



July 2020

Highlight Conference

# ASSOCIATION OF APPLIED BIOLOGISTS

*President: Stuart Knight*



**AGRICULTURAL  
ECOLOGY  
GROUP**



## Shaping the Future for Pollinators Innovations in Farmed Landscapes

**ANNOUNCEMENT & CALL FOR PAPERS**



**A three-day conference at the  
Cophthorne Hotel, Slough-Windsor  
**Postponed** to 29 June-1 July 2021**

Association of Applied Biologists, Warwick Enterprise Park, Wellesbourne, Warwick CV35 9EF, UK  
Registered Charity No. 275655; <http://www.aab.org.uk>  
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[Shaping the Future for Pollinators](#)

[Innovations in Farmed Landscapes](#)

Copthorne Hotel, Slough-Windsor

**Postponed** to 29 June-1 July 2021

During a meeting with the organising committee this week, and following both current World Health Organisation (WHO) advice, UK Government advice and continued travel restrictions, we have decided to postpone the:

**‘Shaping the Future for Pollinators: Innovations in Farmed Landscapes’**  
until **29 June-01 July 2021**.

**NEW! Call for Papers Deadline Extended due to COVID-19**  
**30 September 2020**

The *Association of Applied Biologists* (AAB) has teamed up with the Royal Entomological Society and the British Ecological Society to deliver a 3-day conference “Shaping the Future for Pollinators: Innovations in Farmed Landscapes”.

Pollinators play a vital role in maintaining both semi-natural and agricultural ecosystems and healthy populations bolster food security, livelihoods and social wellbeing. With evidence that many species of pollinators are in decline, their conservation and management is of great public, economic and political interest. As a result, the ecology and conservation of managed and wild pollinators is a rapidly growing field of research, alongside the study of their associated ecosystem services. This conference aims to determine how we can shape farmed landscapes to make them resilient to future challenges such as climate change. Delegates will explore the impact of agricultural practices at the farm and landscape scale on pollinator behaviour, ecology and the delivery of ecosystem services. Talks and discussions not only to share current best practices on the sustainable management of pollination services, but explore how novel innovations can create new opportunities and address future risks. This conference aims to bring together researchers, practitioners and policymakers to debate recent advancements in the field of pollinator research; and also to go beyond ecological research to explore emerging technologies within the field.

Based just 15 minutes from both London and the historic city of Windsor, delegates will be able to deepen their understanding of the topics, expand their networks, and enjoy the nearby attractions. A public ‘Myth Busting’ event will held locally to raise awareness and increase public understanding of pollinators and pollination services.

**Topics:**

- Diverse values of pollination (food, health, economic, livelihoods, and socio-cultural benefits)
  - Innovative farm and habitat management – bridging across scales
    - Building climate resilience
  - Integrating pollination and crop protection
    - Optimising pollination services
    - Monitoring and citizen science
  - Innovations/emerging technology and new ideas
    - Drivers of change
    - Pollinator Health
    - Pollinator conservation
  - Policy and national strategies

**Invited speakers include:**

**Nacho Bartomeus** (Spanish Council for Scientific Research (CSIC), Spain)

**Mark Brown** (Royal Holloway University, London, UK)

**Claire Carvell** (Centre for Ecology and Hydrology, Wallingford, UK)

**Lucas Garibaldi** (Universidad Nacional de Río Negro, Argentina)

**Chris Hartfield** (National Farmers Union, UK)

**David Kleijn** (Wageningen University & Research, The Netherlands)

**Alex Klein** (University of Freiburg, Germany)

**Simon Potts** (Reading University, UK) will chair the plenary session

**Phil Stevenson** (Kew Gardens and Greenwich University, UK) will speak at the public event

Authors of accepted offers will be notified by the beginning of October 2020 and are expected to provide an extended abstract for the conference pack by 30 May 2021.

**Food and Energy Security is pleased to be able to offer free publication for a limited number of acceptable papers from this conference in a special issue.**

**Important Conference Updates**

**We continue to plan for our conference activities in 2020/2021, but they may be subject to postponement if COVID-19 restrictions continue**

**[-Association of Applied Biologists AGM](#)**

**16 September 2020 Virtually via ZOOM**

**[AGM AGENDA 2020](#)**

**Save the Date! Call for Papers information to follow shortly..**

**-Advances in Legume Science and Practice**

**23 October 2020 Virtually via ZOOM – Legumes Webinar**

**Save the Date! Call for Papers information to follow shortly..**

**-Thinking Differently about Soil-Borne Disease Management**

**5 November 2020 Virtually via ZOOM**

**Save the Date! Call for Papers information to follow shortly..**

**-Advances in Biological Control & IPM 2020**

**19 - 20 November 2020 @ Olde Barn Hotel, Marston, Lincs, UK.**

**Save the Date! Call for Papers information to follow shortly..**

**Tomato brown rugose fruit virus and Cucumber green mottle mosaic virus, two emerging tobamoviruses threatening tomato and cucurbit crops worldwide**

**26 November 2020 Virtually via ZOOM – Webinar**

**Save the Date! Call for Papers information to follow shortly..**

**-Advances in Nematology 2020**

**15 December 2020 Virtually via ZOOM.**

**Save the Date! Call for Papers information to follow shortly..**

**[-Intercropping for Sustainability](#)**

**19 - 20 January 2021 @ Reading, UK.**

**Call for Papers Deadline 07 September 2020**

**-Closed Transfer Systems Workshop**

**9 - 10 February 2021 @ Silsoe Spray Applications Unit/Wrest Park Silsoe, Bedfordshire, UK.**

**Save the Date! Call for Papers information to follow shortly..**

**-Crop production with limited PPPs; challenges and Opportunities**

**March 2020 TBC.**

**International Advances in Plant Virology**

**27-29 April Virtually via ZOOM.**

**Save the Date! Call for Papers information to follow shortly..**

**[-Shaping the Future for Pollinators: Innovations in Farmed Landscapes](#)**

**29 June - 01 July 2021 @ Cophthorne Hotel, Slough-Windsor, Slough, UK.**

**Call for Papers Deadline 30 September 2020**

**[-Advances in Legume Science and Practice 2](#)**

**@ Ecole Supérieure d'Agriculture (ESA), Angers, France.**

**Postponed until September 2021**

**[Trees for the Future - Diversity and complexity for resilience and carbon storage](#)**

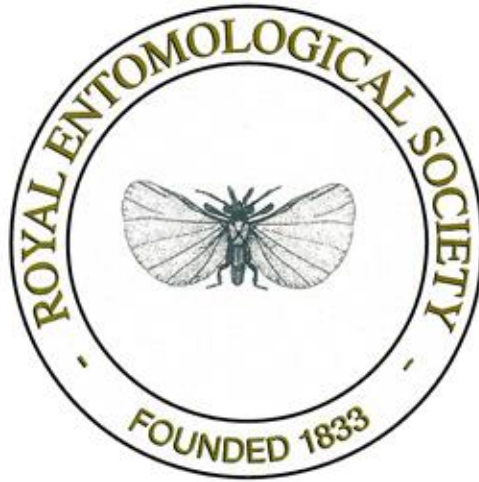
**03 - 04 November 2021 @ Birmingham University, UK.**

**Call for Papers Deadline 31 March 2021**

**Advances in Nematology 2021**

**14 December 2021 @ Linnean Society, London, UK.**

**Save the Date! Call for Papers information to follow shortly..**



### [The Royal Entomological Society](#)

Richard Harrington Hon FRES, has kindly written an article about the history, promotion and development of entomological science in The Royal Entomological Society.

Please click [The Royal Entomological Society Richard Harrington](#) to view this article

### COVID-19

### [The Royal Society, UK](#)

[Face masks and coverings for the general public: Behavioural knowledge, effectiveness of cloth coverings and public messaging.](#)



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**aab**  
ASSOCIATION OF APPLIED BIOLOGISTS

**Professor Christine Helen Foyer BSc. PhD. FRSBiol**

**President Elect of the *Association of Applied Biologists***

Has kindly supplied the following article for this Newsletter.

Please click [Prof Christine Helen Foyer BSc. PhD. FRSBiol](#) to view the article





**Professor John Walsh** (The University of Warwick, UK), has kindly supplied an article on Virology Research at the University of Warwick, Wellesbourne Campus.

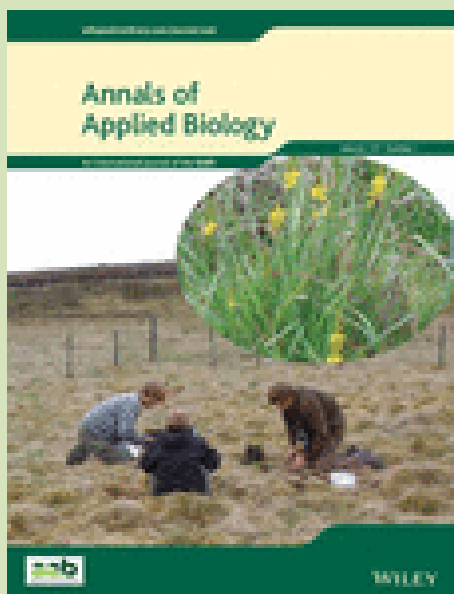
Please click [Plant virology at Wellesbourne](#) to view the article.



**Congratulations! Bernadette** (AAB Senior Administrative Assistant) on 35 year's this month, of loyal service to the AAB.

### **AAB Journals: New Issues Now AVAILABLE**

Click on the links below to view the latest issues of our scientific journals. Remember that you will need an annual subscription to view our *Annals of Applied Biology* content so please contact [Bernadette](#) in the AAB Office if you are interested!.



***Annals of Applied Biology***

[Vol. 177 Iss. 1](#)

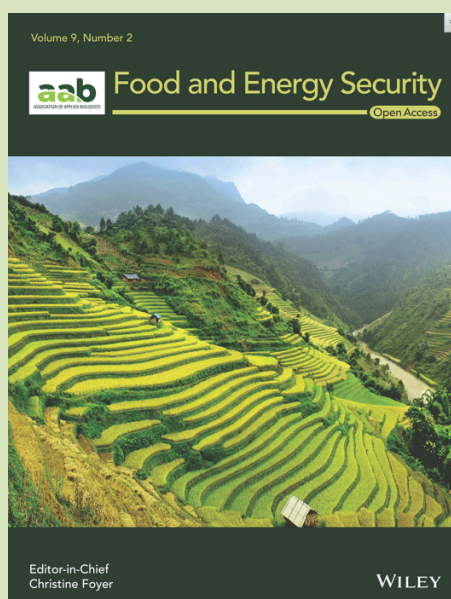
July 2020



***Plant Biotechnology Journal***

[Vol. 18 Iss. 8](#)

August 2020



***Food and Energy Security***

[Vol. 9 Iss. 2](#)

May 2020

**New AAB Members Elected-July 2020**

A very warm welcome to all of our new members who were formally elected at the recent July 2020, council meeting. **Please click** here: [Newsletter - New Members Elected July 2020](#) to find out a little more information about our new members and some of their interests.



## Royal Society of Biology Newsletter

As many of our readers will be aware, we distribute the Royal Society of Biology Newsletter by uploading a link to our website. This newsletter is a great place to find current developments in the world of Biological Sciences, but also a wide range of content from various other disciplines.

Please click [here](#) to view the latest issue.

## British Crop Production Council (BCPC) Newslink

BCPC Newslink - July 2020 is now available

Please click [here](#) to view the latest issue.

## The AAB NewsHub

A dedicated section for generic news content which we believe will be of significant interest to our members and their peers, for every single newsletter that we release. These articles may range from blogs, or discussion topics right the way through to some professionally published content.

We will continue to scout around for the latest news but as always, we are more than happy to receive additional content from our readers... If you come across an article or a newspaper column which you think would be of interest to our members please feel free to send it in by [clicking this link](#).

- [England's future water supplies at 'serious risk'](#) (BBC)
- [Climate change: 'Rising chance' of exceeding 1.5°C global target](#) (BBC)
  - [Siberian Arctic 'up to 10 degrees warmer' in June](#) (BBC)
- [Potential for large-scale CO<sub>2</sub> removal via enhanced rock weathering with croplands](#) (Nature)
  - [How scientific societies are weathering the pandemic's financial storm](#) (Nature)
  - [How academic institutions make it harder to be a female scientist](#) (New Scientist)
    - [International Year of Plant Health](#) (Oxford Academic)
- [Neutralizing nanobodies bind SARS-CoV-2 spike RBD and block interaction with ACE2](#) (Nature Structural & Molecular Biology)
  - [The PC&E 40th Anniversary Special Issue!](#) (Plant, Cell and Environment)
  - [Survey shows nearly 40% of arable soils 'degraded'](#) (Rothamsted Research)
    - [AI to speed up seed germination testing process](#) (NIAB)

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