Interest Group, sits on the RES Outreach Committee, and has recently joined the Wood Ant Steering Group. Wendy's research focuses on how insect communities can be enhanced by changing management practices. Her interests include integrating the public into our scientific community through citizen science schemes to collect invertebrate data. She is keen to encourage active engagement with the natural world and disseminate the ecological threats to insects and methods of mitigation.



Benjamin Jarrett, Bangor University

Benjamin Jarrett is a lecturer in Behavioural and Evolutionary Ecology at Bangor University. He uses insects to ask broad evolutionary questions with laboratory experiments like experimental evolution. His current research is investigating the role of sexual selection in adaptation to novel host plants using broad-headed bugs. He also has an interest in invasive species, and how native insect species evolve in response to them.



New Scientist Live 2026

NewScientist Live

Would you like to share the importance of insect science with the general public and young people?

The RES is looking for volunteers for an interactive RES stand at New Scientist Live taking place at Excel London on 10-12 October this year. .

To apply, please scan this code to complete a short form by 13 September



Royal Entomological Society



	Monday 7th September Set up and meetings only	Tuesday 8th September Conference Day 1		
07:00				
08:00		Registration & Refreshments		
09:00		09:00 – 10:15 Conference Welcome & Plenary: Prof. Yamni Nigam		
10:00		10:15 – 10:45 Poster Session & Refreshments		
11:00		10:45 – 12:15 Medical Entomology	10:45 – 12:15 IPM & Pest Control 1	10:45 – 12:15 SYMPOSIA Approaches in Entomology: Methods, Ethics and Philosophies
12:00		12:15 – 13:00 Lunch		
13:00	RES Publications Committee (committee members only)	EXHIBITOR SET UP	13:00 – 14:00 AGM	13:00 – 14:00 Drawing Insects NON-MEMBERS ONLY *
14:00				
14:00	14:15 – 15:45 Agriculture & Agroforestry		14:15 – 15:45 Urban Entomology	14:15 – 15:45 SYMPOSIA Advisory & Diagnostic Services
15:00	15:45 – 16:15 Refreshments			
16:00	RES Council meeting (committee members only)		16:15 – 17:45 Conservation & Diversity	16:15 – 17:45 IPM & Pest Control 2
17:00				
18:00			18:00 – 19:00 President’s Drinks Reception & New Journal Launch	
	Museum Tour 1*			
19:00				
20:00	19:30 – 22:00 Pre-conference mixer The Cosy Club, Hill’s Street		19:30 – 22:00 EntOlympics Tiny Rebel, Westgate St	19:30 – 22:00 Searching for Satyrus Chapter Arts Centre, Market Road
21:00				



	Wednesday 9th September Conference Day 2 & EntoFashion Day				Thursday 10th September Conference Day 3												
07:00	07:00 – 07:45 Conference Run Meet outside Cardiff Castle																
08:00	08:30 – 09:30 Queering Nature: The Politics of “Eww”	08:30 – 09:00 Museum Tour 2*	08:30 – 09:30 Drawing Insects *		08:30 – 09:30 Workshops		08:30 – 09:30 Coffee, Connections & Careers	08:30 – 09:30 How to take better Photos (of Insects)									
					What does Insect Welfare look like?	Drawing Insects*											
09:00	09:30 – 10:30 Plenary: Prof. Corrie S. Moreau																
10:00	10:30 – 11:00 Poster Session & Refreshments				09:45 – 11:15 Pollinators	09:45 – 11:15 Evolution & Behaviour	09:45 – 11:15 SYMPOSIA Vector competence and environmental drivers of vectorial capacity										
11:00	11:00 – 13:00 Interactions	11:00 – 13:00 Methods, Management & Monitoring	11:00 – 13:00 SYMPOSIA Celebrating 200 Years of Entomology (Part I)	11:15 – 11:45 Refreshments													
12:00				11:45 – 13:30 Plenary: Prof. Seirian Sumner & Conference Close													
13:00	13:00 – 14:00 Lunch				13:30 – 14:00 Museum Tour 4*												
			13:15 – 13:45 Entomology Teaching Exchange														
14:00	14:00 – 15:30 Workshops				14:00 – 14:30 Museum Tour 5*												
	15:00	Create a Digital Field Survey Project using QGIS & Mergin Maps	Developing an Insect Careers Resource	The IWRS Husbandry Database	EDI Grants	Programme overview <table><tr><th>KEY</th></tr><tr><td>* Pre-booking required</td></tr><tr><td>Plenary Sessions</td></tr><tr><td>Oral Presentations</td></tr><tr><td>Workshops</td></tr><tr><td>Networking & Activities</td></tr><tr><td>AGM & RES Meetings</td></tr><tr><td>Evening Socials</td></tr><tr><td>Breaks & Refreshments</td></tr></table>				KEY	* Pre-booking required	Plenary Sessions	Oral Presentations	Workshops	Networking & Activities	AGM & RES Meetings	Evening Socials
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16:00	16:00 – 17:30 Anatomy & Physiology	16:00 – 17:30 Climate Change	16:00 – 17:30 SYMPOSIA Celebrating 200 Years of Entomology (Part II)														
17:00	17:30 – 18:30 Pitch a Paper, Posters & Drinks																
18:00	18:30 – 19:00 Museum Tour 3*																
19:00	19:30 – 00:00 Conference Dinner The Parkgate Hotel, Westgate St																
20:00																	
21:00																	

Programme overview

KEY
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Plenary Sessions
Oral Presentations
Workshops
Networking & Activities
AGM & RES Meetings
Evening Socials
Breaks & Refreshments



Plenary speakers

We're thrilled to welcome three outstanding entomologists who bring a wealth of expertise and experience. Throughout the conference, they'll be sharing engaging plenary sessions that highlight their work, and the fascinating world of insects.



Prof. Yamni Nigam, Swansea University

Tuesday 8 September | **09:15– 10:15**
Sir Stanley Thomas Lecture Theatre

Maggots, Microbes, and Molecules: The healing toolkit of a blowfly

Yamni is a Professor in Biomedical Sciences at Swansea University and a Fellow of the Higher Education Academy. She graduated from King's College, London and undertook a Master's degree in Applied Parasitology and Medical Entomology at the Liverpool School of Tropical Medicine. After completion of her doctorate at Swansea University and post doctorate position at Fundaco Oswaldo Cruz she established the Swansea University Maggot Research Group, focusing on the medicinal maggot, *Lucilia sericata*, and the molecules involved in larval therapy. Her team have published widely on their scientific findings and have identified a potent new antimicrobial factor, Seraticin®, from maggot secretions.

Yamni is an author of over 80 peer reviewed articles, book chapters and papers and is an Elected Fellow of the Royal Entomological Society and the Royal Society of Biology. She is also currently leading a project investigating public understanding and perception of the clinical use of maggots on wounds. She also leads the "Love a Maggot!" campaign to improve public understanding of maggot therapy.

In 2018, Yamni was awarded the National WISE Award for Innovation, presented by

HRH The Princess Royal, was selected as one of the WISE20 women in 2020 and was a finalist for her Women in STEM role for the Welsh Chwarae Teg Womenspire Awards. In July 2021, Yamni was awarded a prestigious, student nominated, Swansea University Excellence in Teaching and Learning Award. More recently, she has been invited to work with Welsh Government on the Women in STEM Education sub-group, to better understand and promote gender and ethnic minority equality in STEM education and careers. In 2024, she was shortlisted for a Research and Innovation Award for Outstanding Contribution to Civic Mission.

Yamni has featured in numerous TV, radio and media interviews. She acted as a maggot consultant for the BBC dramas *Casualty* (2018) and *Doctors* (2022), and appeared on BBC *Countryfile* and BBC Radio 4 *Today* discussing maggot therapy and her research. In 2025, she was interviewed by Adrian Masters on *Face-to-Face* about her life, scientific contributions to Wales, and her love of maggots.

Photo credit: Roberto Keller-Perez



Prof. Corrie S. Moreau, Cornell University, Ithaca, New York

Wednesday 9 September
09:30 – 10:30

Sir Stanley Thomas Lecture Theatre

Ants, Plants, and Bacteria: Symbiosis as a driver of evolutionary diversification

Dr. Corrie S. Moreau is the Moser Endowed Professor of Entomology and Ecology and Evolutionary Biology at Cornell University and Director and Head Curator of the Cornell University Insect Collection.

Dr. Moreau earned her Ph.D. in Evolutionary Biology from Harvard University and for her postdoctoral work was a Miller Fellow at the University of California, Berkeley. Before this she completed her undergraduate and master's degrees at San Francisco State University.

Dr. Moreau's work focuses on the evolution of species interactions and features a broad range of taxa including insects, plants, fungi, and microbes, especially those that symbiotically associate with ants. She couples tropical

fieldwork with genomic tools to address the origin of species and how symbiotic systems evolve. She has been a leader in the field of insect phylogenetics, comparative genomic analysis of ant-plant interactions, biogeography and trait evolution, and insect-associated microbiomes to better understand broad-scale evolutionary patterns of life. She has published over 130 scientific papers, including 5 book chapters. In addition to her passion for scientific research, Dr. Moreau is also actively engaged with efforts to promote science communication and increase diversity and inclusion in the sciences.

Dr. Moreau has received numerous awards including being elected a Fellow of the Royal Entomological Society in 2021, a Fellow of the Entomological Society of America in 2020, a Fellow of the American Association for the Advancement of Science in 2018, a Kavli Fellow of the National Academy of Sciences in 2016, a National Geographic Explorer in 2014, and highlighted as a Woman of Impact by the National Geographic Society in 2018. In addition, she has one genus and three species named after her!

Photo credit: Justin Griffiths



Prof. Seirian Sumner, University College London

Thursday 10 September
11:45 – 12:45

Sir Stanley Thomas Lecture Theatre

The World of Wasps: From science to sci-com and back again

Seirian is a Professor of behavioural ecology at University College London. She studies insects to understand their behaviour, ecology, evolution, their role in ecosystems, and our relationships with them. She is especially interested in wasps, the diversity of which provide models to understand the evolution and mechanisms of behavioural responses to the environment, via phenotypic plasticity and trait evolution, including social evolution, reproductive and life-history strategies. Her approaches include field ecology, behaviour, genomics, transcriptomics and comparative analyses.

She is also interested in the ecological and cultural importance of wasps – both of which

are greatly under-appreciated – and how they can be used as a vehicle for shifting people's perceptions of nature; accordingly, her public-facing work aims to give wasps a PR makeover. As part of these efforts, she co-founded the Big Wasp Survey in 2017 – a citizen science project to engage the public with social wasps in their back yard. In 2022, her book *'Endless Forms: Why You Should Love Wasps'* was published, giving everyone a reason to better appreciate wasps. In 2024, she was nominated to the Explorer's Club EC50 Class of 2024 as one of 50 people changing the world, who the world needs to know about; and in 2025 she helped UCL's Grant Museum of Zoology put on an art-science exhibition – *World of Wasps*. Seirian is regularly interviewed about wasps in the mainstream media, including recent appearances on ARTE, CNN, Sky, and Radio 4's Infinite Monkey Cage, Today, Start the Week, Curious Cases and Evil Animals.

Seirian is a passionate science communicator and works hard to help tackle inequality in science: she co-founded Soapbox Science in 2011 to help promote the visibility and profile of women in science. This initiative has expanded nationally and internationally to over 25 destinations worldwide involving over 600 female scientists. Through this initiative, she has received several awards, including recognition from the UK Prime Minister (Points of Light Award), a Silver Medal from the Zoological Society of London and the first Equality and Diversity award from the British Ecological Society.



Bee-fly – Diptera: Bombyliidae
(*Bombylius venosus*)
© Sven Damerow





Workshops

You are welcome to attend any workshops at the designated times, and most do not require advance booking. Simply come along to the one that interests you.

Please note that Lizzie Harper's Insect Drawing Workshop is taking place three times but has limited capacity, so please sign up at the registration desk in advance. Lizzie's Tuesday workshop takes place at the same time as the AGM so is for non-members only.

Tuesday 13:00 – 14:00

Drawing Insects with Lizzie Harper (non-members only)

Room 2.28

Facilitator: Lizzie Harper,
Freelance Botanical and
Natural History Illustrator



Working from specimens in resin, you'll get to loosen up with quick sketches before spending a little more time working on detailed line drawings of insects using pencil or pen. Lizzie is known for being an encouraging and enthusiastic tutor, and this workshop is suitable for all abilities.

Due to limited capacity, pre-booking is required to ensure an interactive experience. This workshop will be held three times during the conference. As the Tuesday session takes place at the same time as the AGM it is reserved for non-members only.

Wednesday 08:30 – 09:30

Drawing insects with Lizzie Harper (a repeat of Tuesday's workshop)

Room 2.28

14:00 – 15:30

Create a Digital Field Survey Project using QGIS & Mergin Maps

Room 1.24

Facilitator: Claire Birnie, Maptastic

Join this practical, hands on workshop designed for entomologists who want to explore digital data collection in the field using QGIS & Mergin Maps. You'll explore how GIS technology streamlines surveying, reduces errors, and automates essential data capture such as location, time, environmental conditions, and photographs all within a single workflow.

Through guided exercises, you'll learn how to prepare spatial layers, create attribute schemas tailored to entomological surveys, and design user friendly data entry forms that work seamlessly in outdoor conditions. We'll cover best practices in symbology, form design, and project setup to ensure your data collection is accurate, consistent, and easy to manage.

Participants will need:

- Laptop with QGIS version 3.40 installed AND
- Mobile or tablet device with Mergin Maps installed



14:00 – 15:30

Developing an Insect Careers Resource

Large Chemistry Lecture Theatre

Facilitator: Fran Sconce, Senior Outreach & Learning Officer, The Royal Entomological Society

The RES is working on a resource to communicate careers in insect science, with an aim to highlight different disciplines, pathways, and backgrounds in entomology, to young people in the UK.

In this workshop, we plan to share the initial version of the resource, hear from delegates about where and when they first encountered insect careers, and how this resource can be developed to improve accessibility and awareness.

The IWRS Husbandry Database: A Collaborative Resource for Insect Care

Room 2.25

Facilitators: Meghan Barrett & Bob Fischer, IWRS

The Insect Welfare Research Society is developing a searchable, open-access database documenting husbandry protocols for arthropod populations managed for research purposes. Unlike traditional care guides that prescribe a single 'correct' approach, this database allows the community to articulate many approaches to arthropod husbandry, reflecting different research contexts, institutional resources, and best judgments about the needs of particular species or under particular experimental constraints.

The goal of this workshop is to introduce the database, solicit feedback to improve its usefulness to the RES community, and begin building new entries in the database to broaden its coverage.



14:00 – 15:30

EDI Grant Workshop

Sir Stanley Thomas Lecture Theatre

Facilitators: Anne Weinhold, Allan Watt, & RES EDI Committee Members

This workshop will showcase the work of the 2025 EDI (Equality, Equity, Diversity & Inclusion) Grant recipients, offering insight into their impact, learning, and achievements.

The second part of the workshop will shift focus to the future, providing an opportunity for participants to pitch ideas for the 2027 EDI Grant round. Attendees will receive constructive feedback from the RES EDI committee, helping to refine proposals and strengthen applications.

Thursday 08:30 – 09:30

Drawing Insects with Lizzie Harper (a repeat of Tuesday & Wednesday workshops)

Room 2.28

What does Insect Welfare look like?

Room 1.24

Facilitator: Lee Johnson, Harper Adams University

Modern zoological collections are uniquely positioned to not only challenge insect population declines with captive breeding programmes and reintroductions, but to highlight their plight and raise their profile amongst an often-indifferent public – yet across UK collections, numbers and ranges of species held are decreasing.

This workshop forms part of a wider project to develop a specific welfare assessment tool that will enable all zoological collections to easily, consistently and effectively monitor and improve the welfare of terrestrial invertebrates within their care, so please join us for us for your chance to make a vital contribution and help promote insects in zoos and beyond.



Around the Conference

Poster sessions

View the posters, engage with presenters, and ask questions over drinks or during the breaks. Remember that there are posters on levels 3 & 4 so make sure you take time to visit both floors.

Bug Bingo!

A fun way to get involved in different activities and network throughout the conference. Pick up your Bingo card at registration. If you get five squares in a row, you've got a bingo, with prizes available. If you complete all squares first, you get a full house with a special prize!

EntoDex

Master our bug hunt by finding all the limited edition cards belonging to the five primary index categories that insect species have been divided into – Recyclers, Synergisers, Aquatics, Hunters, and Evolutionaries.



How to play:

1. Visit posters, exhibition stands, and communal areas to find cards and unlock new taxa, with a fun fact on each limited edition card.
2. Trade cards whilst networking with fellow delegates to help complete your set or just keep the ones you like the best.
3. Cards are limited – please only take one card from each location to give everyone a chance to play.

The images featured are edited versions of wonderful examples from our Insect Week photography competition, and others that feature in our publications or on our website. These cartoon-style edits are for entertainment use within the bounds of this conference. All images are credited with the photographer's name and AI disclaimer. Image editor: Animeify via Canva.

Create your study insect

Get your artistic juices flowing and make a piece of art about your study insect(s). Paper, pens and plasticine are available alongside a board to display your final creations. Share your designs on social media and tag us at #Ento26.



Book of Obligations

If you are Fellow of the Royal Entomological Society, you can sign your name in the Book of Obligations at the RES library stand. Your signature will sit alongside notable entomologists, renowned scientists, and royalty, including Charles Darwin, Alfred Russel Wallace, and Queen Elizabeth II, in this historic document signed by Fellows since 1833.

Museum Collection Tours

Visit the Entomology Collection at Amgueddfa Cymru (Museum Wales), holding one of the largest insect collections in the UK and over 1 million pinned specimens. In addition, they have fluid preserved collections of spiders, millipedes, centipedes and other terrestrial invertebrates. The UK collections cover all insect orders and represent most UK species, with coverage in most orders of around 70–80%. Non-UK collections are diverse but with significant holdings in Hemiptera, Diptera and Coleoptera.

There are five tours available throughout the event, but **places are limited so please sign up at the RES registration desk**. For tours outside of opening hours, access will be via the staff entrance (see registration desk for more information).

Wednesday 9 September

EntoFashion

Wear your entomology finest, anything from socks and patterned clothing to your own entomological creation. Our Student Representatives will be photographing their favourites, with the top dressed winning a prize. Feel free to share using #EntoFashion.

Thank you to The Roving House for their generous donation of prizes.



Conference Fun Run

07:00 – 07:45

Meeting point: Cardiff Castle Entrance, Castle Street

Start your day on the right foot with our Pre-Conference Run! Join The RES's Simon Ward and Tom Leeman, for an informal run to energise your day and connect with others. All paces welcome.

Queering Nature: The Politics of "Eww"

08:30 – 09:30 | Room 2.25

Join Connor Butler, Entomologist and Environmental Educator in exploring what disgust can teach us about nature, society and ourselves. Using insects and other overlooked creatures as a starting point, we'll discuss why some bodies, behaviours and species are labelled strange, dirty or unnatural, and how Queer perspectives can help us challenge those assumptions.

Pitch a Paper

18:15 – 19:00 | RES Publications Stand

Do you have a paper that you're looking to submit? Our journal editors will be on hand at the RES stand to give feedback. Bring along some of your key findings and ask the editors for submission advice.

Entomology Teaching Exchange

13.15 – 13.45 | Level 2 seating area

If you teach entomology (at any level) and are interested in joining an entomology teaching network to share good practice, problem solve, and potentially create collaborative pedagogic research opportunities, please come along to this informal meeting. Feel free to bring lunch!



Sir Hopper of de Grass
© Pedro Isidoro

Conference Dinner

19:30 – Midnight

Parkgate Hotel, Westgate Street

If you purchased a ticket in advance, join us at the Parkgate Hotel to for a welcome drink, buffet dinner, entertainment and dancing. The hotel is a 15–20-minute walk from the conference venue. Your dinner ticket can be found in your name badge. If you have not purchased a ticket and wish to attend, please check with the RES team if there are places available.

Thursday 10 September

Coffee, Connections and Careers

08:30 – 09:30 | Level 2 seating area

An informal early career session to bring together researchers at all stages to explore the range of career possibilities within entomology. Attendees can gain practical support on career options, career stages, funding, research skills, professional development, EDI, work–life balance, and more! This relaxed drop in session offers a supportive space to ask questions, share experiences and build meaningful connections over coffee.



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Exhibitors

We're delighted to welcome our exhibitors and encourage you to take the opportunity to connect with them, ask questions, and explore ideas that could support and enhance your work. You'll find the exhibition areas on Levels 3 & 4 near the catering stations.



New Books from the RES

Perfect for insect enthusiasts of all ages - find out more at the stand

Drop by the RES Hub to explore our latest popular science publishing.

New for 2026:



How to be a Dragonfly
October 2025



Insectarium Junior Edition
February 2026



How to be a Dung Beetle
June 2026



How to be a Bumblebee
February 2027



Read more about
RES Books

Presenter guidelines

Talks

All presentations must be uploaded in your session room at the venue. You will not be able to use your own laptop. Please upload your talk at least two hours before the start of your session, and attempt to upload your presentation the day before, particularly if you are speaking in a morning session. The session rooms will be open during the core hours of the conference, with an AV volunteer on hand to help.

There are three main session rooms, the Sir Stanley Thomas Lecture Theatre in the main building, and the Large and Small Chemistry Lecture Theatres in the building opposite. Please ensure you are clear on which room you are speaking in.

Please arrive at your session 15 minutes before the start of the session to introduce yourself to the Chair. Please ensure you are clear on how long your talk should be, leaving time for questions. The session Chair will keep you to time, signalling when you have 5 minutes and 1 minute of speaking time remaining.

Where there are microphones available, please ensure these are used so that everyone in the room can hear you.

Posters

All posters will be located in the level 3 and 4 foyers and arranged according to your poster number, which are indicated in the programme.

You can put your poster up anytime from 08:00 on Tuesday 8 September and we recommend having this in place before the first coffee break. Posters must be dismounted from the boards by 13:30 on Thursday 10 September. Any remaining posters may be disposed of.

There are dedicated posters sessions in the programme and opportunities to speak to delegates about your work during breaks.

Student prizes

Thank you to CABI for kindly providing prizes for best talk and best poster, and runner up prizes. Delegates will be asked to vote on the final day of the conference so look out for a QR code and link.

Sharing content

We encourage delegates to share updates from the conference on social media using **#Ento26**. It's a great way to connect with colleagues who aren't attending and to highlight important research being presented. However, if you do not wish your research to be shared, we suggest you use one of the following images.

If you have any questions about your presentation, please ask a member of RES staff.



Royal
Entomological
Society

1 December 2026
Online

Virtual Student Forum

This one-day online forum will feature keynote presentations, student talks, and virtual poster sessions, providing an opportunity to share research and connect with others across the entomological community, and the globe.

Submit Your Abstracts
Deadline: Friday 23 October

Register today

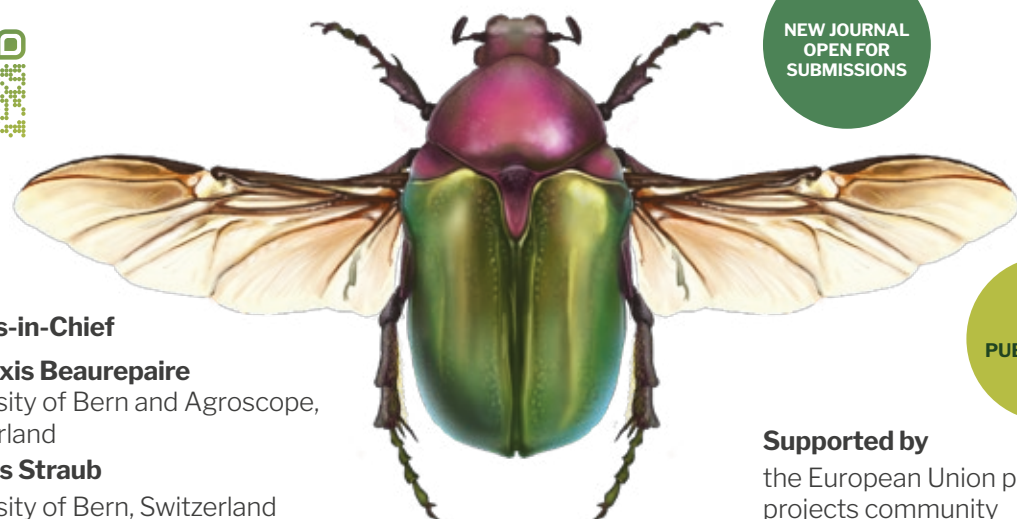


Submissions are welcome from all areas of entomological research, and can be presented as an online talk, flash talk, or poster presentation.



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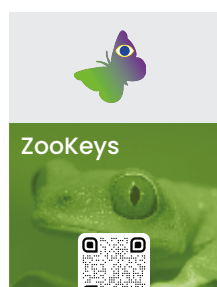
Cetonia aurata pilsana Heer, 1841
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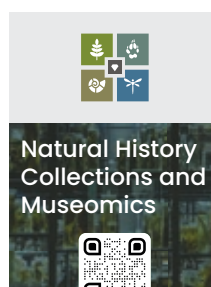
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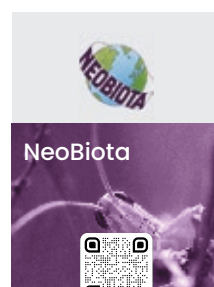
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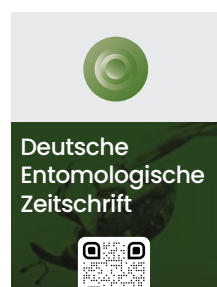


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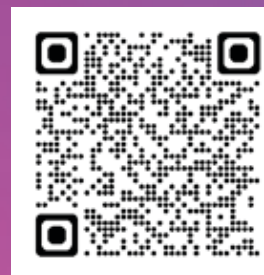
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Oral presentations

Please note only the presenter's name and title of the presentation is
listed in the printed programme. For a full list of authors and abstracts
you can view the abstract book online via the QR code below.



Our Early Career Researcher Prize Winners
are indicated below with a



Tuesday 8 September

Medical Entomology

Large Chemistry Lecture Theatre

Chair: Micah Flores, BioMonde



10:45 Talal AL Yazeedi, United Arab Emirates University

The metabolic resistance blueprint: Genomic dissection of DDT resistance in historical kdr
free East African *Anopheles gambiae*

11:00 Kate Barnes, University of Derby

Environmental and seasonal influences on blow fly flight and oviposition activity in the East
Midlands; supporting more accurate interpretation in forensic investigation

11:15 Arun Prakash, University of Edinburgh

Beyond pathogen clearance: Immune regulation, disease tolerance and immune priming in
Drosophila

11:30 Beth Jetson, Durham University

A Novel Primer Set for Mosquito DNA Metabarcoding and Applications to Larval Food Webs

11:45 Charles Arokiyaraj, Sathyabama Institute of Science and Technology

Phenotypic plasticity and a transcriptomic osmotic threshold underpin salinity adaptation
in *Aedes aegypti*

12:00 Ellie Jameson, Bangor University

Synergy between bacteriophages and larval alimentary product as antimicrobials



Tuesday 8 September

IPM & Pest Control 1

Small Chemistry Lecture Theatre

Chair: Daniel Leybourne, Liverpool University & The Agri-Food and Biosciences Institute



- 10:45 Frankie Amanesih, University of Greenwich/National Institute of Agricultural Botany**
Fungal-derived technology for control of the invasive pest, *Drosophila suzukii*
- 11:00 Raimondas Mozūraitis, The State Scientific Research Institute Nature Research Centre**
Aggregation pheromone for managing the fruit fly *Rhagoletis batava*, a sea buckthorn berry pest
- 11:15 Elena Krimmer, Kyoto University**
A customized flower mixture to enhance natural pest control by *Orius* in vegetable production
- 11.30 Lucas dos Santos Silva, Universidade Federal de Goiás (UFG)** 
Effects of *Metarhizium humberi* conidia formulated with micronized carnauba wax on self grooming behaviour by *Aedes aegypti* adults
- 11.45 Rory Jones, RSK ADAS**
Insecticide resistance monitoring 2025–26
- 12.00 Anusha Mohan Kumar, Rothamsted Research**
Semiachemical-based alternative concepts for the management for wireworms



SYMPOSIA: Approaches in Entomology: Methods, Ethics and Philosophies

Sir Stanley Thomas Lecture Theatre

Chair: Jordan Cuff, Newcastle University



- 10:45 Jordan Cuff, Newcastle University**
Approaches in entomology: accelerating innovation, interdisciplinarity and insight through dissemination of advances to methods, philosophies and ethics across insect science
- 11:00 Meghan Barrett, Indiana University Indianapolis**
Feeding adult black soldier flies their preferred foods increases mating activity, egg output, and longevity
- 11:15 Junho Yoon, Lund University**
From Visual Symptoms to Quantitative Endpoints: Computer Vision Approaches in Insecticide Toxicology
- 11.30 Graziella Iossa, University of Lincoln**
Integrating microclimate into field studies of fertility
- 11.45 Fred Windsor, Cardiff University**
Merging methods for detecting ecological interactions and ecosystem functions
- 12.00 Q&A Session**



Agriculture & Agroforestry

Large Chemistry Lecture Theatre

Chair: Michael Garratt, University of Reading



- 14:15 Cerian Webb, Forest Research**
Using atmospheric dispersion modelling to assess potential origins of *Ips typographus* incursions into Great Britain
- 14:30 Leah Vogelfänger, Ulm University**
Silvicultural heterogeneity enhances functional diversity of beetles, bees and spiders after disturbance
- 14:45 Anastasia Uglow, Forest Research**
Host Responses and Potential Diagnostic Tools for Emerald Ash Borer in European Ash
- 15:00 Marie Joy Beltran, University of Stirling**
How do pest natural history, habitat heterogeneity and management strategy affect resistance evolution? A simulation study in the Mango Cecid fly
- 15:15 Neelendra Joshi, University of Arkansas Fayetteville**
Impact of Pasture Management Practices on Bee and Beneficial Insect Communities in Livestock Pasture Systems
- 15.30 Abigail Enston, Aberystwyth University**
Designing Traps from the Beetle Up: Evaluating Achromatic Brightness and UV Reflectance in Bark Beetle Monitoring

Urban Entomology

Small Chemistry Lecture Theatre

Chair: Wendy Harris, Swansea University



- 14:15 Yanan Liu, University of Sheffield**
NOx disrupts tree performance and insect development in urban ecosystems
- 14:30 Matthew Sparks, Swansea University**
I Spy with My Compound Eye: Modelling Fly Vision to Rethink Urban Fly Control
- 14:45 Moshe Gish, University of Haifa**
Fatal Attraction: Outdoor Bug Zappers Capture Few Mosquitoes While Indiscriminately Killing Diverse Non-target Insects
- 15:00 Stephanie Glendinning, University of Sheffield**
Abiotic urban stressors and plant-pollinator interactions: a multi-year field experiment
- 15:15 Isma Maqbool, University of Eastern Finland**
Floral volatiles of a keystone generalist plant support pollinator-community even in traffic polluted environments
- 15.30 Shannon Keenan, University of Strathclyde**
Longer calls, shifted ears: urban soundscape effects in *Omocestus viridulus*



Tuesday 8 September



SYMPOSIA: Advisory and Diagnostic Services

Sir Stanley Thomas Lecture Theatre

Chairs: Anna Platoni, Forest Research and Josie Stuart, RHS

14:15 Chris Malumphy, Fera Science Limited

Insect plant pests moving in trade

14:45 Anna Platoni, Forest Research

Forest Research Insect Surveillance: From Routine Monitoring to Rapid Response

15:00 Ben Brough, Royal Horticultural Society

From discovery to distribution: a gardening diagnostic service enables rapid monitoring of a novel aphid-plant interaction

15:15 Lewis Armstrong, CABI

Supporting Pest Risk Assessment with Dynamic Data: a case study of *Bactericera cockerelli*

15.30 Carolyn Mitchell, James Hutton Institute

Monitoring and control of the Spotted Wing Drosophila in Scotland – development of an integrated pest management system



Conservation & Diversity

Large Chemistry Lecture Theatre

Chair: Benjamin Jarrett, Bangor University



16:15 Christopher Williams, Liverpool John Moores University

Sciomyzidae (Diptera) assemblages in constructed and natural wetlands: implications for constructed wetland design

16:30 Hugh David Loxdale, University of Cardiff

Positive & Negative Ecology, with special reference to butterflies

16:45 Lydia Thompson, University College Dublin

Genomic insights into rarity and resilience: population structure and genetic diversity in two threatened Irish bumblebees

17:00 Heather Campbell, Harper Adams University

Promoting insect conservation through primary school teaching

17:15 Kelly Jowett, Rothamsted Research

Capturing biodiversity in farmland: informing better practice

17.30 Alice Walker, University of Edinburgh

Habitat condition assessments poorly capture hedgerow quality for wild pollinators

IPM & Pest Control 2

Small Chemistry Lecture Theatre

Chair: Helen Roy, UKCEH and University of Exeter



16:15 Helen Roy, UKCEH and University of Exeter

Predicting and mitigating pest insects on the horizon: case study from small island nations

16:30 Lauren Diepenbrock, University of Florida

Exploring a novel management tool for Chilli thrips, *Scirtothrips dorsalis*

16:45 Junho Yoon, Lund University

Synergistic transition from type-I-like to type-II-like symptomology in a pyrethroid mixture and its impact on knockdown-mortality relationships in *Musca domestica* L.

17:00 Elsa Heywood, University of Oxford

Environmental experience shapes innate parasitoid behaviour

17:15 Abhinav Maurya, Apex Bait Technologies, Inc.

OliveGard: a reduced-risk attract-and-kill liquid bait for olive fly (*Bactrocera oleae*) management

17.30 Amy Bateman, University of Bristol

Sublethal effects of a novel 'bee-friendly' pesticide on a beneficial parasitoid (*Aphidius ervi*) and biological control efficacy



Tuesday 8 September



SYMPOSIA: Direct and indirect effects of anthropogenic global change on insects



Sir Stanley Thomas Lecture Theatre

Chairs: Shannon Murphy, University of Denver and Sheena Cotter, University of Lincoln

- 16:15 Mariana Abarca, Smith College**
Host expansions and resilience: Can a wetland butterfly venture into drier habitats?
- 16:30 Luke Crosby, University of Lincoln**
Direct and indirect effects of climate change on insect reproduction
- 16:45 Mayra Vidal, University of Massachusetts Boston**
Quantitative synthesis of the effects of drought on community composition and species interactions in terrestrial ecosystems
- 17:00 Daniel Leybourne, Liverpool University and Agri-Food and Biosciences Institute**
The structure and functioning of the agricultural landscape can influence the formation of microbial partnerships in herbivorous insects
- 17:15 Sofia Gripenberg, University of Reading**
Aphid and parasitoid responses to drought: A role for bacterial endosymbionts?
- 17:30 James Gilbert, University of Hull**
Multi-faceted effects of climate warming upon mason bee reproduction

Wednesday 9 September

Interactions

Large Chemistry Lecture Theatre

Chair: Shannon Murphy, University of Denver



- 11:00 Rosy Christopher, Newcastle University**
Friend, Foe or Freeloader: Using molecular methods and community science to investigate the ecological outcomes of a potential arachnid-plant commensalism
- 11:15 Matthew Greenwell, University of Reading**
Pre-dispersal insect seed predation patterns in a tropical forest
- 11:30 Junchen Deng, Natural History Museum, University of Copenhagen** 
Contrasting and convergent patterns of replacements of ancient heritable symbionts by Ophiocordyceps fungi in three clades of sap-feeding hemipteran insects
- 11:45 Leo Carroll, University of Reading**
Investigating the impact of drought conditions on aphid pastoral interactions with the black garden ant *Lasius niger*

12:00 Benjamin Midgley, Nottingham Trent University

The effect of heathland habitats on the oviposition of the Silver-studded Blue butterfly (*Plebejus argus*) and the health of associated ant mutualists

12:15 Lucy Morley, University of Oxford

Spatiotemporal Variation in Tree Phenology and Caterpillar Phenology, Abundance, Diversity and Productivity on Individual Host Oak Trees (*Quercus robur*)

12:30 Anna Wright, Royal Botanic Gardens, Kew

Shedding light on the causes of bumblebee mortality under silver lime trees

12:45 Michael Bennett, UKCEH and University of Reading

Metagenome-Resolved Metabolic Dependencies in Honeybee Microbiomes Across Environmental Gradients

Methods, Management & Monitoring

Small Chemistry Lecture Theatre

Chair: Lucy Alford, University of Bristol



11:00 Laura Sharp, Scotland's Rural College

Turning down the heat: does reduced-intensity prescribed burning have conservation potential for moorland moths?

11:15 Will Dawson, Newcastle University and Fera Science Ltd

Noisy Eaters: Integrating ecoacoustics and DNA metabarcoding to construct soil invertebrate trophic networks for scalable and context-rich biomonitoring

11:30 John Bloomfield, University of Reading

Citizen science records reveal how insects have responded to a warming climate in Britain over the last 45 years

11:45 Alicja Witwicka, Wellcome Sanger Institute

BIOSCAN UK: Scaling up spatio-temporal insect diversity monitoring through specimen-level DNA barcoding

12:00 Jamie Alison, Aarhus University

Insect monitoring without pitfalls: seven steps for robust insect sensing systems

12:15 Beulah Garner, Natural History Museum, London

The future of entomological databases

12:30 Gideon Gywa Deme, TCSMT, University of Turku and University of Jos

Importance of digital ecology for improved insect species conservation efforts in the tropics

12:45 Filipe Machado França, University of Bristol and Federal University of Pará

Six taxa, three continents: lessons from building a pan-tropical insect monitoring network



Wednesday 9 September



SYMPOSIA: Celebrating 200 Years of Entomology (Part I)

Sir Stanley Thomas Lecture Theatre

Chairs: Jane Hill, University of York and Chris Lyal, Entomological Club

- 11:00 Chris Lyal, Entomological Club**
Setting the scene for the symposium
- 11:15 Charles Godfray, Oxford University**
200 years of entomology and what comes next
- 11:45 Tiffany Ki, University of Cambridge**
Examining two centuries of change in insects
- 12:00 Liam Crowley, University of Oxford**
The Darwin Tree of Life Project: How and why we are attempting to sequence a complete regional flora and fauna.
- 12:15 Sam Cook, Rothamsted Research**
Back to the Future? Management of insect pests in agriculture: past, present and future
- 12:30 Sarah Meredith, Royal Entomological Society**
The impacts of advancing insect science and knowledge on the conservation of Large blue butterfly (*Phengaris arion*) over the past 200 years
- 12:45 Erica McAlister, Natural History Museum, London**
Friend or Foe – Our Engagement with Entomology

Anatomy & Physiology

Large Chemistry Lecture Theatre

Chair: Cecilia Tamborindoguy, Texas A&M University



- 16:00 Hollister Herhold, American Museum of Natural History**
Tracheae and Haemoglobins: Morphological and molecular adaptations for respiration in insects
- 16:15 Sofia Samoylova, University of Bristol**
Effects of Reproductive State and Sex on Thermal Tolerance in a Viviparous Ectotherm
- 16:30 Lucy Alford, University of Bristol**
Rethinking plant diversification schemes: leveraging insect physiology to enhance insect support and ecosystem service provision in a changing climate
- 16:45 Madeline Park, Newcastle University**
Characterising novel nutrient transporter proteins from *Bemisia tabaci*
- 17:00 Daniel Estiven Quiroga Murcia, INRAE Sophia Antipolis**
The leg, a site for xenobiotic detoxification?
- 17:15 Carlos Martel, Royal Botanic Gardens, Kew**
Pollen and sterol content differentially affect solitary bee development



Climate Change

Small Chemistry Lecture Theatre

Chair: Tom Rhys Bishop, University of Cardiff



- 16:00 Joseph Ibrahim, University of Glasgow**
Integrating Phenological and daily temporal patterns to optimize butterfly monitoring effort in the West African Savannahs
- 16:15 Craig Macadam, Buglife – The Invertebrate Conservation Trust**
Ain't no mountain high enough: Saving the Upland summer mayfly
- 16:30 Alycia Lackey, University of Louisville**
Responses to climate warming: repeatable direction but species-specific magnitudes of effects on phenology and survival
- 16:45 Lewis Hawksworth, University of Chester**
Damsels in Distress? Will damselflies in the UK, North West, be able to withstand the thermal pressures of climate change?
- 17:00 Sacchi Shin-Clayton, University of Cambridge**
Insect Responses to Early-Stage Riparian Restoration in Oil Palm Landscapes
- 17:15 Robert Bradley, University of Bristol**
Cross-trophic transfer of cold tolerance in a host-parasitoid system



SYMPOSIA: Celebrating 200 Years of Entomology (Part II)

Sir Stanley Thomas Lecture Theatre

Chairs: Helen Roy, UKCEH and Ed Turner, University of Cambridge & Cambridge University Museum of Zoology

- 16:00 Ed Turner, University of Cambridge & Cambridge University Museum of Zoology**
Championing a greater role for insects in education and public engagement
- 16:15 Chris Hassall, University of Leeds**
Weather radars for national-scale entomological research and monitoring
- 16:30 Grace Slade, UK Centre for Ecology & Hydrology / University of Reading**
New Approaches to Understanding Insect Change: Learning from the Past, Monitoring for the Future
- 16:45 Jane Hill (Chair) and Charles Godfray, Liam Crowley, Jane Stout, Helen Roy (Panel)**
Q&A Panel Session





Royal Entomological Society
Special Interest Group
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Tom Berry
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Marc Pignitter
University of Vienna

Keynote Speakers



Insect Hour



Royal Entomological Society

Insect Hour is our free online event series designed to open up insect science to everyone, from professional entomologists to curious newcomers reaching far across the globe. Each session brings a leading researcher and communicator to share fascinating insights into the insect world and its connection to society, science and the environment.

Insect Hour will be held every second Wednesday of the month* from 1pm-2pm (London, UK Time), excluding August, September, and January.



[Read more and register now - it's free!](#)







Thursday 10 September

08:30 – 09:30

How to take better photos (of insects)

Sir Stanley Thomas Lecture Theatre

Speaker: Dr Tim Cockerill FRES, Entomologist, Broadcaster, Photographer and RES Photography Competition Judge.

In this broad-ranging talk, Tim will share simple, effective ways to improve your insect photography. Drawing on years of experience capturing the natural world, Tim will focus on techniques that apply whether you're using a smartphone in the field or a full macro setup.

Designed for all levels of skill and experience, this session will cover approaches you can apply immediately, as well as insights into how strong images can enhance scientific communication and public engagement.

Dr Tim Cockerill FRES



Pollinators

Large Chemistry Lecture Theatre

Chair: James Gilbert, University of Hull

09:45 Isaac Badu, University of Edinburgh

The relationship between honeybee abundance and wild pollinator communities in heather moorlands

10:00 Philip Donkersley, Lancaster University

Glyphosate disrupts bumblebee circadian rhythms

10:15 Charlie Hackforth, University of Bristol

The role of nocturnal moths in pollen transport in the central Congo peatland forests

10:30 Mae Uniacke, Royal Botanic Gardens, Kew

Pollination success in two orchid genera with distinct pollination mechanisms varied over the last 200 years

10:45 Gugulethu Tarakini, University of KwaZulu Natal

Pollinator Governance in Developing Countries: Lessons from Zimbabwe's Policy Framework

11:00 Clare Boyes, Harper Adams University

Pollen foraging as a route of microplastic foraging in solitary bees



An Epeolus sp bee on common Ragwort (c) Jamie Spensley



Thursday 10 September

Evolution & Behaviour

Small Chemistry Lecture Theatre

Chair: Sheena Cotter, University of Lincoln



09:45 Emily Gilford, University of Exeter

Do sublethal pesticides alter antipredator behaviour in wild insects?

10:00 Shannon Murphy, University of Denver

Local adaptation in herbivorous insects: a meta-analysis

10:15 Jon Richardson, University of Glasgow

Too hot to care: Competition exacerbates the effects of heatwaves in the burying beetle *Nicrophorus vespilloides*

10:30 Jan Kreider, Lund University

The emergence of sociality and division of labour during the evolutionary transition to eusociality

10:45 Corentin Jouault, Oxford University Museum of Natural History

Deep-time diversification of insects: testing the roles of biotic interactions and major environmental events

11:00 Joe Rees, University of Lincoln

That's Gonna Leave a Mark: The larval environment drives adult warning colouration in a carrion beetle



SYMPOSIA: Vector competence and environmental drivers of vectorial capacity

Sir Stanley Thomas Lecture Theatre

Chairs: Marion England, The Pirbright Institute, and Arran Folly, Animal and Plant Health Agency

09:45 Marion England, The Pirbright Institute

Introduction

09:50 Nick De Regge, Sciensano

Vector competence of indigenous Belgian mosquitoes for West Nile virus under different temperature conditions

10:15 Laura Jones, The Pirbright Institute

Environmental drivers of virus transmission by *Culicoides* biting midges

10:37 Calam Bruce, APHA

Multiple species of native mosquitoes may be involved in Usutu virus circulation and maintenance in temperate zones



10:49 Scott Tytheridge, APHA

The nutritional landscape is an important modulator of *Aedes albopictus* fitness and vector competence

11:01 Emilie Pondeville, University of Glasgow

Mosquito Scotland: Assessing the risk of mosquito-borne diseases in Scotland and their response to environmental change

11:13 Eva Heinz, University of Strathclyde

The microbiome's journey through the mosquito developmental cycle

11:25 Marion England, The Pirbright Institute

Close

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Poster presentations

All posters are displayed in the Level 3 and Level 4 foyers. Posters marked with a coloured dot have been entered into the Student Poster Competition.

Please note only the presenter's name and title of the presentation is listed in the printed programme. For a full list of authors and abstracts you can view the abstract book online via the QR code.

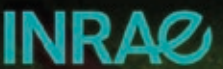


- P1 Safinatu Ameen, University of Greenwich**
Hoverfly use for the pollination of commercial soft fruits
- P2 Anjana Anilkumar, Union Christian College, Kerala, India**
Unsilencing a Hotspot: First Acoustic Baselines and Microclimate Vulnerabilities of Western Ghats tropical Cicadas
- P3 Ayman Asiri, GWCT, The Allerton Project**
Moth to a Flame, Moth to a Tree: The Value of Silvopasture for Moth Populations
- P4 Femi Benny, University College London**
The role of social insects in food security: A case study from Nagaland, India
- P5 Jacqueline Brandt, The James Hutton Institute**
Monitoring Spotted Wing Drosophila – changes in abundance and activity in Scotland since 2013
- P6 Fatma Bursali, Aydin Adnan Menderes University**
Priority Effects and Niche Modification in Competing Mosquito Larval Assemblages
- P7 Jayapriya C S, Birla Institute of Technology and Science, Pilani K K Birla Goa Campus**
From Biochemical to Functional insights of Ornithine decarboxylase in *Aedes aegypti*
- P8 Marta Chignola, Free University of Bozen-Bolzano; Laimburg Research Centre**
Inside out: characterizing the microbial community of a newly invasive aphid in Europe and its impact on host fitness and defence
- P9 Ciaran Clark, Bees for Development**
The Bees of Monmouthshire Recording Project: addressing a taxonomic imbalance in recording
- P10 Peter Convey, British Antarctic Survey and University of Johannesburg**
Accelerating range expansion and habitat occupation by the invading chironomid midge, *Eretmoptera murphyi*, on Signy Island, South Orkney Islands
- P11 Thomas Dally, Forest Research**
Investigating historic patterns in the establishment of invasive plant-associated insects in the UK
- P12 Molly Davidson, Forest Research**
Evidenced-based impacts of severe weather events on forestry pests in Scotland: a meta-analysis
- P13 Christopher Davies, Swansea University**
Unearthing the ecology of the strandline beetle (*Eurynebria complanata*)
- P14 Sian Davies, Cardiff University**
Exploring the thermal tolerances of freshwater invertebrates pre-exposed to acute zinc treatments



Royal Entomological Society
Special Interest Group Hemiptera

The RES is delighted to be working with the Aphid Research Network BAPOA, supported by INRAE on this joint event



29 – 30 October 2026
UCLouvain, Brussels
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Deadline: 17:00 (BST), Friday 16 October

Hemiptera SIG

Special Interest Group 2026

Keynote Speakers



Prof. Thierry Hance
Université de Louvain-la-Neuve



Prof. Saskia Hogenhout
John Innes Center



Dr Emmanuelle Jousset
INRAE CBGP Montpellier





P15

Nicola Dempster, James Hutton Institute

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Nika Jachowicz, University of Copenhagen

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Ioanna Kollia, Animal and Plant Health Agency

Enhanced retrospective arbovirus surveillance in UK mosquitoes for Batai and Sindbis viruses

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Tommy Matthews, University of Leeds

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Ailsa Miller, Forest Research

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Awatif Khidir Omer Yousif, Nile Valley University-Sudan

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Candice Owen, Chester Invertebrate Research Group, University of Chester

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Veronika Pavlasova, Newcastle University

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Beatrix Ward, Harper Adams University

Not simply the pest: Using the Forest Trapping Network to assess biodiversity





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Thavinsa Dewmini Weerakoon Gamage, Independent Researcher

Social immunity, division of labour and behavioural plasticity in *Camponotus irritans*: insights from a long-term field study

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Charlotte Wood, SRUC

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Jude Woodcock, University of Bristol

Repeated Cold Stress Reduces Egg Size and Affects Offspring Fitness in a Beneficial Aphid Parasitoid

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Amelia Wych, University of Bristol & Universidade Federal do Pará

Living on the edge: exploring the impacts of edge effects on tropical forest dung beetles

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Aleksandra Wyszzyńska, Adam Mickiewicz University

Factors influencing phoretic interactions between mites from the cryptic species complex *Uroobovella nova* (Uropodina)



Ruby Tailed Wasp
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Delegate information



Abstracts can be found by scanning the QR code

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19:30 PM

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Cath Clarke - The Guardian

"An exploration of legacy and memory"
Hyperreal Film Journal

"A wonderful piece of documentary filmmaking"
William Curzon - UK Film Review

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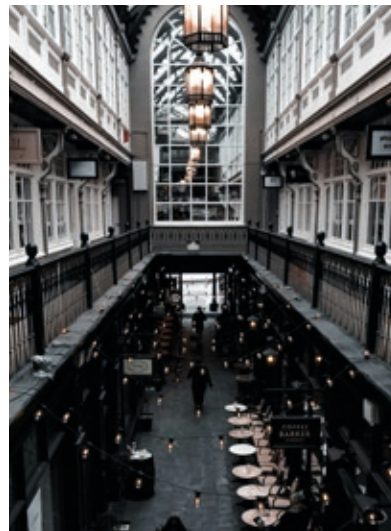


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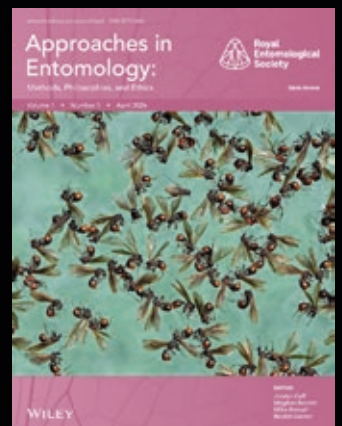
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