Phytogen July 2017

June GPC Bulletin and conference added to ASPS events page

10 July 2017

A new conference has been added to the ASPS events page.





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The GLOBAL PLANT COUNCIL

E-Bulletin /
June 2017

This month our Executive Director Ruth has been busy across the pond, visiting the International Conference on Arabidopsis Research in St. Louis (MO, USA), and Plant Biology 2017 in Hawai'i!

At Plant Biology 2017, the annual meeting of the American Society of Plant Biologists, t new and improved Plantae.org platform was launched – have you checked it out yet? Plantae is a digital social platform just for plant scientists – you can use it to network w others around the world, share teaching and learning resources, start or contribute to groups and discussions, and read up on the latest plant science news and views. It's fr to join, and you don't have to be an ASPB or GPC member!

The GPC's next appearance will be at the Society for Experimental Biology Annual Mair Meeting in Gothenburg, Sweden (3-6th July) – always an excellent meeting packed full fascinating talks and symposia, and very well represented by the global plant science community. This will be shortly followed by our 'New Breeding Technologies in the Plan Sciences' symposium (7-8th July), which we're really looking forward to! We hope to se you there!

Latest News /
View more...

If you have news you would like us to share on our website, please contact sarah@globalplantcouncil.org







This month 60 new breaking news stories were posted on the GPC website including...

Biologists find missing link for the 'safe' signal in plants
Plant biologists at Utrecht University and colleagues from the University of Amsterdam (Netherlands), have now discovered how the plant metabolises jasmonic acid, issuing a 's signal when the threat of pests has passed.

Nitrogen-efficient crops on the horizon: how can we grow more with fewer emissions?
Through a natural, affordable alternative to farmers' heavy use of nitrogen fertilizers, scien now offers an option to boost crop productivity and dramatically reduce greenhouse gas emissions

Detailed new genome for maize shows the plant has deep resources for continued adapta
A new, much more detailed reference genome for maize (corn) has been published in *Nat*

Mathematical biology tackles destructive plant virus
A team of researchers at the National Institute for Mathematical and Biological Synthesis has used mathematical modeling to better understand the dynamics of maize lethal necr disease.

Vinegar: a cheap and simple way to help plants fight drought
Japanese researchers have discovered a new, yet simple, way to increase drought toleran wide range of plants – just by growing them in vinegar.

Events /
View more...

If you have a conference, meeting, workshop, training course or other event coming up, w include it in our Events calendar! Please email sarah@globalplantcouncil.org

4th International Symposium on Genomics of Plant Genetic Resources
03–07 September 2017. Giessen, Germany.

2nd Latin American Conference on Plant Phenotyping and Phenomics for Plant Breeding
20–22 September 2017. São Carlos, Brazil.

Managing Global Resources for a Secure Future
22–25 October 2017. Tampa, FL, USA.

Don't forget, if you are a member of any of the GPC's Member Organzations, you can clain 20% discount on all training workshops offered by Transmitting Science! Just enter the code **GC237648** when completing your registration.

Policy /

Lots of new reports, and an archive of useful documents from the last few years, are avail on our website. Head to the Resources page and click 'Reports'.

Good NEWS for the fight against malnutrition in Africa
CIAT is developing a new innovation in the fight for food and nutrition security called the Nutrition Early Warning System, or NEWS. It will focus initially on boosting nutrition in sub Saharan Africa, but eventually NEWS will target vulnerable populations globally.

Spatial database of the world's rice production to address research and policy questions food security
Researchers from all over the world have developed the RiceAtlas: a spatial, open access database that answers key questions like where, when and how much rice is grown globa

Global diet and farming methods 'must change for environment's sake'
Reducing meat consumption and using more efficient farming methods globally are esser
stave off irreversible damage to the environmental, a new study says.

Funding Opportunities /

Spotted a funding opportunity we've missed? Please tell us about it by emailing sarah@globalplantcouncil.org

The Linnean Society has a number of active awards and funding calls at the moment, and
Chinese Academy of Sciences is also offering a package of international fellowships to su
highly-qualified international scientists and postgraduate students to work and study at a
with CAS institutions. Read more about these funding opportunities here.

Congratulations to Dr Bina Agarwal (University of Manchester, UK), Dr Paul Gepts (Univer
California, Davis, USA) and Dr Elena Poverenov (The Volcani Center, Israel), who have bee
awarded the 2017 Louis Malassis International Scientific Prizes for Agriculture and Food.

The project "Adapting durum wheat varieties to the Senegal Basin for food security", led b
Filippo Maria Youssef Bassi (ICARDA) has also been awarded the 2017 Olam Prize for Inno
in Food Security. Congratulations!

On the blog /
View more...

Would you like to contribute an article to the GPC's blog? Please get in touch!
Email sarah@globalplantcouncil.org

The State of the World's Plants 2017 by Bursary Winner Harison Andriambelo
Harison Andriambelo from the University of Antananarivo, Madagascar, was the lucky rec
of our State of the World's Plants Symposium travel bursary, generously sponsored by the
Society for Experimental Biology. Here's Harison's report on the meeting!

Rise in groundwater overuse could hit food prices

Neena Bhandari discusses a recent *Nature* paper, which found that the amount of non-renewable groundwater used for irrigation increased by a quarter between 2000 and 2010

Genetics to boost sugarcane production

Scientists in Brazil are taking steps towards genetically modifying sugar cane so it produc more sucrose naturally, looking to eventually boost the productivity and economic benefi the tropical grass.

Broadcasting plant science live to the world

Dr Ian Street reports on 'Botany.Live!', an innovative live-streaming initiative launched to celebrate Fascination of Plants Day 2017.

Members /



Click here for details of the GPC Member Societies and Affiliates and their representatives

Please contact us (info@globalplantcouncil.org) to find out how your organization can joi Global Plant Council.



The GPC is a coalition of plant and crop science societies and affiliates from across the gl
The GPC seeks to bring plant scientists together to work synergistically toward solving the
pressing problems we face.

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