



August 2017

FEATURED

The Taproot Podcast: Extreme Open Science and the Meaning of Scientific Impact with Sophien Kamoun

In this episode, the hosts and Sophien Kamoun discuss a recent collaborative paper (Islam et al., 2016, BMC Biology) that really embodies the concepts of open science. It addresses the source and characterization of a newly discovered wheat blast in Bangladesh. Wheat blast is a fungal disease that affects grasses that are a huge threat to food security. [Read more and listen to the podcast on Plantae.](#)

AWARDS

Plant Cell & Plant Physiology

This month's top *Plant Cell & Plant Physiology* papers by Altmetric score

Plant Cell: [A Global Co-expression Network Approach for Connecting Genes to Specialized Metabolic Pathways in Plants](#)

Plant Physiology: [Hierarchically Aligning 10 Legume Genomes Establishes a Family-Level Genomics Platform](#)

RESEARCH

What We're Reading

Find out [Why We're Writing "What We're Reading"](#). Feel free to share your suggestions by sending us an [email](#).

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FEATURED JOBS

Assistant Professor of Bioinformatics

University of Puget Sound
Tacoma, WA, USA

Crop Scientist

Bowery Farming Inc
Kearney, NJ, USA

Post-BA Research Assistant in Biology

Oberlin College
Oberlin, OH, USA

*Search/browse all jobs on
jobs.plantae.org*

[What We're Reading: August 11](#)

[What We're Reading: August 4](#)

[What We're Reading: July 28](#)

EDUCATION & OUTREACH

Teaching Tool: It's Not Easy Being Not Green

This Teaching Tool explores the biology and evolution of parasitic plants and their impact on agriculture. It also describes the molecular evolution of a parasitic adaptation at a level intended for advanced students.

Education and Outreach at Plant Biology 2017

ASPB's education and outreach presence was strong at Plant Biology 2017 in Hawaii! Activities included

- [A BLOOMEing Good Time](#) at the ASPB Education booth
- [ABC's \(Analysis, Bioinformatic, and Computation\) in the Classroom](#) at the Education Workshop
- Art, writing, citizen science, schoolyard woodlands, and more at the [Education Concurrent Symposium](#)
- [SURFing at the Undergraduate Poster Session](#)

Scientists Urgently Needed to Mentor Students Online

PlantingScience.org is seeking scientists (undergraduates through retired/emeritus) willing to mentor middle and high school students this fall (Sept – Nov). We expect over 1,000 student teams and do not have enough mentors to work with them all! [Learn more and sign up.](#)

New Episode of Science IRL

Joyce Van Eck, Boyce Thompson Institute, demystifies GMO's by showing how they're made in the lab and discussing their safety to consumers.

ASPB UPDATES

Plant Biology 2018 Workshop Proposals

Submit your proposal to organize a

ASPB Calendar

Mid-Atlantic Section Fall Meeting and Crab Feast

October 7, 2017, at University of Maryland, Baltimore County

Phenome 2018

February 14 - 17, 2018, in Tucson, Arizona

Midwest Section 2018 Meeting

March 3 - 4, 2018, at Iowa State University

Southern Section 2018 Meeting

March 24 - 26, 2018, at Le Pavillon in New Orleans

Plant Biology 2018

July 14 - 18, 2018, in Montreal, Canada

View all upcoming ASPB deadlines and events

ASPB News



READ THE LATEST ISSUE

workshop at Plant Biology 2018. [Proposal](#)
[deadline: September 5.](#)



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