

AMS Newsletter February 2018

2018 AMS membership subscriptions

A reminder that AMS 2018 membership registrations are now due and can be paid via cheque, credit card, PayPal or direct deposit into the Society's account. When paying laboratory memberships, could we request that all relevant student names be listed for AMS records and the mailing list. Details for membership payment can be found at:

<https://www.australasianmycologicalsociety.com/membership>

Many thanks for your membership, which enables us to continue to hold our scientific meetings and support Australasian mycology through the awarding of our research grant. Particular thanks go to our sustaining members from 2017, Elaine Davison and David Lark (MouldLab).

AMS Scientific Meeting July 4 – 5, 2018

Details for the AMS Scientific Meeting, which will be held in Brisbane on the 4th & 5th July, 2018, are now available. See the publicity poster (attached). Registration will open via the AMS website in the coming weeks.

Australasian Plant Pathology Society Student and ECR International Congress of Plant Pathology 2018 Bursary Scheme

The Australasian Plant Pathology Society (APPS) will provide bursaries for students and early career researchers in Australasia, the Pacific region and South East Asia, who have less than 10 years' experience in the plant pathology profession (including any postgraduate training as part of that experience) to attend the International Congress of Plant Pathology in Boston USA (July 29 – August 3, 2018). If in doubt as to whether you qualify as an early career researcher (ECR), consult the APPS Executive Secretary (harbans.bariana@sydney.edu.au). These bursaries will be for \$3000 per student or ECR, and are to assist with conference registration, accommodation during the conference and travel. Four bursaries are being offered. APPS membership for 2018 is a strict requirement to be awarded a bursary (or 2017 membership on the proviso that 2018 membership is paid prior to acceptance of the bursary).

To view full guidelines and application form see the attached PDF.

AMS Fungus of the Month - Novel death cap mushrooms from Australia

Elaine Davison and colleagues recently characterised three new species of *Amanita* from southern Australia, in the section *Phalloideae*. This section also contains the highly toxic Death Cap (*Amanita phalloides*). In molecular phylogenetic analyses, the novel species fall within one clade of Section *Phalloideae*, Clade IX, that also contains *Amanita eucalypti* and *A. marmorata*; and otherwise only two non-Australian taxa (undescribed species from Asia). Chemical analyses of four Australian members of Clade IX did not detect highly toxic amatoxins, but phallotoxins were present. The three novel species include *Amanita djalimari* E.M. Davison, distinguished morphologically by the white to pale buff pileus in combination with broadly ellipsoid spores.

Davison EM, Giustiniano D, Buseti F, Gates GM, Syme K (2017). Death cap mushrooms from

southern Australia: additions to *Amanita* (Amanitaceae, Agaricales) section *Phalloideae* Clade IX. *Australian Systematic Botany* 30: 371–389. <<http://www.publish.csiro.au/SB/SB17032>>



Amanita djalimari, showing saccate volva at base of stipe, often present in members of *Amanita* section *Phalloideae*. (Image: EM Davison, reproduced with permission.)

Follow us on Twitter [@ausmysoc](https://twitter.com/ausmysoc)

Regards

Leona

DR LEONA CAMPBELL | *President, Australasian Mycological Society*

Associate Lecturer | Microbiology

School of Life and Environmental Sciences | Faculty of Science THE UNIVERSITY OF SYDNEY Rm

534, Bldg G08 | The University of Sydney | NSW | 2006 T +61 2 9351 2540 | F +61 2 9351

4571 E leona.campbell@sydney.edu.au | W <http://sydney.edu.au>