Phytogen November 2022

Phytogen out now

28 November 2022

Hello ASPS members,

November Phytogen is out now and can be accessed HERE.

If you missed it the October Phytogen can be accessed HERE.

The October Global Plant Council E-Bulletin can be accessed HERE.

November 2022 Phytogen

25 November 2022

Welcome to Phytogen for November 2022. Lots of Prizes and Grant Announcements ! Congratulations everyone and best wishes for those applying next time.

There are announcements for Superstars of STEM, click on the image below to read about the amazing recipients.



Australian Academy of Science held Science at the Shine Dome 2022 during November celebrating induction of Fellows and Honorific Awards for 2020, 2021 and 2022. There are plenty

of plant people to celebrate along with all the other recipients in many amazing fields of science. Watch the videos below by clicking on play.

2022:

“All life is dependent on plants, and with the population increasing we had to work out ways to increase food production.” Dr Liz Dennis from CSIRO is working to ensure higher yields can continue beyond a hybrid seeds’ 1st generation, which could have a major impact on food supply.

2021:

Professor Susanne von Caemmerer from ANU. Research from leaf chloroplasts to global models of plant production aimed at enhancing photosynthetic rates in crop plants to increase their yield and adapt to climate change is now applied world-wide.

2020:

Professor Jane Langdale FAA



Professor Jane Langdale's research has transformed our understanding of how plants initiate leaves, how leaves adapted to major evolutionary transitions and how those changes affect photosynthesis in land plants.

She has explained various plant mechanisms, including organ inception and specification at the tip of shoots, patterning of distinct cell-types and the development of chloroplasts.

Importantly, Professor Langdale has carried out research in a comparative framework, advancing our understanding of leaf development not just in model flowering plant species but in species from all of the major land plant lineages.

What are you most proud of in your research?

"The people I have worked with over the years. Any recognition of my research is recognition of the wonderful people who have contributed to the discoveries that we have made – from the technicians who wash the lab glassware to the postdocs who challenge my ideas and prove me wrong."

What does your election to the Academy mean to you?

"I have family, friends and many colleagues in Australia, and to be recognised by the national Academy is an incredible honour. I hope that I am able to contribute to the Academy's mission in a meaningful way.

"Science should never be a single nation endeavour. Interactions and collaboration between people from different cultures, with a broad range of views and experiences, are essential for the synergy that fuels truly original and creative scientific advances."

Professor Jane Langdale from Oxford University in the United Kingdom is elected a corresponding member.

The ARC has also announced funding, congratulations to all. Click on the links below for the



media releases.

Discovery Projects 2023,

Linkage Infrastructure, Equipment and Facilities 2023,

Centres of Excellence 2023,

Discovery Indigenous 2023,

Discovery Early Career Researcher Award 2023.

Here is an article from the ABC about years with rain and rare flowering of a rainforest tree in western Queensland.



Rare rainforest tree, ooline, Cadellia pentastylis, blooms in outback Queensland

ABC Western Qld / By Danielle Lancaster

Posted Yesterday at 3:18am, updated Yesterday at 2:48pm

An ooline tree in flower at Fregole National Park. (ABC Western Qld: Danielle Lancaster)

All the best with our changeable climate, contending with hay fever, floods in the east, and extreme heat in the west .

Upcoming Events

Next week is the Future of Food Summit at QUT.



Planning has started for ASPS meeting in Tasmania in 2023 and well underway for IUBMB 2024 in Melbourne.



Our President Elect Professor Martha Ludwig would like to share an upcoming Special Issue in

Plants:



Please login and check your ASPS membership is up to date. Encourage your colleagues and students to join ASPS.

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