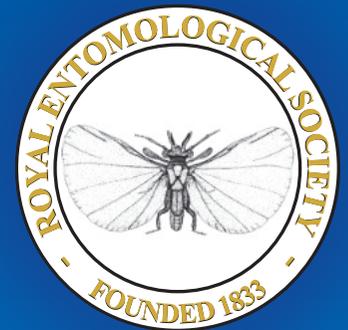


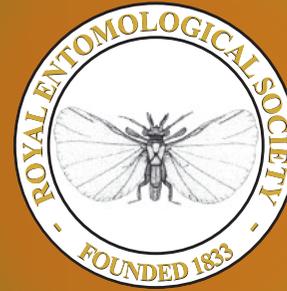


**Royal  
Entomological  
Society**

**Annual  
Review**

**for the year  
1<sup>st</sup> March 2020 to  
28<sup>th</sup> February 2021**





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*Here comes the sun* by Simon Carder, Commended,  
Insect Week Photography Competition 2020

Front cover – *European paper wasp* by Pascal Grüner, Highly Commended,  
Insect Week Photography Competition 2020.

# Welcome from the President

## A new-look report for a new-look Society

I feel immensely proud of the way in which so many people from the entomological community have worked together to deliver the diverse activities celebrated in this Annual Review. Despite the difficulties of a world thrown into chaos by the ongoing pandemic, it is simply inspiring to reflect on the incredible contributions from so many people to the Royal Entomological Society.

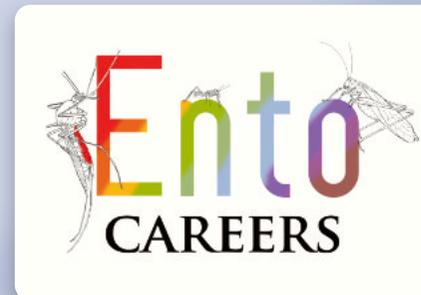
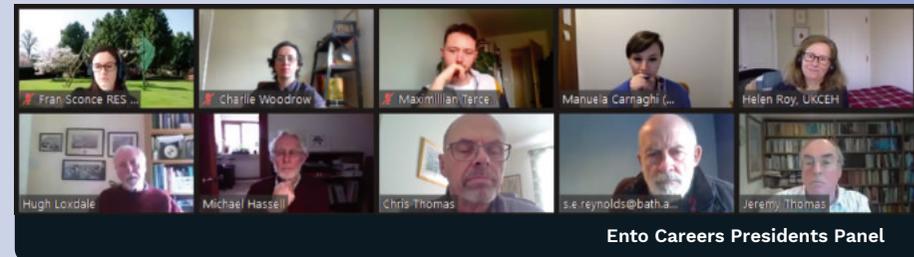


The governance review outlined a number of priorities for the Society to address. Task by task, the staff, trustees, committee members, consultants and many others have worked together to implement measures to meet the needs of the Society. It has been so impressive to see the thoughtful and supportive way in which every

decision has been collaboratively approached. We have been pleased to reach out to all members on a number of occasions as we addressed the recommendations from the governance review. We are hugely appreciative of your ongoing support for the decisions we have collectively made and it has been a privilege to see the Society thriving through this time of rapid change.

Despite the restrictions in movement and meeting in person, there have been many opportunities for people to connect and share their excitement for entomology through the rich programme of virtual events and outreach activities. The lively and illuminating Student and Early Career Entomologist event demonstrated the importance the Society attaches to being a place where everyone can thrive.

The Society's publications go from strength to strength, with highlights broadcast regularly through social media. Our Society bulletin, *Antenna*,



has been a welcome distraction throughout the year, bringing the beauty and breadth of entomology to us with fascinating perspectives from many members. We have

shared stories and experiences in so many different ways.

We are delighted and extremely proud to present the Royal Entomological Society's Annual Review to you all. Thank you for ensuring that the Society achieves its aim to promote excellence in entomology and to demonstrate to everyone the importance of studying insects.

**Professor Helen Roy MBE Hon FRES**  
President, on behalf of the trustees

📍...it is simply inspiring to reflect on the incredible contributions from so many people to the Royal Entomological Society.📍

# Chief Executive's Report

## Innovative, energetic, adaptable and resilient

I have been thankful to see so much adaptation and resilience from colleagues all over the world during this challenging year. So much of what we do as entomologists was disrupted beyond imagination: our teaching, laboratory time and fieldwork.



At the Society, the excellent teams of staff, trustees, committees and volunteers have met the trials of the pandemic with energy and innovation. To all of them, I offer sincere thanks for all they have done to help our Society flourish in a virtual world, working together harder than ever to allow the RES to be the best it can be.

A great deal of work was done on our governance, compliance and

strategy as a charity and membership organisation. I am very grateful to all Members and Fellows who have contributed to surveys and focus groups. There will be many more opportunities to engage in the future and mission of our Society in the years to come.

It is important that the staff team structure supports the Society's charitable purpose and strategic planning in the best possible way. Therefore, shortly after the period covered in this Annual Review, the RES leadership team was restructured. We welcome Simon Ward in the new role of CEO and, in a second new role, Robert Spencer as Director of Finance and Operations. I will continue to support our Members, Fellows and the staff team as Director of Communications and Engagement.

## Improving equity, diversity and inclusivity is key...

Our Vice-Patron, John Palmer, Earl of Selborne sadly passed away in February 2021. John was a champion of science and technology in the UK Parliament. Since becoming Vice-Patron in 2007, he launched six of the Society's National Insect Week campaigns. He and his dedication to insect science, and its importance, will be missed at the Society. You can read a full obituary in *Antenna* 45(2) 99.

Looking ahead, our Members and Fellows will continue to be at the centre of the Society to achieve great things on behalf of insects, entomology and entomologists. Improving equity, diversity and inclusivity is key, and intrinsic to a member-centric approach.

**Dr Luke Tilley**  
Chief Executive 2018-2021

## A message from Simon Ward, new CEO of the Royal Entomological Society



*'It is a real privilege to be joining the RES at this exciting time. I am looking forward to working with the Membership to build on the successes over the last twelve months. Our key aim over the next year will be to deliver a new strategy for the RES that will really shape our future and I look forward to sharing the progress on this as it develops.'*

# Council

## A momentous year

The period from March 2020 to February 2021 will go down in history as a momentous year for the world for all the wrong reasons. It was also a momentous year for the Society, but for all the right reasons. Just as the world closed down, the Society opened up. Steered by Council and its committees, with the help of consultants and input from all members who wished to engage, a root and branch review of governance and practice was initiated. The objective was to make the Society the very best that it can be by empowering all members to contribute ideas and practical support in order to improve everybody's experience of membership. This will attract new members and increase public benefit, whilst ensuring compliance with charity law and Charity Commission guidance. Updates to



the bye laws, voted on by members, have facilitated these changes.

Key initiatives include:

- committee posts to be advertised and open to all to apply;
- the Membership Committee to be reinstated;
- a membership survey to draw out views on all aspects of the Society's activities;
- student membership to be free for the first year;
- an "early-career entomologist" trustee position;
- the Society's investment portfolio to move entirely to ESG (Environmental, Society and Governance) investments;
- revised financial management systems and reserves strategy;
- a raft of policies to make operations and procedures clear to all;

**6 Just as the world closed down, the Society opened up. 9**

- The Mansion House to be more accessible to members;
- EDI (Equality, Diversity and Inclusion) to be a vital consideration in all activities.

All of this will enhance the Society's reputation and role in the diffusion of entomological science. Council has embraced the international "Grand Challenges in Entomology" initiative and put its own stamp on it. A questionnaire to all members on what they consider to be the big issues in entomology has been analysed. The results will inform priorities for topics for meetings, journal content, library accessions, conservation activities, outreach, and interactions with entomological and other societies and stakeholders throughout the world.

Alongside these major initiatives, Council has dealt with a range of matters, including Covid-related issues, plans for The Mansion House garden, the approval of grants and awards, and oversight of the activities of its committees reported herein.



**Above and top:** RES HQ – The Mansion House, St Albans.

This amounts to the biggest shake-up in the management of the Society in living memory, setting its course as a vibrant, modern, inclusive, fit-for-purpose organisation prepared and ready to support its members in making a vital contribution to solving the world's major problems in which insects feature.

**Dr Richard Harrington Hon FRES**  
Interim Honorary Secretary

# Membership

## Seeking your views

The newly re-formed Membership Committee met for the first time in April and comprises trustees (including some who have served on previous iterations of the committee), Student Members and staff. The main focus is to ensure that we fulfil our obligations to our members.



To help us move forward, we appointed consultant Emma Pegram to carry out a review of issues relating to membership. Emma led a very productive discussion at the committee meeting, hearing about everyone's vision for RES, and how we can improve what we do for members. Using the points from the discussion, Emma has put together a survey to be circulated to all Members and Fellows. It was decided also that we should solicit

views via telephone interviews in a bid to gain the broadest possible insight as well as important detail from as diverse an array of entomologists as possible. To say we're keen to hear your views is an understatement so, please, if you have a little time to spare, tell us your views when you receive the survey.

It's early days for the committee, so for the moment these short paragraphs are just a heads-up on what we're planning. We'll retain all the elements of membership that make being part of RES useful, worthwhile and enjoyable as we move forward in a post-Covid world, but are confident that we can make things even better.

**Dr John Baird FRES**

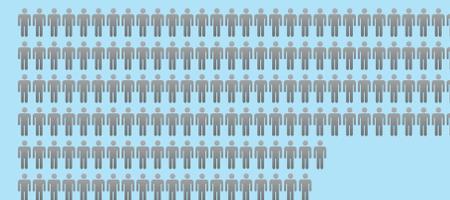
Chair of the Membership Committee

**To say we're keen to hear your views is an understatement.**

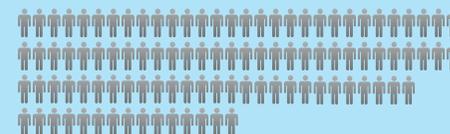
## Membership Statistics

 = 10

**1610**  
MEMBERS/  
FELLOWS



**1018**  
FELLOWS



**412**  
MEMBERS



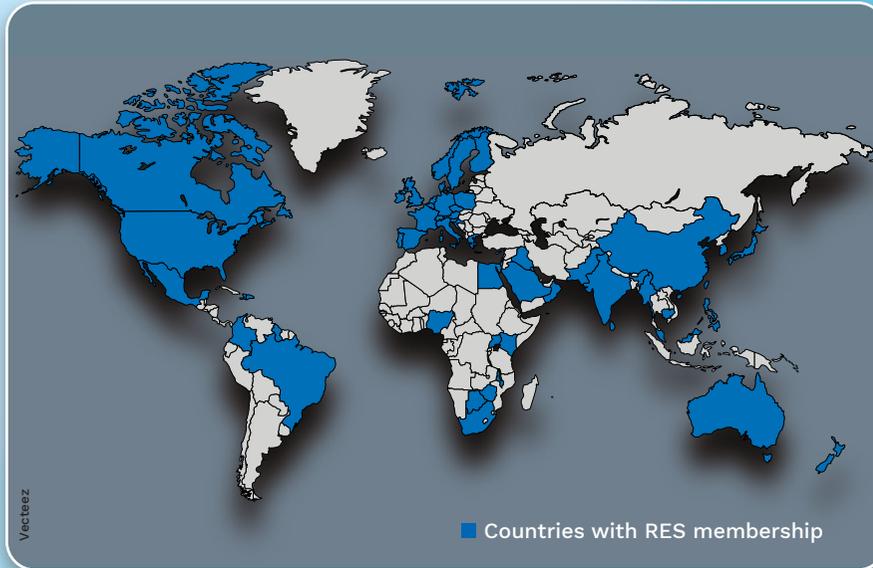
**102**  
STUDENT  
MEMBERS



**78**  
HONORARY  
FELLOWS



## Members around the world



- Australia
- Austria
- Belgium
- Botswana
- Brazil
- Canada
- China
- Colombia
- Croatia
- Cyprus
- Czech Republic
- Denmark
- Egypt
- Finland
- France
- Germany
- Greece
- Guyana
- Hungary
- India
- Iraq
- Ireland
- Israel
- Italy
- Japan
- Kenya
- Kuwait
- Malawi
- Malaysia
- Malta
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- The Netherlands
- New Zealand
- Nigeria
- Norway
- Oman
- Pakistan
- Philippines
- Poland
- Portugal
- Saudi Arabia
- Singapore
- Slovenia
- South Korea
- Solomon Islands
- Spain
- Sri Lanka
- Switzerland
- Sweden
- Taiwan
- Thailand
- Uganda
- UK
- USA
- West Indies
- Zimbabwe



*Wasp on Mushroom* by Beverley Brouwer, Highly Commended, Insect Week Photography Competition 2020.

# Meetings

## A virtually excellent year

The meetings of the Society are open to members and non-members. They play a key role in the improvement and diffusion of entomological science and in supporting professional development. They provide public benefit through the application of the resulting science and through raising awareness of the importance of the study of insects.

The Covid-19 pandemic was a dark cloud with a silver lining as regards meetings. It forced a move to online events, and this led to greatly increased participation from all round the world. Few would wish to move completely away from in-person gatherings, but a hybrid option, whereby delegates could choose to attend physically or join in online, presents an opportunity to enhance the benefits of belonging to the Society, especially to overseas members.

The Verrall Lecture snuck in just before the first lockdown. Professor Sir Charles Godfray gave a talk entitled *Driving ambition: can and should we use gene drive to knock out the major mosquito vectors of malaria?* It presented ground-breaking science, whilst also discussing the ethics of its use.

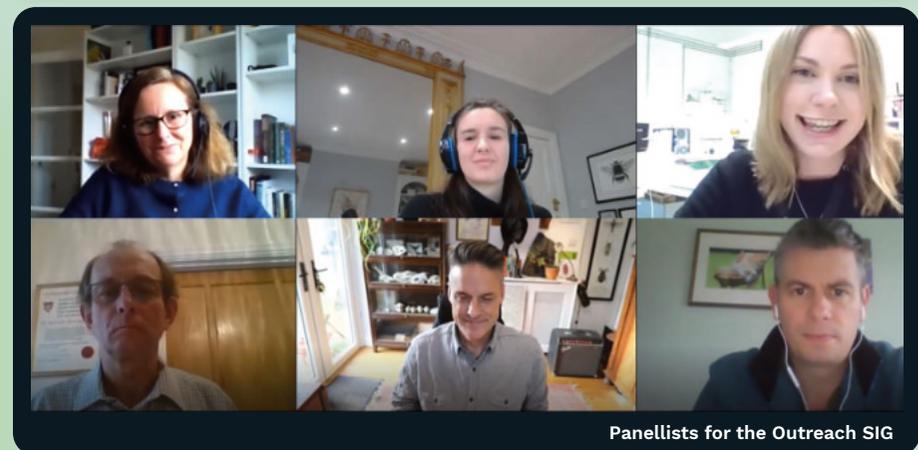
Special Interest Group (SIG) meetings scheduled for spring and summer had to be postponed, but highly successful online meetings of the Behaviour, Data, Ecology, Electronics & Computing, Infection & Immunity, Orthoptera and Outreach SIGs were held. The Outreach SIG operates under the auspices of the Meetings Committee and discusses ideas for outreach activities, those activities themselves falling under the auspices of the Outreach Committee.

Five new Regional Honorary Secretaries were appointed, bringing the total to eight. A very successful online meeting of the Scotland Region was held.

## Chronological meetings summary

Date	Meeting	Location	Attendance	Further details
04.03.20	Verrall Lecture	London	215	<i>Antenna</i> 44(2) 71-72
08.09.20	Behaviour SIG	Online	61	<i>Antenna</i> 44(4) 189-191
25-26.09.20	Infection & Immunity SIG	Online	139	<i>Antenna</i> 44(4) 191-193
19.10.20	Data, Ecology, and Electronics & Computing SIGs	Online	41	<i>Antenna</i> 45(1) 29-31
04.11.20	Scotland Regional	Online	50	<i>Antenna</i> 45(1) 34-36
11.11.20	Orthoptera SIG	Online	79	<i>Antenna</i> 45(1) 32-33
10.12.20	Outreach SIG	Online	85	<i>Antenna</i> 45(1) 37-38

For information on Special Interest Groups, see <https://www.royensoc.co.uk/special-interest-groups>



Panellists for the Outreach SIG

ENTO'20 was a victim of Covid. With so much organisation required and so much uncertainty, it was decided to cancel the event.

Postgraduate forums were held just before the start and just after the end of the reporting year.

I thank all members of the Meetings Committee (which includes the eight Regional Honorary Secretaries) and my predecessor as its Chair, Jenni Stockan; the SIG Convenors; the Student Reps; RES Staff; presenters and attendees for providing, perhaps against the odds, a stimulating year of meetings and the framework for a vastly increased reach in future.

**Dr Richard Harrington Hon FRES**  
Chair of the Meetings Committee

**🌿 The Covid-19 pandemic was a dark cloud with a silver lining as regards meetings. 🌿**



*Aphid Family* by Petar Sabol, 2<sup>nd</sup> Place,  
Insect Week Photography Competition 2020.

# Outreach

## Entomology goes online

The Outreach Committee reviews and monitors the Society's activities for public benefit. Three meetings were held during the year. The first, on 5th March 2020, saw great enthusiasm for planning an exciting year ahead for public engagement events, making National Insect Week 2020 the biggest yet. That enthusiasm was only slightly curtailed by organising extra handwashing. Just weeks later, all in-person events were postponed or cancelled with rather more to consider than extra handwashing. This was taken as an opportunity to reach out more than ever online, and National Insect Week 2020 was re-organised to support virtual events. It ran from 22nd to 28th June with the core message that everyone can learn something new and exciting about insects, wherever and whoever they

are, regardless of age, circumstances, background and how they feel about insects. The week was kicked off by the President from her own garden, and over 50 virtual events were held, open to all. Biological recording was promoted as a great way for people to take part in insect science and a new webpage acted as a signposting hub to encourage people of all ages to join in. The popular photography competition returned, with Dr Tim Cockerill heading up the judging panel, and 2433 entries were received from 72 countries. A successful media campaign got many entomologists on-screen, on-radio and online to talk about the importance of insects and the work of those who study them.

The committee used the extra time available without a programme of physical events for in-depth discussions about its remit and

outreach in general. Three headline changes were accepted by Council as a consequence:

- National Insect Week becomes Insect Week to include anyone from any country who wishes to celebrate entomology. This change will bring vast, new and diverse audiences.
- Insect Week becomes annual rather than biennial to ensure it regularly features in the calendars of the public and partner organisations.
- The committee changes its name, dropping “and development”. This accompanied a review of the Committee's remit, redoubling its focus on how the Society reaches out with fullest impact. Council takes on the development brief directly.

The committee recognised Dr Dan Dehar and Corfu Butterfly Conservation with a Goodman Award to support the development



**@insectweek**  
**13.7K** followers,  
**11.3K** tweets

**@royentsoc**  
**13.1K** followers,  
**9161** tweets



**13,225** likes,  
**3,454** followers



**72** official Insect Week partners

**207** interviews arranged with Members and Fellows

**6...everyone can learn something new and exciting about insects...9**

of a website and atlas for the public, and Dr Liam Crowley to support the development of an insect behaviour and ecology card game “Battlin’ Bugs”.

After five years as Chair, I have now stepped down but am delighted to hand over to Prof. Adam Hart, trustee and committee member. Chairing the committee has been a career highlight and I have had the privilege of working with superb entomologists and science communicators. A huge thank you to everyone who contributed to RES outreach during a challenging year. Many excellent ideas have been brought forward for the future. The committee will continue to strengthen online activity whilst rebuilding in-person events.

**Dr Luke Tilley**

Chair of the Outreach Committee



*Wasps Drinking* by Alan Clark, Winner, Insect Week Photography Competition 2020.

# Publications

## Interest with impact

The publications of the Society continue to make a major contribution towards fulfilling our commitment to disseminating knowledge to both the entomological community and the general public. The seven peer-reviewed journals of the RES, published in conjunction with Wiley, are thriving, publishing over 400 papers across the full range of insect science. The revenue from RES publications after cost this accounting year was £800,000, which is an important source of income to sustain the charitable activities of the Society. The following represents the main issues relating to journals in this reporting year.



### Journal Impact Factors

RES journal impact factors:

*Agricultural and Forest Entomology* (AFE) – **1.885**;

*Ecological Entomology* – **1.848**;

*Insect Conservation and Diversity* – **2.729**;

*Insect Molecular Biology* – **2.533**;

*Medical and Veterinary Entomology* – **2.178**;

*Physiological Entomology* – **1.728**;

*Systematic Entomology* – **3.909**.

All our journals are in the top third of the 101 international journals covering entomology. Six journal impact factors have increased slightly and one has decreased slightly. All remain within their range over the past few years.

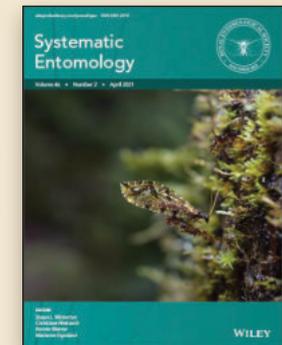
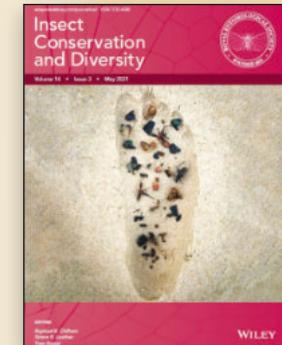
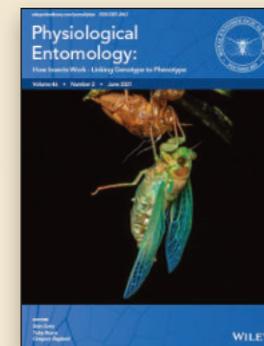
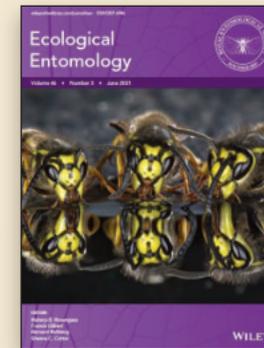
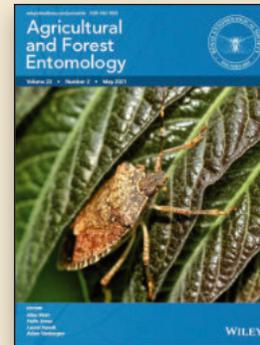
For 2021, updates were made to the journal covers, with attractive images and new colour layouts.

### Best Paper Awards

Best Paper Awards for the year 2019-2020 were as follows:

*Medical and Veterinary Entomology*:

Aversion of the invasive Asian long-horned tick to the white-footed mouse, the dominant reservoir of tick-borne pathogens in the U.S.A. Ronai, Tufts & Diuk-Wasser (2020);



📌 All our journals are in the top third of the 101 international journals covering entomology. 📌

*Physiological Entomology:*

Suppression of autumnal sexual morph production in spring by a seasonal timer in an aphid.

Matsuda, Kanbe, Endo, Akimoto & Numata (2020);

*Systematic Entomology:* Has past climate change affected cold-specialized species differentially through space and time? Schoville, Bougie, Dudko & Medeiros (2019).

### Handbooks for the Identification of British Insects

A handbook published in March 2021 on the fly families Calliphoridae, Polleniidae, Rhiniidae, by Olga Sivell, has been very well received, with considerable sales. Handbooks in advanced states of preparation include the hymenopteran groups Chrysidoidea, Apidae and Eulophidae, as well as fly families Ceratopogonidae and Dolichopodidae. Special thanks to Andy Polaszek and Rebecca Farley-Brown for their continued success with the Handbooks series.

### Antenna

The RES bulletin continued as one of the Society's most popular

publications for Members and Fellows. Four issues were again published in 2020. Special thanks to the editors, David George and Richard Harrington, ably assisted by Jennifer Banfield-Zanin.

The 2020 RES student essay competition winners were:

**1st Prize:** Zeke Rowe, University of Bristol – *Fighting on a miniature front*;

**2nd Prize:** Jennifer Newell, Harper Adams University – *Bug business*;

**3rd Prize:** Robin Hutchinson, University of Reading – *Work smarter, not harder: the parasitic plan of the cuckoo bumblebee queen*.

I sincerely thank all the editors, associate editors, editorial board members, editorial assistants, Wiley staff and the innumerable reviewers for their hard work and persistence throughout the unsettling Covid-19 conditions. Their efforts continue to ensure that RES publications maintain a leading role in entomological research.

### Dr Shaun Winterton FRES

Chair of the Publications Committee

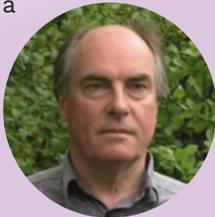


*Ovipositing* by Kit Chang, Highly Commended, Insect Week Photography Competition 2020.

# Conservation

## From research to reality

The Society plays a major role in promoting the science, policy and practice of insect



conservation through its journal *Insect Conservation and Diversity*, its contributions to *Invertebrate Link*, and by collaborating with four conservation charities – the Somerset (SWT) and Gloucestershire (GWT) Wildlife Trusts, the National Trust, the J&F Clark Trust – to restore insect and plant diversity to 26 sites of outstanding potential in Somerset and Gloucestershire.

The annual prize for *Lifetime Achievement in Insect Conservation* was awarded to Professor Claire Kremen (University of British Columbia) for her highly influential

work on the selection and design of protected areas, especially in high-diversity tropical ecosystems, and for transforming global perceptions about the crucial role of insects, particularly pollinators, in agriculture.

Through *Invertebrate Link*, the Society is collaborating with other charities, statutory agencies and recording schemes in the latest quinquennial review of which species of invertebrate merit listing for protection under Schedules 5 and 8 of the UK's Wildlife & Countryside Act 1981.

At a practical level, the Society had a productive year on three fronts. Daneway Banks SSSI – the prime limestone grassland co-owned by RES and GWT in the Cotswolds – hosted a record number of highly appreciative visitors. Thanks to expert scrubland and grazing management, its many rarities continued to increase whilst more



Entomologists enjoying the insects and green-winged orchids on a RES-PWCF restoration in the Cotswolds.

common species thrived in unusual abundance. A detailed account for 2020 is given in *Antenna* 44, 184–188. Highlights include re-colonisation, after many years' absence, by the endangered Duke of Burgundy and Pearl-bordered fritillary butterflies, and the continued presence of one of the two largest populations known in Europe of the globally endangered Large blue. Nationally important populations of Rugged oil beetle and Downland villa bee-fly are also

prospering. Daneway was much in the news, starting on BBC's *Springwatch*, when GWT President



Pearl-bordered fritillary.

6A resurgence of wildlife is already evident...9



Clustered bellflowers on Daneway attract numerous pollinators



RES-PWCF wilding project

(and *Countryfile* presenter) Ellie Harrison broadcast a report about the Large blue from our site. In July, Daneway and RES were cited in numerous press, television and online reports as the main source of Large blues for its successful reintroduction to nearby Rodborough Common.

Secondly, the Society supported two successful bids made by GWT for Green Recovery and Biffa landfill funding to restore the habitats of rare and common insects to 14 interlinked grassland, wetland and woodland sites along Stroud's 'Golden Valley', with Daneway at its centre. This exciting collaborative project, in one of the richest regions for insects in the UK, began in January 2021, and will be reported in greater detail next year.

Our third initiative involves the restoration of 220 ha of species-rich grasslands on 12 interlinked sites in Somerset and Gloucestershire, representing the second year's work under a

generous grant received from the Prince of Wales's Charitable Fund (PWCF). This enabled the Society to employ two expert ecologists, David Simcox and Sarah Meredith, to lead the restorations. Habitat enhancement is of two types: (i) restoring seasonal grazing to seven degraded sites that had long been abandoned and dominated by coarse grasses and scrub; and (ii) five new breeding areas created 'from scratch' in failed conifer plantations, on former arable fields and on new railway constructions. A resurgence of wildlife is already evident, with growing populations of rare insects including Shrill carder bee, Rugged oil beetle, Rockrose pot beetle, Downland robber fly, five Red data book bee-flies and hoverflies, and Duke of Burgundy, Large blue, Small blue, Chalkhill blue, Adonis blue, and Brown hairstreak butterflies.

**Professor Jeremy Thomas OBE  
Hon FRES**

Chair of the Conservation Committee



*Butterfly meadow* by Simon Carder, Commended, Insect Week Photography Competition 2020.

# Library

## A valuable international resource

This year, we welcomed several new members to the committee and, in the process, the average age decreased and the gender balance now better represents the Society.



In case you are wondering how we select which books to buy, we prioritise those that would be too expensive for most Members and Fellows, and those in a series, of which earlier volumes are already in the library. Given the international nature of the Society, we also favour books dealing with regional taxonomy.

The RES library is an international resource of huge scientific importance and monetary value and it is vital that the contents are kept safe. The lack of fire defences other

than alarms and a fireproof safe is a concern and more fireproof facilities are needed. Some particularly valuable items have already been digitally photographed as a precaution.

We are keen to enhance wide access to the entomological literature and have asked the Publications Committee to explore the option of making the later volumes of *The Entomologist*, a discontinued journal of the Society, available to the Biodiversity Heritage Library for scanning.

A perennial problem for any library is shelf space. At the moment, we have an off-site storage facility for journals that are less used. This is not, however, ideal as it requires the Librarian to travel there to deal with, albeit infrequent, requests. An alternative would be to have an on-

site, purpose-built facility. This could be used to generate an income by making space available to other Societies with limited storage facilities. One way to alleviate the space problem is to switch from traditional print-based journals to online subscriptions. This will free up space for books and enable overseas Fellows and Members, and others unable easily to access the library physically, to make more use of the journals, and make it easier for the Librarian to respond to copy requests.

I thank all members of the Library Committee for their valuable input into the process of ranking the books for selection and add again a very warm welcome to our new members.

**Professor Simon Leather Hon FRES**  
Chair of the Library Committee

🗨️ *The RES library is an international resource of huge scientific importance and monetary value...* 🗨️

THE RES LIBRARY  
CONTAINS IN  
EXCESS OF

67,000  
ITEMS

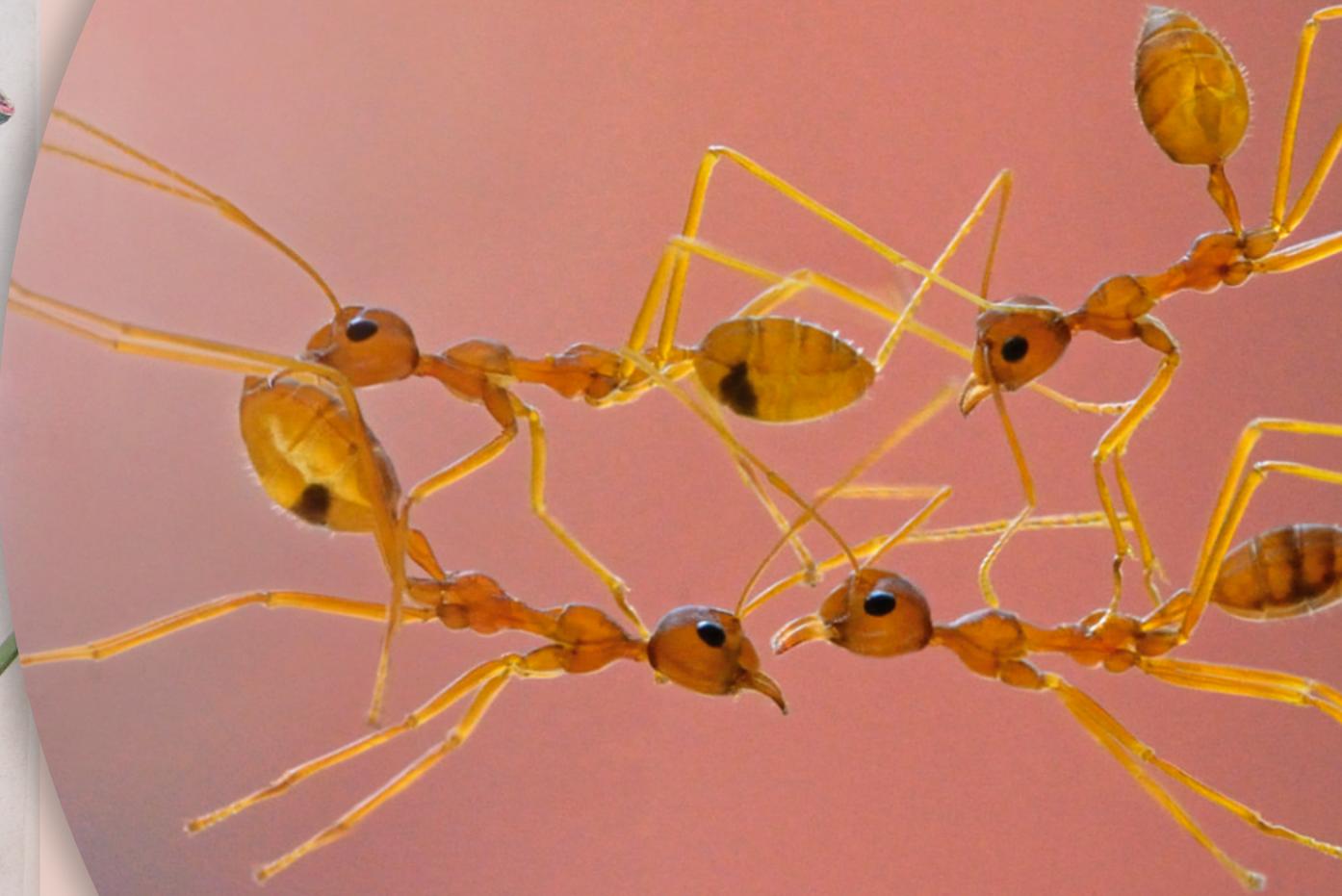
OUR OLDEST  
BOOK IS DATED

1609

11,000+  
BOOKS

750  
JOURNAL TITLES

Merian, M.S. 1730 Metamorphosis Insectorum Surinamensium



*Bridging Weaver Ants* by Karunakaran Parameswaran Pillai, Highly Commended, Insect Week Photography Competition 2020.

# Finance

## Strong financial grounding to support charitable aims

The past year has been the start of a phased modernisation of the Society’s approach and practices to build a more robust organisation. On the finance side, this can be demonstrated in an enhanced control environment ensuring the Society’s funds are put to best use, an improved visibility of our performance through regular reporting, financial planning and a better-quality, evidence-based, consensual approach to decision making.



A good example of this has been the reorganisation of the Society’s investment portfolio to be fully invested under the framework of Environmental, Social and corporate Governance (ESG) which builds on the 17 principles of the United Nations Sustainable Development Goals. This ensures that our investment strategy is in line with the Society’s values, while still delivering a strong investment return (7% during this year). This represented a £745,000 increase in the RES investment portfolio during the financial year.

The Society’s finances had another strong year despite the difficult external environment. Total income was broadly in line with the previous year at around £1.1 million, with publishing contributing 80% of

this total. Expenditure was slightly higher than last year due to the investment in developing the organisation and strategic projects such as the governance review and “Grand Challenges” project. Nevertheless, the Society reported a surplus of £180,000 in this very demanding year. Including the portfolio gain, this resulted in an overall net movement in funds for the year of £924,000. Total funds at 28th February 2021 were therefore £19.3 million, representing a very healthy level of reserves, which provides a solid foundation from which the Society can continue its evolution and build a growth strategy to expand member and public benefit in coming years.

**Dr Gia Aradottir FRES**  
Honorary Treasurer

🎯 *The Society’s finances had another strong year despite the difficult external environment.* 🎯

## ESG

### ENVIRONMENTAL



- Climate change strategy
- Biodiversity
- Water efficiency
- Energy efficiency
- Carbon intensity
- Environmental management system

### SOCIAL



- Equal opportunities
- Freedom of association
- Health and safety
- Human rights
- Customer & products responsibility
- Child labour

### GOVERNANCE



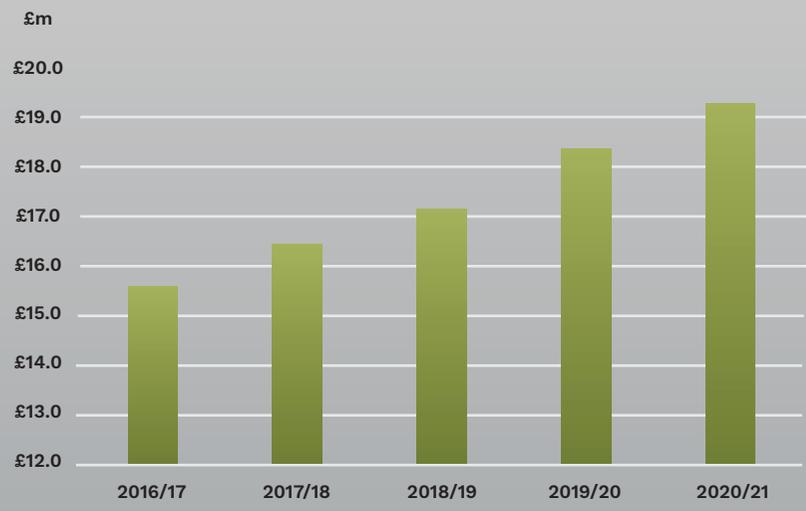
- Business ethics
- Compliance
- Board independence
- Executive compensation
- Shareholder democracy

**ALL RES INVESTMENTS MOVED TO ESG-COMPLIANT FUNDS**

**The RES administration cost as a proportion of income has reduced by 14% from 2018/19 to 2020/21.**



**Total RES Reserves –  
a solid foundation to fund new RES strategy  
to enhance member and public benefits**



*Rose aphid on a rose blossom* by Tim Crabb, Specially Commended, Insect Week Photography Competition 2020.

# Insect Identification Service

## Helping everyone understand insects

The Society has received insect-based queries since 1833. In recent years the process has been very much



encouraged and become more formalised, with online access to entomologists via the website. This has increased awareness of the Society and the assistance we can offer the general public. Five years ago, we responded to about 1,000 queries. In 2020 this rose to around 6,000 from across the planet, although the majority came from the UK.

With some 24,000 or so insect species in UK, there is a variety of questions and subjects from the more commonly encountered to much rarer species. When a submission is unusual or perhaps outside the known distribution range, we recommend that the

enquirer reports the sighting to *iRecord* or one of the specialist websites for confirmation and the opportunity to add to distribution maps.

Perhaps the most charismatic submission in 2020 came from a garden in Suffolk where an Alpine longhorn beetle, *Rosalia alpina*, was

spotted on a poppy leaf. This species is found in continental Europe but not usually in the UK, although



occasional sightings have been made. The larvae develop in beech wood and can be imported inside furniture to emerge later as adults. There was no obvious method for the arrival of this individual.

The Blue band-winged grasshopper, *Oedipoda caerulescens*, is also widespread on continental Europe and there are records from

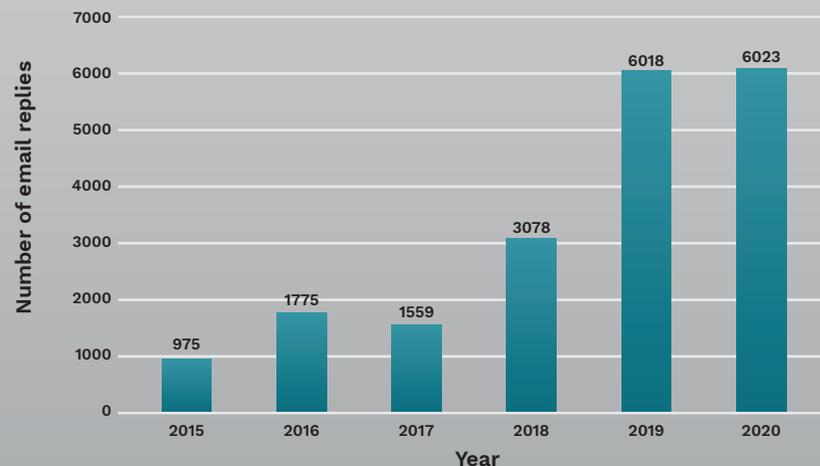
the Channel Islands as well as a single report from the Scilly Isles. The specimen pictured,



unfortunately at rest and not showing the blue wings, was rescued from a spider's web in Kent during August. It is seemingly the first report of this species on mainland UK.

The Society's insect identification service fits neatly into the public benefit requirements for charitable

## RES Insect Identification Service Responses to queries over the last six years – year by year



bodies and the Society's objective for the 'diffusion of entomological science', as well as outreach ambitions. In addition, it provides data on national biodiversity. Anyone can request assistance and so it introduces the Society to thousands of people who may not otherwise come across us. Satisfyingly, we receive many enthusiastic messages of thanks for enlightenment.

The insect identification service falls into the remit of the Director of Science, who much appreciates the assistance of Members and Fellows.

**Professor Jim Hardie**  
Director of Science

🔵 *Satisfyingly, we receive many enthusiastic messages of thanks for enlightenment.* 🟡

*Ready for the party* by Phooi Leng Ho, Specially Commended, Insect Week Photography Competition 2020.

# Volunteers and Staff

The Society's activities are made possible through a symbiosis of volunteers, staff and consultants, to all of whom the trustees are extremely grateful. Listed below are the volunteer members of committees and journal editor-in-chief teams, staff and consultants. Trustees would also like to sincerely thank every editorial board member, author, reviewer, meeting organiser, talk contributor and outreach volunteer. Together, these dedicated people number in the thousands.

Still in-post 01.03.21 in **bold**, otherwise stepped down during the reporting period

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