

# THE ROYAL SOCIETY OF TASMANIA NEWSLETTER



## A Message from the President



Dear Members,

This month I extend a warm welcome to **new members** Rolan Eberhard, Indika Fernando, Prof Jamie Kirkpatrick AM, Prof Arko Lucieer and Ruth Mollison. I hope you enjoy your involvement with the Society. We are delighted that the Society is continuing to attract new members during the challenging times of the current pandemic.

I hope you can join us for the upcoming lectures presented live via webinar. The Northern Branch Launceston Lecture Series continues on Sunday 25 October at 1:30 pm with **'Butterfly Brilliance'**. Trevor Lambkin, David Maynard and Simon Fearn will speak about the amazing Lambkin-Knight Butterfly Collection recently donated to the Queen Victoria Museum and Art Gallery. Including many hundreds of species, some extremely rare and some that are now extinct, it is an important resource for national research. [Register now.](#)

The second of our **Doctoral Award lectures** will be delivered on Sunday 8 November at 3 pm. The speaker, Dr Jessica Ericson, will join us via Zoom from New Zealand, where she is working as a post-doctoral research scientist in shellfish ecophysiology and aquaculture at Cawthron Aquaculture Park. Read more about Jessica and her research into Antarctic krill on p. 2. [Register here.](#) Please pass the invitation on to your friends and colleagues.

You can view **past lectures for 2020** via The Royal Society of Tasmania YouTube Channel, which is going from strength to strength. [Visit here.](#) To date, it has attracted over 1,500 views.

**Nominations** are now open for the Society's annual Doctoral Awards, for research that has been largely carried out in Tasmania or under the aegis of a Tasmanian-based organisation. If you know an outstanding young researcher in any field, please do nominate them.

Members will be very pleased to hear that plans are progressing for our annual **Christmas lecture and dinner** on 1 December at the CSIRO, Battery Point. This event is always much enjoyed, and details will be shared as soon as arrangements are finalised.

I would like to thank our very hard-working executive members, Vice-President Jocelyn McPhie, Hon Secretary Marley Large and Treasurer David Wilson, who do so much behind the scenes to keep the Society functioning effectively. The Council members, committee Chairs and other volunteers continue to devote considerable time to the Society's work.

Best wishes, *Mary*

Mary Koolhof, President, The Royal Society of Tasmania

## October 2020

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Dear Royal Society of Tasmania members and supporters,  
You are invited to a Zoom webinar on 8 November 2020 at 3:00 pm.

## **Antarctic krill: What do the Southern Ocean's charismatic "omega-fauna" eat, and how might they fare in a future high CO2 world?**

### **Register in advance for this webinar.**

After registering, you will receive a confirmation email containing information about joining the webinar.

Webinar Speaker: **Dr Jessica Ericson** (Post-doctoral Research Scientist – Shellfish Ecophysiology and Aquaculture at Cawthron Aquaculture Park, New Zealand)

Jessica specialises in the study of ecologically and economically important marine invertebrates from temperate and polar regions. Her research primarily focuses on how climate change stressors (e.g. ocean acidification and warming) affect the physiology, biochemistry, immunology and behaviour of different invertebrate species. She has studied a wide range of 'charismatic micro-fauna' including limpets, mussels, oysters, sea urchins and krill. The unique responses of these organisms to their environment always provide opportunities to learn something new.

Her studies have taken her to remote locations including Antarctica and she has spent many weeks at sea on research voyages. Jessica was born in New Zealand and comes from a long line of lighthouse keepers and scientists, so believes it is no coincidence that she chose marine science as a career path. She is also a keen mountain biker, ocean swimmer and printmaker. She lives in Nelson, New Zealand.

**Left:** Antarctic krill (*Euphausia superba*).



## **Tips for joining a Zoom webinar**



### **This will be my first experience with Zoom. What do I do?**

- A link will be provided so that you can register in advance.
- Once you have registered, you will be emailed a link to view the lecture.
- Click on that link a few minutes before the advertised start time and follow the prompts.

### **What do I need to participate?**

- You can join from any desktop computer, laptop, tablet or smartphone.
- You do not need to have a Zoom account.
- You can participate in the webinar from anywhere in the world as long as you have an internet connection.

### **I've participated in small Zoom meetings where you can see and hear each person. Will it be like that?**

- A lecture is a bit different. Attendees will be in 'view only' mode.
- You will be able to see and hear the host, and the speaker and their slides.

### **Will I be able to ask a question?**

- Yes. At the end of the lecture, type your question using the Q&A button at the bottom of your screen.
- The host will ask the speaker a selection of these questions.
- Verbal questions are not available for this lecture.

### **What if I am late?**

- If you are late, you can still join the lecture.

### **Will the lecture be recorded?**

- Yes, the lecture will be recorded. After about a week, it will be available for viewing on the [\*\*RST YouTube channel\*\*](#).

**More questions?** Find the answers at: <https://zoom.us>

**How do I leave the meeting?** The host will close the meeting at the end.





## RST Northern Chapter

invites you to

### Butterfly Brilliance: The Lambkin-Knight Butterfly Collection

a Zoom lecture by **Trevor Lambkin, David Maynard and Simon Fearn**  
at **1:30 pm on Sunday 25 October 2020**

A collection of around 12 000 butterflies compiled by Trevor Lambkin and Ian Knight over the last 50 years has most generously been donated to QVMAG. Including many hundreds of species, some extremely rare and some that are now extinct, it is an important part of Australia's national research infrastructure.

Hear from lepidopterist Trevor Lambkin about building the collection, from QVMAG staff member David Maynard (Senior Curator of Natural Sciences) and also from Simon Fearn (Museum Collections Officer) on its research potential and housing such a large collection.

#### [Register now](#)

After registering, you will receive a confirmation email containing information about joining the webinar.

Generously supported by



### RST Who's Who

**David Wilson**

**Honorary Treasurer**

David graduated from the University of Tasmania in 1978 with BSc Honours, majoring in geology and geophysics. For the next 12 years, he worked as Geophysicist with Hydro Tasmania undertaking field investigations in remote parts of Tasmania and as Resident Geologist.

In 1992, David undertook additional studies in surface water hydrology at the University of New South Wales and then also worked in the field of hydrology, eventually as the Manager and Principal Consultant Hydrology and then Business Development Manager with Entura – Hydro Tasmania Consulting. Much of his work was based overseas working on hydro power and water projects, for the most part, in developing Asian countries as well as the UK and North America.

Since 2010, David has returned more to geological assignments, initially spending a year living in Papua New Guinea working on renewable energy projects and then as an independent consultant in Sarawak, Borneo as well as other parts of Asia and the Pacific. He is now semi-retired with interests in philosophy, natural beekeeping and photography. David has been a member of the Royal Society since 2014, serving on Council and various committees as well as two years as Secretary, and is now Honorary Treasurer for the Society.





## Membership Survey

Members received an email from the Society during September asking for their opinion on membership via a survey. Thanks to everyone who has completed it so far. If you haven't completed it yet, we encourage you to [click to complete it now](#). It will only take a few minutes and will help inform us when making future membership decisions.

Alternatively, feel free to print it out and post it to the Society at:

GPO Box 1166

Hobart Tasmania 7001

Please mark it: Attention Membership Secretary.

We really appreciate you taking the time to complete the survey.



## Update on the work of the Council's Aboriginal Engagement Committee (AEC)

The Committee has continued to work on two areas of activity in recent weeks, and regular interaction with Council is occurring given the importance of these activities to the Society. First, the suggested wording for Acknowledgement of Country has been drafted and discussed with the Council, with variations proposed for the *Papers and Proceedings* and meetings. Second, we have advanced the discussions with Council on the apology to Tasmanian Aboriginal people, including planning for the apology event.

On Tuesday 22 September, the Council hosted an extraordinary meeting to discuss the wording of the apology. The Council agreed to the wording pending confirmation of the preamble. This historic decision was a result of substantial work by several members of the AEC, particularly in fact-checking the text so that all mentions of "Society" or "Member" activities in the past are traceable to the Society's Minutes, correspondence or other historical documents. We will continue to update members as plans progress.

**Prof Matt King, Chair of AEC**

## Royal Society 2021 Calendar

Featuring 13 watercolours

by Francis Guillemard Simpkinson de Wesselow

Calendar size: 220 mm high x 297 mm wide

Retail price: \$19.95 plus postage and handling as applicable. Order from our [website](#).

Members of the Royal Society can also order from the website or RST office at the discounted price of \$18.00.

For orders of 10 or more: \$15.00 per copy (plus postage and handling if applicable).

Purchase direct from the Royal Society Office on Wednesday mornings 9:00 to 12:00 noon or email [royal.society@tmag.tas.gov.au](mailto:royal.society@tmag.tas.gov.au) or phone Wednesday mornings on 03 6165 7014.



### While stocks last – 2020 Calendar discounted

2020 Calendar discounted to \$8.50 if purchased directly from the Royal Society Office on Wednesday mornings.

Call in, phone or email. Order by post or from the website for \$12.00 per copy (including postage and handling within Australia).



The Royal Society of Tasmania  
2021 CALENDAR

## The Royal Society of Tasmania Foundation

The Foundation was established in 1995 by the Council of The Royal Society of Tasmania to provide additional funds to enhance the Society's activities in advancing knowledge, particularly about Tasmania. It was thought there should be some significant funds put aside for "a rainy day" and to allow new strategic initiatives to be developed. The Council sought the energy and wide experience of a long-time member in Mr Ron Banks AM to set up the Foundation, process the legal matters and begin the Foundation in a sound professional manner. Ron took to the task with enthusiasm and gathered a small group into a committee to set up the Foundation.

The Rules of the Society are set by Council and have recently been updated to allow for a Foundation which basically has the following aims:

1. to steadily grow a body of funds, invest it wisely and encourage donations, bequests, gifts or transfer from general funds
2. to (preferably) only use the income from investments on special projects or activities as determined by Council
3. to ensure the ongoing growth of the funds to ensure the long-term aims of the Society are achieved.

The Foundation has successfully met these aims by building up funds of over \$500 000 and using them to support or seed initiatives such as the extremely successful dinosaur exhibition in 2018–19. This exhibition, in conjunction with the Tasmanian Museum and Art Gallery, was highly successful in attracting a large audience and re-paying the seed funding with a modest profit.

In another initiative, when the Tasmanian Branch of the ANZAAS organisation ceased in 2015/16 but had funds that, by law, needed to be deposited with a responsible and like-minded organisation, the Royal Society accepted the responsibility for these funds and entrusted them to the Foundation for investment. These "ANZAAS" funds are clearly earmarked within the financial structure of the Foundation to support youth activities, such as science schools and bursaries.

The current committee of the Foundation consists of: Prof Jim Reid (Chair), Mary Koolhof, Marley Large, Peter Meyer, Dr Eric Ratcliff OAM, Dr John Thorne AM and David Wilson.

**The Foundation would welcome further tax-deductable donations or bequests, confident that they will be wisely used to further the aims of the Society and to the benefit of the wider Tasmanian community by the advancement of knowledge and education about the natural and cultural histories of Tasmania.**

Prof Jim Reid  
Chair, RST Foundation

**Please click and scroll way down to DONATE to our Society. Thank you for your kind support!**

### Call for Nominations for the RST Doctoral (PhD) Awards 2020

Nominations are now open for the RST annual doctoral awards. Two awards are made for excellence in research by recent PhD graduates in any field within the purview of the Society. The value of each award is \$1000 (AUD). Each awardee will be invited to present a lecture to the Society.

**Conditions of the Doctoral Awards:** The awards shall be made to candidates no more than three years, or three years equivalent-full-time, after their PhD graduation.

The candidate's research can be in any field (sciences, medicine, arts or humanities) and others within the purview of the Society. The awards are intended to recognise significant advances based on the PhD research, as evidenced by published or in press peer-reviewed papers in national/international journals or equivalent outputs in fields where publications are not the norm. The research must have been largely carried out in Tasmania or under the aegis of a Tasmanian-based organisation. Nominations must include an endorsement from the candidate's PhD supervisor or Department Manager. Nominations may be made by anyone, although no self-nominations will be accepted.

**Nominations will close on 15 November 2020.**

[Nomination guidelines](#)

Jocelyn McPhie, on behalf of the RST Honours and Awards Committee







## Revised Society Office Arrangements

It is now possible to visit the Royal Society office on Wednesday mornings 9:00 am to midday. It is necessary to enter the Custom House building **from the Davey Street entrance and register at the Visitors' desk**. TMAG's Safety Plan requires all visitors' details to be recorded.

Currently, up to three people may be present in the RST office at any one time; however, membership matters and book purchases can still be transacted. **A phone call prior to your visit will help with arrangements.**

**Please phone between the hours of 9:00am – 12 noon on a Wednesday morning on 03 6165 7014.**

### Main contact:

GPO Box 1166  
Hobart TAS 7001  
Email: [royal.society@tmag.tas.gov.au](mailto:royal.society@tmag.tas.gov.au)

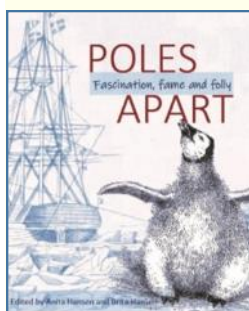
### Northern Branch contact:

Christine Beswick, Secretary:  
0417 330 118  
PO Box 47 Perth TAS 7300

Membership forms and renewals can either be posted to the Post Box (see above) clearly marked 'Royal Society of Tasmania' or completed and emailed to the address above.

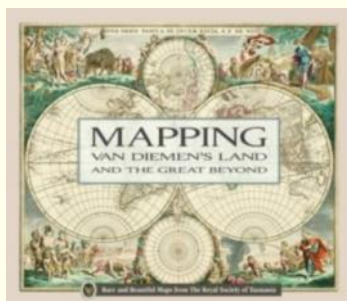
**Book and calendar sales are still available either through the RST shop, on our web page, or by email and phone through the office.**

**10% discount on these books to Members:**



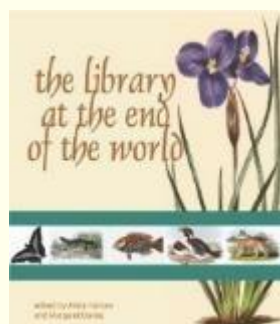
### *Poles Apart: Fascination, Fame and Folly*

Hardcover and Softcover



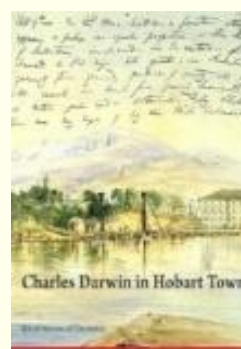
### *Mapping Van Diemen's Land and the Great Beyond*

Hardcover and Softcover



### *The Library at the End of the World*

Hardcover and Softcover



### *Charles Darwin in Hobart*

Softcover



### Calendars

2020 edition at right

David Wilson, Honorary Treasurer  
[dwilson.tas@gmail.com](mailto:dwilson.tas@gmail.com)

## Honouring the exceptional impact of our graduates on our island and the world



# UNIVERSITY of TASMANIA

Dear Alumni,

Now, more than ever, we need to acknowledge, appreciate, and celebrate the achievements of our alumni community.

We are a global family of 130,000 who live and work in 112 countries. We have unique skills and perspectives, but we share a common goal: to improve the world that we live in.

The University of Tasmania's Alumni Awards seek to honour the diverse achievements of our graduates who make a significant contribution across their fields of endeavour and communities.

As a valued member of our alumni community, we would like to invite you to nominate a friend, peer or colleague making a profound difference. For the first time the nominations can be completed online, and you can self-nominate.

### 2020 Alumni Award categories are:

#### Young Alumni Award

This award recognises high-achieving early to mid-career alumni who demonstrate the potential to shape the world, their region or locality through their vision, leadership and professionalism.

#### International Alumni Award

This award recognises alumni who have made a significant impact outside Australia to their region, country or globally through community service and/or professional achievements.

#### Distinguished Alumni Award

This award recognises distinguished community and/or professional service and achievement. The award highlights the diversity and quality of the contributions our graduates make to the enrichment of society.

Nominations for the 2020 Alumni Awards are open until **Saturday 31 October 2020**. Before you make a [nomination](#), find out more about the [award criteria](#), [guidelines](#), and [previous winners](#).

Thank you for taking the time to join us in acknowledging and celebrating the achievements of your peers. We are immensely proud of your contributions on a personal, professional and societal level.

Kind regards,

**Kate Robertson**

**Executive Director, Advancement**

E: [alumni.office@utas.edu.au](mailto:alumni.office@utas.edu.au)

P: 03 6324 3052

[Nominate now](#)



**Below:** Pictured are four of the 2019 Awardees:

**Dr Jess Melbourne-Thomas** is presented her award by Vice-Chancellor Prof Rufus Black; **Dr Stan Gauden** with his Award for Excellence; **Tara Howell** and **Dr Michael Pook**. (Photos courtesy of UTAS) The other Awardee was Dr Chris Hughes.





PERSONAL STORIES OF 65 GEOSCIENTISTS IN THEIR  
SEARCH FOR THE POT OF GOLD

# AUSTRALIAN MINERAL DISCOVERERS

Edited by John Hill, Tony Hope, Ross Large & David Royle  
Foreword by Professor Geoffrey Blainey, AC



Mineral discoveries in the 1950 to 2010 period have been the backbone of wealth creation for all Australians and helped to maintain Australia's economic position as the "Lucky Country". However, as you will read in these 65 biographies of Australian explorers and educators, the discovery of buried minerals is an extremely complex science that requires knowledge, innovation, disciplined application of geological principles, teamwork, persistence and an ounce of luck.

## Pre-Publication Offer

# Australian Mineral Discoverers

Edited by John Hill, Tony Hope, Ross Large  
& David Royle

The Royal Society of Tasmania is proud to announce the planned publication of a book about Australian mineral explorers. The Society has historically maintained a strong connection with exploration and discovery across a broad spectrum of natural sciences, including medical, biological and geological sciences. Geologists have played an important role in the Society, beginning with RM Johnston, a highly active and influential member, who authored the first book on the *Geology of Tasmania* which was commissioned by the Tasmania Government in 1884 to promote exploration and mining in Tasmania. His contributions were recognised by the Society with the production of the R M Johnston Medal.

**65 exciting and sometimes unbelievable stories of the life and achievements of a cross-section of Australian mineral explorers.**

"Outstanding geoscientists resemble a first-class poet, painter, architect, mechanical inventor, medical scientist; all have creative minds and are all explorers. They have to explore, with their mind, a subterranean world that was slowly taking shape long before human beings existed. They have to work out how fire and water, land and sea created or altered huge mineral deposits. They guide the expensive task of drilling deep holes to test whether their hypotheses are correct: often they are not. Failure is a memorable teacher."

**Prof Geoffrey Blainey AC**



The stories told in these pages include the discovery of 150 mineral deposits, from the very largest (Olympic Dam of over 6 billion tonnes of copper gold and uranium ore) to the smallest (the gold rich Juno deposit in Tennant Creek). Collectively, these mineral discoveries amount to many 100's of billions of dollars in ground value that have supported many mines, towns and communities in outback Australia for 50 years and beyond.



## Prices:

**\$50 members of The Royal Society of Tasmania**

**\$55 + postage for non-members (pre 1st December order)**

**\$60 + postage for non-members (post 1st December order)**

**Order now from The Royal Society of Tasmania**



## Access to The Society's Library to comply with COVID-19 restrictions

The Library is open.



Special & Rare Collections (5th floor, Morris Miller Library at UTAS Sandy Bay campus) including TRST Library is open and asks that all visitors and researchers comply with the following COVID-safe practices:

- Please make appointments via [special.collections@utas.edu.au](mailto:special.collections@utas.edu.au) to assist with managing maximum occupancy requirements.
- Opening hours are 10am to 5pm, Monday to Wednesday, closed for lunch 12:30 – 1:30 pm.
- Maximum occupancy of two visitors at any one time and must be adhered to.
- You are required to maintain the recommended 1.5m physical distance.
- Make sure you have had your temperature checked before entering the Library.
- Temperature checks will be undertaken at the entrance to Morris Miller Library.
- If you are not a staff member or student at UTAS, you will need to sign in on entry to Morris Miller Library to enable contact tracing.
- The Library is providing hand sanitiser, cleaning wipes and carrying out additional cleaning.
- If you are feeling unwell, please do **not** come to the Library.

Library staff will continue answering all email enquiries and can scan and email requests as needed, so if you don't wish to visit the Library in person, there is no need. We will also be quarantining material handled by researchers and other visitors for 72 hours, in line with UTAS Libraries' COVID-safe practice.

Any queries please contact [special.collections@utas.edu.au](mailto:special.collections@utas.edu.au)

**Juliet Beale**, Senior Librarian, Collections  
Library Services | Academic Division  
University of Tasmania

### John Maule Hudspeth (1792–1837)

Hudspeth, a medical practitioner, was born in Bowsden, Northumberland to surveyor and school master Thomas Hudspeth and Alice Fox-Maule. After medical training, he was employed as a ship's surgeon by the Hudson Bay Company – when the Arctic whaling industry was booming, due to the European demand for bowhead whale blubber used in lamps. These leviathans can reach up to 18 m long and weigh 100 tons yet are known to leap entirely out of the water. Designed for an Arctic life, the bowhead whale has a skull thick enough to break 16cm of sea-ice and the largest mouth of any animal, to filter plankton from the bottom of the ocean or along the floe edge.

Back onshore, Dr Hudspeth married Mary Lowrey in 1819. Their first child, Elizabeth, was born the following year, and in 1822 they decided to immigrate to Van Diemen's Land. As Mary was heavily pregnant, their young daughter was left behind with relatives in Northumberland, and a second daughter was born during the voyage on the brig *Minerva*.

A decade later, Elizabeth finally made the journey out, reuniting with her parents and meeting her four surviving siblings for the first time. During the voyage, she had slipped over and injured her knee which developed into a "white swelling".

Soon after her arrival, Hudspeth and a colleague had to amputate her leg, without anaesthetic – forcing her to wear a prosthetic cork leg for the rest of her life. Nonetheless, she survived this horrific ordeal and went on to become an accomplished amateur artist, with some of her works the only known extant pictorial illustrations of various buildings and scenes. Possibly she was influenced by convict landscape and portrait artist, printmaker and lithographer Charles Henry



**Left:** Journal of John Maule Hudspeth: A Voyage to Greenland in the good ship *Inverness* commanded by Captain Thomas Potts 1812. Includes descriptions of whaling and coloured drawings of landscapes, icebergs and a shipwreck at the end of the diary. [RS 2/2\(1\)](#)



**Left:** *Journal of John Maule Hudspeth: Summer in Hudson's Bay and the Voyage home to England 1816*. Includes a list of Indian names and vocabulary of Indian words and phrases.

[RS 2/2\(7\)](#)

Theodore Costantini who, after securing his freedom, took up a position as medical assistant to Hudspeth.

Although Hudspeth had been appointed Assistant Colonial Surgeon, he also became very interested in farming, taking up land at Jericho, south of Oatlands and naming his property 'Bowsden' in memory of his former hometown in England. The family initially lived in a simple hut while the estate was developing, but eventually the land holdings grew to encompass 4000 acres and a homestead befitting his position was constructed.

In 1837, Hudspeth died from "mental decay" aged just 45.

*John Maule Hudspeth's Journal of a voyage to Tasmania and arrival, 21st January 1822 - 25th March 1823*

This diary outlines the voyage to Van Diemen's Land on the *Minerva* and his arrival and settlement at 'Bowden', Jericho. It includes an account of his choice of a place to settle with the help of Major Bell, his grant of 600 acres, planting potatoes and cabbages, his appointment as medical officer and deputy constable, erecting a hut, making bricks and clearing ground for his garden. [RS 2/2\(8\)](#)

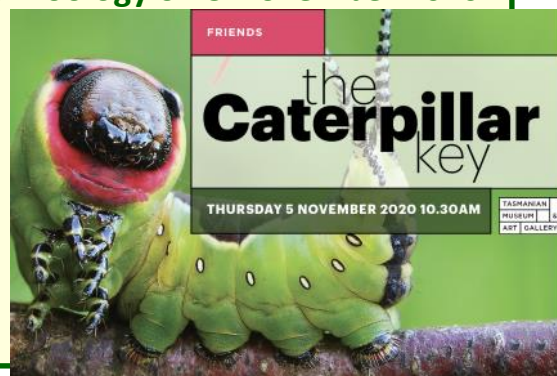
[This collection \(RS 2\) of journals and a letter book](#) housed in the Special & Rare Collections was bequeathed to TRST by his grandson, Wilfred Hugh Hudspeth (d.1952), who served for many years on the Council.

As an aside, the [watercolour image of the 'Ship Hadlow in the Ice'](#) from the Hudson's Bay diary was a critical component in the model construction of the ship which later became a convict transport. The *Hadlow* anchored in Sydney Cove on Christmas Eve 1818 with 150 male convicts and 1 female, a guard of 32 soldiers, a crew of 17 and "stores for the Colony".

## **The Caterpillar Key – an interactive, online tool for identifying the larvae of moths and butterflies** **A presentation at TMAG by Dr Cathy Byrne – Senior Curator of Zoology on 5 November 2020**

Caterpillars are obscure, little creatures that are often difficult to identify. This is not surprising as the Lepidoptera, the moths and butterflies, are one of the largest groups of animals in the world, with over 180 000 named species, but around one-half that number again still unnamed.

TMAG has now developed an online, interactive key that can identify caterpillars to family level or lower. [This diagnostic tool](#) is particularly important for the frontline of agencies such as Biosecurity for preventing pests from entering Australia but can also be used by the general public to identify caterpillars that they find in the bush or their backyards.



## **Jayne Wilson Bequest Bursary 2020**

TMAG is now calling for applications for the 2020 Jayne Wilson Bequest Bursary, from researchers interested in studying the museum's collections. The bursary for up to \$5 000 is aimed at graduate-level or above research associated with TMAG's collections.

The most recent recipient of the bursary, in 2018, was Kimberley Moulton (pictured), Senior Curator, South Eastern Aboriginal Collections, First Peoples Department, Museums Victoria (MV). Kimberley undertook a research collaboration with TMAG's First Peoples' Art and Culture curators on the Tasmanian Aboriginal and Kulin collections at TMAG and MV, researching and reconnecting these to their communities.

[Click to find out more about the bursary and how to apply at our website.](#)

Applications close on Friday 30 October 2020.

**Left:** Kimberley Moulton, the 2018 Jayne Wilson Bequest Bursary recipient, with Victorian stone tool collection. (Source Kimberley Moulton)





# The Royal Societies of Australia

## *Unexpected Outcomes*

**A new book by Emeritus Prof Robert Clancy AM FRSN**



The Royal Societies of Australia has partnered with Halstead Press in the promotion, sale and distribution of a new book on the impact of the work of Australian scientists, both familiar and unfamiliar, up to the mid-20<sup>th</sup> century.

*Unexpected Outcomes* seeks to answer the crucial question of what we can learn from the scientific thinking and practice of the past. Prof Clancy takes an in-depth look at the practice of scientific research and discovery from the colonial period up to the mid-20<sup>th</sup> century in Australia.

He examines over 100 individual scientists and their work to discover what enabled the dramatic success of Australian research on both a global and domestic stage. This is not a romantic celebration of an imagined golden age, but rather an evidence-based study of the assets, obstacles and limitations that both supported and undermined the course of scientific achievement in this country. Included in this list of key players are:

Sir Joseph Banks	Frank Macfarlane Burnet
William and Lawrence Bragg	David Masson
Anton Breinl	Douglas Mawson
Thomas Brisbane	Ferdinand von Mueller
William and Ida Browne	Georg von Neumeyer
John Cornforth	C Y O'Connor
Allan Cunningham	Joseph Pawsey
Tannatt William Edgeworth David	Ruby Payne-Scott
Howard Florey	David Rivett
Rita Harradence	James Sprent
Robert Logan Jack	Frederick Wolseley
Germaine Joplin	Richard Woolley

*Unexpected Outcomes* describes how the spirit of the Enlightenment energised and transformed discovery in colonial Australia and identifies local influences which sharpened our methods – a harsh landscape, unique flora and fauna; a less stratified society than the one often found in the Old World and a national myth encouraging ordinary individuals to 'have a go'. Clancy reviews the contributions of women who faced structural discrimination that seems incredible today and acknowledges that Indigenous peoples were achieving comparable breakthroughs but faced unequal obstruction when it came to contributing to a national conversation.

The book takes pains to recognise the vital role played by Royal Societies in science education and practice during colonial times and in the early 20<sup>th</sup> century and aims to contribute to the revival of multidisciplinary science in Australia.

*Unexpected Outcomes* presents its thesis in an exhaustively researched, highly readable fashion, liberally illustrated with aesthetically appealing and engaging scientific imagery.

Robert Clancy is a leading clinical immunologist and pioneer in the field of mucosal immunology. He is an Emeritus Professor at the University of Newcastle's School of Biomedical Sciences and Pharmacy. In addition to his professional medical interests, Professor Clancy has long been involved in historical research in the areas of medical history and colonial cartography and has developed a *History of Medicine* course through the Royal Australasian College of Physicians. This hardcover book comprises approximately 300 pages with nearly 100 illustrations in full colour and black and white.

John Hardie FRSN FHEA FGS, President





# We are open!

Untimed ticket bookings now available

[www.tmag.tas.gov.au](http://www.tmag.tas.gov.au)

## Tasmanian Museum and Art Gallery

Open Tuesday to Sunday, 10:00 am – 4:00 pm.

One important change is that whilst admission to TMAG remains free, all visitors are now required to make a free online booking via the TMAG website. Visitors can book an untimed ticket that is redeemable at any time during TMAG's opening hours on the booking date, pending overall site capacity. [For more information and to book, please click this link.](#)

The Museum Shop is open.

TMAG has enjoyed being able to welcome and connect with visitors virtually during its closure period, and will continue to offer a range of online activities, resources and programs for visitors to enjoy as part of the [TMAG from Home](#) initiative that is available from the TMAG website.

Visitors will be excited to learn about a new exhibition that is available to explore, [Exquisite Habits](#), featuring the botanic art of Tasmanian artist Stephanie Dean.

The evocative [This Too Shall Pass](#) exhibition which features portraiture and still-life works from TMAG's collection also remains on display. In addition, TMAG's major exhibition [West: Out on the Edge](#) has been extended and is now on show until 18 October 2020, giving the public more chances to explore Tasmania's unique West through this captivating multi-disciplinary exhibition.

**TMAG**  
**from**  
**home**



### Friends of TMAG

The Friends of TMAG have kindly extended an invitation to Royal Society of Tasmania members to attend a floor talk by Dr Cathy Byrne on ***The Caterpillar Key***, on Thursday 5 November at 10:30 a.m. in the Central Gallery at TMAG — see more information on p. 10.

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