



Issue No. 211: 13 January 2020

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## News

### Department news:

**Save the date: 8 August, Departmental Summer Party. 3-7pm.**

The [Departmental Seminars for this term are available to download](#). Keep up to date with titles and abstracts when available at [talks.cam](https://talks.cam).

If you are a member of the Cambridge University Assistants' Contributory Pension Scheme (CPS), [consider nominating yourself for an active member trustee position](#).

### Group news:

**Alison Smith** took part in [The Food Programme](#) on Radio4 about how microalgae, such as Chlorella, and Spirulina (a cyanobacterium) could be the secret to securing food for the world's growing population, providing a source of protein and vitamins. It was also featured in the [Telegraph](#).

Research led by **David Coomes** and Tom Swinfield (CCRI) [suggests that degraded soils mean tropical forests may never fully recover from logging](#).

**David Coomes** and [Toby Jackson](#) (Coomes group) in a [video of finding the tallest tree in the Amazon](#). Also [featured in the Cambridge Independent](#).

[Flora Donald](#) (Cunniffe group) featured in [Woman in STEM](#).

**Congratulations** to [Erin Cullen](#) (Glover group) who **passed her viva** with minor corrections on 7 January.

**Giles Oldroyd** [hopes his research in self-fertilising crops can increase yields for farmers in the developing world and reduce pollution](#).

[Matt Davey](#) (Smith group) will be leaving us in April to start a **Senior Lectureship** at the [Scottish Association of Marine Science](#) (SAMS) and University of Highlands and Islands. There will of course be a happy-hour before he leaves after being here for 11 years.

Welcome to:

[Gareth Porteous](#), Technician (Paszkowski group); [Caroline Kemp](#), Technician (Tanentzap group); [Anoop Tripathi](#), Technician (Hibberd group); [Renata Retkute](#), Research Associate (Gilligan group); [Lewis Hughes](#), Events Co-ordinator, EIT Food; [Momoko Ando](#), Postgraduate (Davies group) and [Cristiano Rodrigues Reis](#), visitor (Coomes group).

Resources:

['Like sending bees to war': the deadly truth behind your almond-milk obsession.](#)

[Reporting from REAP 2019.](#)

[The story of N2Africa: legumes for nitrogen fixation.](#)

## Equality, Diversity & Wellbeing



Personal and Professional Development (PPD) is very pleased to present the [new Flyer for Lent term](#). There are hyperlinks throughout. [Join the PPD flyer mailing list](#) and receive your termly copy directly.

**20 Jan:** [Technician Network Event](#). 10-11.30am. CRUK-CI Lecture Theatre.

## Green Corner



Green thought of the week:

*2020: New Year health drive? Take the stairs not the lift! Use ATP, not Electricity.*

## From the Botanic Garden



Katie Martyr (Botanic Garden) discusses how the temperature on the UK's hottest day was recorded. [Cambridge Independent](#).

[Interactive map.](#)

**Publications**

Bogdziewicz M, Ascoli D, Hackett-Pain A, Koenig WD, Pearse I, Pesendorfer M, Satake A, Thomas P, Vacchiano G, Wohlgemuth T, Tanentzap A. (2019) [From theory to experiments for testing the proximate mechanisms of mast seeding: an agenda for an experimental ecology](#). **Ecology Letters**.

Poon JSY, Le Fevre RE, Carr JP, Hanke DE, Murphy AM. (2019) [Inositol hexakisphosphate biosynthesis underpins PAMP-triggered immunity to \*Pseudomonas syringae\* pv. tomato in \*Arabidopsis thaliana\* but is dispensable for establishment of systemic acquired resistance](#). **Molecular Plant Pathology**.

Carr JP, Tungadi T, Donnelly R, Bravo-Cazar A, Rhee S-J, Watt LG, Mutuku M, Wamonje FO, Murphy AM, Arinatwe W, Pate AE, Cunniffe NJ, Gilligan CA. (2020) [Modelling and manipulation of aphid-mediated spread of non-persistently transmitted viruses](#). **Virus Research**.

Matthus E, Sun J, Wang L, Bhat MG, Mohammad-Sidik AB, Wilkins KA, Leblanc-Fournier N, Legué V, Moulia B, Stacey G, Davies JM. (2020) [DORN1/P2K1 and purino-calcium signalling in plants: making waves with extracellular ATP](#). **Annals of Botany**.

## Events, Training, Workshop Opportunities

### Highlights

**16 Jan 2020:** Dept Seminar-[The roots of change: global change and mycorrhizal symbiosis through the Phanerozoic](#). Katie Field, Leeds. **1pm. LLT.**

#### University

**16 Jan 2020:** CNHS-[Chalk streams of Cambridgeshire](#). Ruth Hawksley. **6.45pm. DAB.**

**17 Jan 2020:** [SDG Tool](#). Dr Nicholas Wilkinson. **12-1.30pm. DAB.** Online tool that allows conservation professionals to look at how biodiversity projects can contribute to the Sustainable Development Goal targets.

**20 Jan 2020:** [Biosphere-atmosphere interactions in Earth System Models](#). Cat Scott, Leeds. **2pm. Chemistry.**

**22 Jan 2020:** [Why Birds Matter. Prof. Cagan Sekercioglu](#). **5pm. DAB.**

**23 Jan 2020:** [How has the UK's aid commitment advanced the Sustainable Development Goals?](#) 6pm. Jesus College.

**27 Jan 2020:** [Cambridge Epigenetics Club](#). 5pm. Biffen.

Other

**22 Jan 2020:** [Critical theme: Small-scale farming and the future of the European food system](#). 5.30pm. London.

**14 May 2020:** [From Farmer to Pharma-and Beyond](#). Harpenden.

**Previously Advertised - also [see the archive](#).**

**13 Jan 2020:** [Member Exclusive: Learn, Network and Celebrate with Agri-Tech East](#). 2-6pm. Cambridge. (NB. University of Cambridge is a member).

**11 Feb 2020:** [Nothing to Wine About - Uncorking the Opportunities for Innovation in Viticulture](#). 2-6pm. Science Park.

**18 Mar 2020:** [Controlled Environment Agriculture - The Industry is Growing Up](#). Norwich.

**29 Apr 2020:** [Pollinator - Keeping a Sunny Outlook - De-risking Agriculture Through Weather-Tech](#). 4pm. Hemel, Norfolk.

## Funding & Competitions

### Highlights

**28 Jan 2020:** [Visit by the Royal Society Grants Team](#). 10-12.15pm. Maxwell Centre. Presentations, Q&A, networking.

## Careers - [see the archive](#)

**Plant Sciences:** [Research Assistant/Associate](#) (Fixed Term) - Kromdijk group. **Deadline:** 6 Feb 2020.

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**Cambridge:** [Research Associate / Senior Research Associate in Sustainable Consumption](#). **Deadline: 19 Jan 2020.**

**NIAB:** [Bioinformaticians](#). **Deadline: 19 Jan 2020.**

**Netherlands:** [15 Social Science Post-doc positions](#). **Deadline: 20 Jan 2020.**

**Netherlands:** [Communications Manager](#). **Deadline: 21 Jan 2020.**

**London:** [Summer Science Exhibition Intern](#). **Deadline: 24 Jan 2020.**

**SLCU:** [Research Associate in Microbial Systems Biology - Locke group](#). **Deadline: 26 Jan 2020.**

**SLCU:** [Research Associate in Plant Systems Biology - Locke group](#). **Deadline: 26 Jan 2020.**

**SLCU:** [Research Associate - Plant Processes for Filamentous Microbes](#). **Deadline: 2 Feb 2020.**

**Zoology:** [PDRA: Collation of scientific evidence for the effective management of biodiversity](#) (Fixed Term). **Deadline: 3 Feb 2020.**

**British Columbia:** [Bioinformatics Postdoctoral Research Fellow](#). **Deadline: 10 Feb 2020.**

**British Columbia:** [Associate Professor or Professor position \(full-time tenure-stream\) in urban forestry](#). **Deadline: 15 Feb 2020.**

**Agri-TechE:** [Various positions available](#). **Various deadlines.**

**Leeds:** [PhD: Developing a new methodology for assessing future food production based on machine learning, remote sensing and crop models](#). **Deadline: not specified.**

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**CUBG:** [Learning Administrator](#). **Deadline: 19 Jan 2020.**

## Career Development Opportunities

**20 Jan 2020:** [EIT Food online course: Explore How Farmers Produce Food Sustainably](#).

**Fun Stuff**

**16-18 Jan:** [11th Elysian Winter Beer Festival](#). **Ely.**

**18 Jan:** [The Eddington Feel Good Festival](#). **12-4pm.**

**18 Jan:** [Free Self Defence Workshop](#). **2-5pm. Hills Road.**

## **Music**

**18 Jan:** [Cambridge Philharmonic presents My Musical Magical Hat](#). **2 & 4pm. West Road.**