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AUGUST NEWSLETTER



Above: A collage of merely a handful of the many members who enjoyed attending the launch of the Society's latest book, *Mapping Van Diemen's Land and the Great Beyond* at UTAS on 19 July 2018. (Photos by RST student councillor Austen Hawkins.)

Members had the privilege of socialising with the proud authors and editors of this beautiful creation. A real collector's item!

Below: Talented photographer Sam Rosewarne from *The Mercury* captured a superb portrait of the three editors of the new book and further below captured other launch guests and published them in the 'Out and About' Saturday supplement.



Editors of *Mapping Van Diemen's Land and the Great Beyond*, Margaret Davies, Warren Boyles and Lynn Davies.



ABOVE: David Wilson, of Lindisfarne, left, Derris Wood, of Seven Mile Beach, and John, Deborah and Mia Williamson, all of Sandy Bay.

What: Royal Society of Tasmania book launch, *Mapping Van Diemens Land and the Great Beyond*

Where: Stanley Burbury Theatre, Sandy Bay

When: Thursday, July 19

Pictures: SAM ROSEWARNE



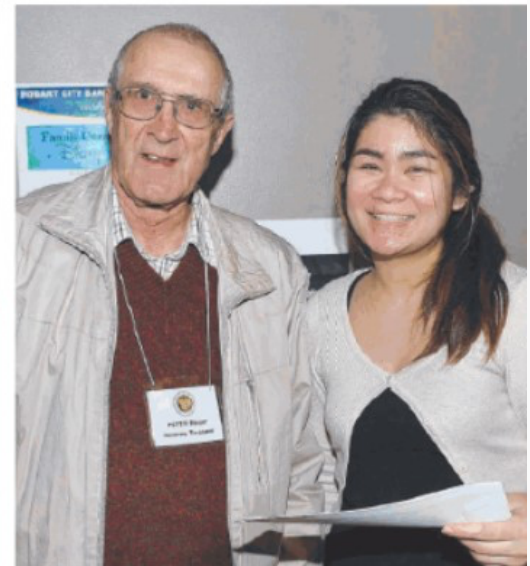
ABOVE: Anita Hansen, of New Town, left, and Angela Ryan, of Glenorchy.



ABOVE: John Thorne, of Sandy Bay, left, and Alison Parsons, of Battery Point.



ABOVE: Daniel Owens, of Sandy Bay, left, John Burgess, of Sandy Bay, and Yingyao Chueng, of Sandy Bay.



ABOVE: Peter Meyer, of South Hobart, left, and Ann Watson, of Rose Bay.



175th Events Calendar

Hobart Events	Location	Time	Date
Medal award and lecture	Government House	6pm	30 August 2018
<i>Poles Apart: Fascination, Fame and Folly</i> book launch	TMAG	5.45pm	6 November 2018
Jurassic Picnic	Royal Tasmanian Botanical Gardens	10.00am–1.00pm	10 November 2018
<i>Poles Apart</i> exhibition	Morris Miller Library foyer, Sandy Bay	8.30–9pm weekdays 8.30–6pm weekends	Nov–Dec 2018
DINOSAUR rEVOLUTION	TMAG	Tues – Sun 10.00–4pm Closed Mondays	7 December 2018– 5 May 2019
Louisa Anne Meredith Exhibition	Jane Franklin Museum	1.30–5.00pm Sat and Sun	February 2019
Dinosaur Symposium	Stanley Burbury Theatre UTAS	To be advised	23–24 March 2019
De Wesselow exhibition	TMAG	Daily 10.00–4pm Closed Mondays	March 2019
Northern Events	Location	Time	Date
<i>The Laughing Gas Cure</i> play reading	QVMAG Launceston	1.30pm	30 September 2018
<i>Poles Apart: Fascination, Fame and Folly</i> book launch	QVMAG Launceston	1.30pm	25 November 2018

Peter Smith Medal

Nominations have been called for the Peter Smith Medal. This medal is awarded biennially to an outstanding early career researcher in any field. The recipient will receive a medal and will deliver 'The Peter Smith Lecture' to the Society.



For the purpose of the medal, 'early career' is taken to mean that the time since the award of a PhD, at the award nomination deadline, is less than seven (7) years.

The conditions of the award are:

- The works are to have been largely carried out in Tasmania or under the aegis of a Tasmanian-based organisation and within the Society's purview; and
- The nationality of the recipient is not to be considered in making the Award, that is, the Award is not restricted to Australian nationals.

The closing date for nominations is 30 September 2018.

Visit the Society's webpage for information: <https://rst.org.au/category/news/>

Appendix F: Guidelines for nominations is included on the above webpage and all nominations must be forwarded in digital form by the due date. Self-nomination is not allowed.

Members of the Society and other interested parties are encouraged to be pro-active in sharing this information.

Nominations should be sent by email to - The Secretary: royal.society@tmag.tas.gov.au

Dr John G. Thorne, AM

Chairman, The RST Honours and Bursary Committee



2018 Student Bursaries

The following are the recipients of bursaries from the Society in 2018:

- ◆ **Dominic Grose** and **Max Cross** attended the Junior ANZAAS Science School in Melbourne.
- ◆ **Rose Donnelly** and **Fergus Ayton** attended the world-wide Science Summer Experience in London.
- ◆ **Raiden Lemon** attended the Global Physics Challenge in Beijing.
- ◆ As a team, **Alex Titchen**, **Koh Kawaguchi**, **Fergus Charles**, **Fabian Natoli**, **James Pash** and **Alex Hogan-Jones** participated in the NASA/Cape Kennedy Science Challenge.

All the students who travelled overseas were representing Australia, having been chosen from an earlier, but similar, Australia-wide event.

Dr John G. Thorne, AM

Chairman, The RST Honours and Bursary Committee

Science Week

As part of Science Week on 26 August @ 1.15 pm [Meeting Room, Inveresk QVMAG](#) there will be **Student Reports on Science Festivals**. Dominic Grose and Rose Donnelly are two of The Royal Society Bursary recipients who will present short reports on their attendance at Science festivals. See information about these two marvellous students below:

Rose Donnelly is a Year 12 student at Launceston College studying Chemistry, Biology, English (creative writing) and Theatre. Having developed a passion for science last year when she attended the Tasmanian Youth Science Forum in Hobart, she has also attended the ANZAAS Melbourne conference and the National Youth Science Forum. Rose plans to complete a Bachelor of Science degree possibly majoring in neuroscience. She has an interest in theatre and has acted as an adjudicator for the Northern High Schools Debating Roster.



Dominic Grose is a Year 10 student at St Patrick's College, currently studying a range of Maths and Science subjects including Physical Sciences, Biology and Environmental Science, also Athlete Development. He is an enthusiastic mountain-biker, rower, rock-climber, guitarist and has been given a lead role in this year's Launceston Youth Theatre Ensemble production of *Around the world in 80 days*.

All welcome, members and friends are invited to attend. Presentation by
Dr Patsy Cameron, AO (pictured below)
Voices From the Other Side of the Colonial Frontier
A story of the social, cultural and spiritual survival of a unique people who lived on
the Bass Strait islands from 1810.
Sunday 23 September @ 1.15 pm [Meeting Room, Inveresk QVMAG](#)
Small fee for non-members (includes refreshments)



Dr Patsy Cameron AO is a Tasmanian Aboriginal elder who grew up on Flinders Island and has spent the past 45 years working to improve access to education for Aboriginal Tasmanians and promoting and preserving Tasmanian Aboriginal heritage.

Patsy was the first Tasmanian to be appointed to the landmark National Aboriginal Education Committee, and she helped establish the Aboriginal Studies course at the University of Tasmania, and the Riawunna Centre for Aboriginal Education. She is also the author of the celebrated book, *Grease and Ochre: The Blending of Two Cultures at the Colonial Sea Frontier* (2008).

Patsy was awarded the Order of Australia in 2017 in recognition of her decades of service and commitment to the Tasmanian Aboriginal community.



All welcome, members and friends are invited to attend this lecture presented by

Associate Professor Arko Lucieer (pictured above)

(from The University of Tasmania, Geography and Spatial Sciences Discipline, School of Technology, Environments and Design, Hobart)

Rise of the Drones: how Unmanned Aircraft Systems (UAS) create new opportunities for environmental remote sensing and geosciences

Tuesday 4 September 2018 @ 8 pm at the

[Royal Society Room, TMAG](#)



In recent years, the increased use of 'drones' in civilian applications has received both positive and negative coverage in the media. Many find the thought of flying robots that 'invade' people's lives or pose risks to passenger airplanes too intimidating and unacceptable. However, this presentation will show that drones (preferably termed Unmanned Aircraft Systems or UAS) fill a novel and exciting niche when it comes to observing, mapping and monitoring the environment at unprecedented levels of detail, such as in precision agriculture and viticulture; mapping and monitoring vegetation in remote locations like Antarctica; deriving 3D tree structure for forest inventories; and landslide deformation monitoring.

I will give an overview of the technology and exciting applications of UAS remote sensing. I will share our practical field experiences, our ups and downs, dos and don'ts from the last nine years of operating UAS for remote sensing research.

Arko Lucieer is an Associate Professor in Remote Sensing at The University of Tasmania. He leads the TerraLuma research group, focusing on the development and application of unmanned aircraft systems (UAS), sensor integration and image processing techniques for environmental, agricultural and high-precision aerial mapping applications.

Arko teaches remote sensing and GIS at the undergraduate and graduate levels. His current focus is on quantitative remote sensing of vegetation with the use of sophisticated UAS sensors to better understand the structure, distribution, and functioning of vegetation and to bridge the observational scale gap between field samples and satellite observations.



Congratulations Professor Trevor McDougall!

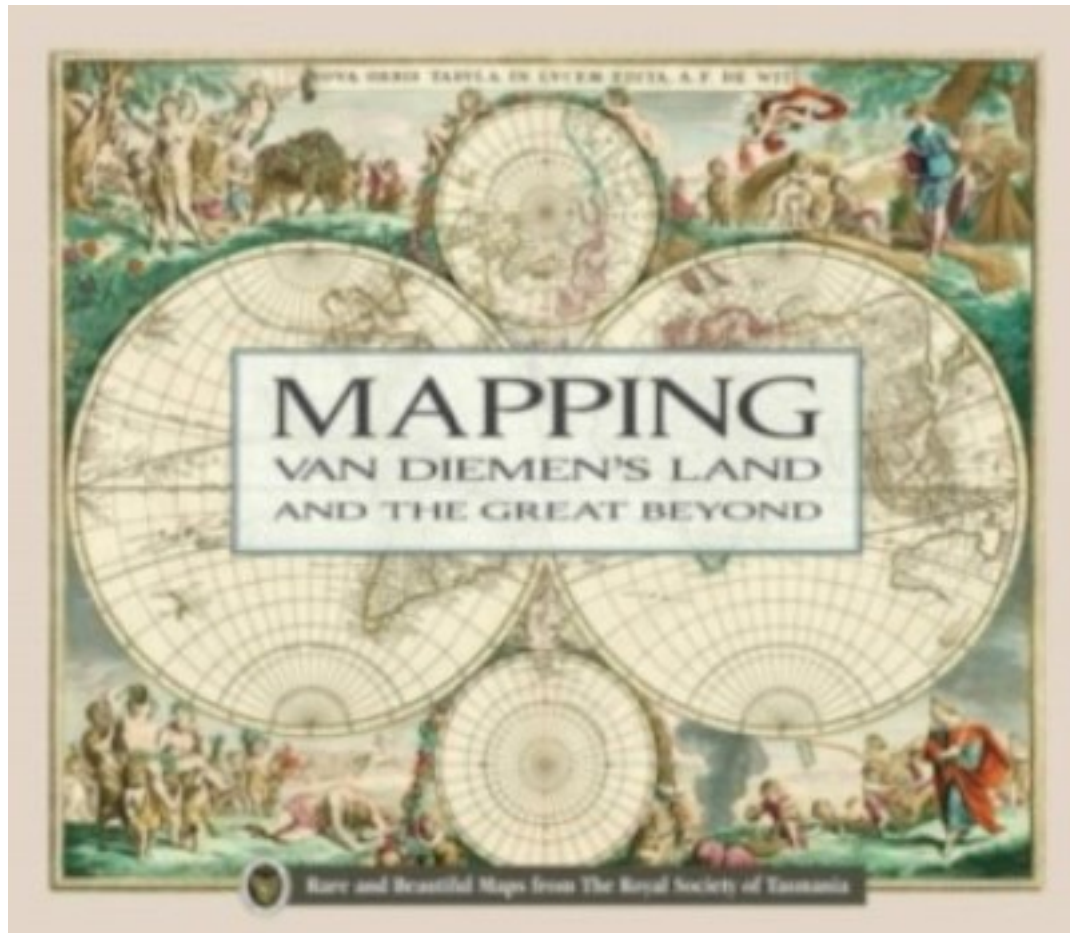
The Royal Society of Tasmania is proud to report that Professor Trevor McDougall, one of our members, has just been announced a Fellow of the American Geophysical Union (AGU).

The AGU Fellowship is an honour given to individual AGU members whose visionary leadership and scientific excellence have fundamentally advanced research in their fields.

The AGU is an international non-profit scientific association with nearly 60 000 members in 139 countries. It is dedicated to advancing the Earth and space sciences for the benefit of humanity through

its scholarly publications, conferences and outreach programs.

This year's Fellows will be celebrated at a ceremony in December at the 2018 AGU Fall Meeting in Washington, D.C.



The Royal Society of Tasmania is celebrating its 175th Anniversary year, starting on 14 October 2018. As part of the celebrations, two books are being published. The first, *Mapping Van Diemen's Land and the Great Beyond* (cover shown above) edited by Lynn Davies, Margaret Davies and Warren Boyles, was launched in mid-July. The volume contains over 100 high resolution images of rare and beautiful maps from the Society's collection with text from authoritative contributors contributing to their understanding.

Our second book, *Poles Apart: Fascination, Fame and Folly*, edited by Anita Hansen and Brita Hansen, will be published in November 2018.

[Order Mapping Van Diemen's Land and the Great Beyond](#)

Abel Tasman History Research

Lex Johnson of 34 Baragoon St., Howrah 7018 had been working with the late Dr Leaman on some aspects of Abel Tasman's history. However, with Dr Leaman's recent passing and Mr Johnson's present ill health, Mr Johnson feels that he will not be able to continue with their research. He would be very pleased if there is someone interested in obtaining his papers and maps for their own research. There are some new, valuable materials since Duyker in 1992 (e.g. 'Water Place' identified in 1942; and Sommerville vegetation, 2006).

If interested, please contact Lex Johnson on 03 6244 7734.



The Royal Society of Tasmania
2019 CALENDAR

Order your 2019 calendar now

Save the date for our October lectures

The Hobart Society's **October lecture** will occur on **Tuesday 2 October** presented by PhD students from the University of Tasmania who will be presenting synopses and answering questions about their current research and progress.

Northern Lecture

will occur on **Sunday 28 October** presented by PhD students from the University of Tasmania who will be presenting synopses and answering questions about their current research and progress.

Can anyone help?

The Herbarium is trying to track down some copies of the *Papers and Proceedings of The Royal Society of Tasmania*:

Vol 124 (2)

Vol 133 (2)

Vol 141 (2)

Anyone who has copies of these that they do not need and would be prepared to help should contact Matt Baker Matthew.Baker@tmag.tas.gov.au This would be greatly appreciated.

TMAG what's on

Subscription renewal 2018



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V I S I T the W E B S I T E



F O R W A R D to a F R I E N D RoyalSocTas July newsletter

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