



THE PACIFIC CIRCLE

ONLINE LECTURE

JANUARY 20th 2022

Nuclear Weapons and the Unsettling of Sovereignty in the Marshall Islands, 1944-1963

MX Mitchell (University of Toronto)

Abstract: Between 1946 and 1958, the Marshall Islands became a critical center of the United States' nuclear weapons program. The United States detonated its largest and most powerful nuclear bombs in Indigenous lands and waters, offshoring the mass-scale violence and risk of its nuclear weapons system. The Marshall Islands, however, were not a part of US territory. Working through the United Nations, US diplomats engineered a *sui generis* international status—strategic trusteeship—into which it placed Pacific islands seized from Japan during World War II. The Trust Territory of the Pacific Islands became a novel, anomalous legal zone of US empire uniquely tied to both nuclear weapons and international law and institutions. This paper explores how this new, yet indeterminate status redefined relationships between sovereignty, territory, and jurisdiction before the worldwide cessation of US atmospheric nuclear blasting in 1963. Drawing on archival research in activists' records, court files, United Nations records, Trust Territory records, and US government agency collections, the paper traces Islanders' legal actions across three different forums. It examines how Islanders' claims over damage to their bodies, ancestral atolls, and ways of life exposed the emerging contours of strategic trusteeship and the boundaries of their belonging in national and international legal and political systems.



Admiral Wright poses for photo on Enewetak Atoll, 1946.
US National Archives & Records Administration II, College Park, Maryland.

Mary X. Mitchell is assistant professor at the Centre for Criminology and Sociolegal Studies and the Institute for the History and Philosophy of Science and Technology at the University of Toronto. Prior to joining the University of Toronto, Mitchell was a faculty fellow at Princeton University, an assistant professor at Purdue University, and a postdoctoral fellow at Cornell University. She practiced law and clerked for Judge Anthony J. Scirica of the United States Court of Appeals for the Third Circuit before earning her PhD at the University of Pennsylvania. Mitchell's work focuses on the intersections between law, knowledge, and technology.

The lecture will be held via Zoom. Please [click here](#) to register in advance, or visit
<http://thepacificcircle.com/blog/> for further details.



PACIFIC CIRCLE NEWSLETTER, 2:2

17 January 2022

NEWS and NOTES

CONFERENCES, WORKSHOPS, and LECTURES

Doing Maritime History Research Online

1-day Workshop

Date and Time: 4 February 2022 | 9.30am - 5.00pm

Location: Online

Doing historical research is both easier and harder at the moment. New archival technology and digitisation programmes are providing better remote access to sources than ever before. The global pandemic, meanwhile, has forced many archives to restrict physical access as reading rooms become subject to social distancing measures and archivists have new obstacles to overcome. Maritime history is no exception: whether working on voluminous Admiralty files or private journals written aboard ship, there are many opportunities and challenges facing the researcher working in 2022.

What online resources are available to those interested in the sea, sailors, and ships? What are the limitations of doing maritime history research online, and how can these be overcome? What does the future hold for academic historians, family history researchers, fiction writers and others working in this field? Will looking at a screen one day replace sitting in a reading room?

Join the British Commission for Maritime History for a 1-day online workshop exploring these complex issues, featuring talks by historians, curators. Our experts will cover everything from using digitized newspapers and crew lists to finding maritime sources in the most unlikely of places.

Provisional Programme

'Troubled Waters? Reflections on Maritime History during a Global Pandemic'

Dr Richard Blakemore & Graham Moore (University of Reading)

This talk will discuss how the COVID-19 pandemic has affected maritime historians at different career stages. It will explore the challenges of beginning and continuing research projects, 'navigating' scholarly communities, resource sharing and widening participation, and teaching

and communicating history during this difficult time. All of these issues can and have changed the ways we interpret and understand the maritime past.

'Sailing Digital Seas in Paper Ships'

Jack Pink (University of Southampton)

Maritime archaeologists studying the nineteenth century have often focused on warships and oceangoing merchantmen, both of which have left many recorded sites behind for the researcher. Smaller coastal craft have often been overlooked since the archaeological record is either lacking or undocumented. Digital sources can help bridge this gap; there are fleets of paper ships awaiting our investigation, allowing us to expand on vessel narratives and produce new knowledge around seafaring and shipbuilding in this period. This talk will consider the documentary components of a ship as part of a vessel's assemblage, using new theoretical models and methodological approaches to explore our Digital Seas.

'Researching Individual Ships Online'

Dr Roy Fenton (BCMH)

Recent years have seen an upsurge in information about individual ships available online, such as data on owners, builders, dimensions, constructional details, careers and fates. These details are of interest to many people, including those who served aboard the vessels, their descendants, historians, authors, photographers, model makers and enthusiasts. This talk will cover some of the more useful and reliable websites, both free and fee-charging, for ships built in the last 150 years.

'Brunel's Network: Collaborative Engineering in the 19th Century'

Dr James Boyd (*SS Great Britain*)

Brunel's Network is a cutting-edge data visualisation that maps the working relationships and professional connections behind Isambard Kingdom Brunel and his major marine engineering projects. It is designed to show the public which (and how many) people worked with Brunel, and who were the most influential individuals within those networks of maritime innovators. This talk will demonstrate the value of such an innovative digital history project to maritime historians and other audiences.

'20,000 Search Results under the Sea: Researching the People and Places of *Cutty Sark* and the Willis Fleet Online'

Dr Hannah Stockton (Royal Museums Greenwich)

This talk will explore two ongoing museum projects covering the history of *Cutty Sark* and the John Willis & Co. shipping line, both making use of newspaper archives and family history records. It will discuss how the availability and searchability of these collections can add depth, nuance and a wealth of previously inaccessible information to the ship's histories. Whether tracking a fleet of sailing ships across the oceans or uncovering biographical details about individual sailors, the ability to cut through vast archives online has brought new understanding of ships, crews and shipping companies of the late nineteenth century.

'Travelling the Zooniverse: Medical Data from the Dreadnought Seamen's Hospital'

Martin Salmon (Royal Museums Greenwich)

This talk will discuss a current RMG/Zooniverse collaboration relating to the famous Dreadnought Seamen's Hospital, once situated in Greenwich. The project uses new technology to give vital e-volunteers working on digitized records more choice, enabling them to select tasks that suit their interest and time commitments. It is making a wealth of historic medical data available, providing us with a snapshot of the health of the British maritime world over the last 150 years.

'More than just a Register Book! Newly Accessible Sources At Lloyd's Register Foundation'

Louise Sanger (Lloyds Register Foundation)

Having recently digitised over a million records from ship plans and survey reports to casualty returns and wreck reports, the Heritage & Education Centre at Lloyd's Register Foundation has been busy making things more accessible. This talk will explore this invaluable maritime collection and associated data set, presenting a selection of interesting discoveries and giving tips on how to find the best results. It will also look ahead to new online resources and interpretative material being made available soon.

'Maritime Sources in 'Unlikely' Places'

Chris Bennett (Hertfordshire Archives & Local Studies)

Sarah Chubb (Derbyshire Record Office)

Robert Eyre (Warwickshire County Record Office)

Sally Mason (Buckinghamshire Archives)

With many reading rooms closed or harder to access, the pandemic has prompted researchers to look for new sources and reflect on where to find them. In this session, archivists from landlocked counties will demonstrate that it's always worth looking for maritime sources in 'unlikely' places. Documents to be covered include an Elizabethan naval administrator's documents, the papers of a seafaring chaplain, some of Nelson's correspondence and nineteenth-century voyage journals.

Additional session details to be added in January

Booking details

Please book via [Eventbrite](#).

Suggested donation: £10 (£8 students)

All funds raised go to [academic prizes](#) and other BCMH charitable work

Contact Info: Aaron Jaffer

Contact Email:

ajaffer@rmg.co.uk

URL:

<https://bcmh.literacy.com/lectures/workshop/>



UNIVERSITY OF HAWAII AT MĀNOA
SCHOOL OF PACIFIC AND ASIAN STUDIES & DEPARTMENT OF ASIAN STUDIES
Graduate Conference 2022

Keynote Speaker



Jennifer Robertson

*Professor Emerita, University of Michigan
Affiliate Professor, University of Washington*

Robots, Religion, and Techno-Spirituality in Japan

TECHNOLOGIES & ADAPTATIONS

CELEBRATING INNOVATIONS IN HUMAN KNOWLEDGE ACROSS ASIA

ZOOM WEBINAR | APRIL 6-7, 2022

We are proud to present the theme Technologies and Adaptations: Celebrating Innovations in Human Knowledge Across Asia for the 2022 Conference. The past few decades have seen rapid advancements in technologies throughout Asia, affecting how people across the region live, work, and understand the world around them. "Technology" not only encompasses computer advancements and applied sciences, but also to the practical application of knowledge across the spectrum of the human experience. From computer science to political science, from robotics to literature, from engineering to the performing arts, new technological innovations continue to emerge across disciplines throughout Asia, while traditional technologies continue to be adapted by its users to reflect our brave new world. The goal of this conference is to examine how people in Asia have innovated and adapted to technologies new and old, past and future, thus we welcome submissions from interdisciplinary fields that tackle novel theoretical approaches to new and old challenges alike.

Why Apply?

The SPAS Graduate Student Conference gives students an opportunity to present their research to a friendly group of peers and professors. As many students from across the U.S., Europe, and Asia attend the conference, there are ample opportunities to network with fellow academics with a passion for the study of Asia. All submissions will automatically be considered for one of several "Best Paper" prizes.

Who Can Apply?

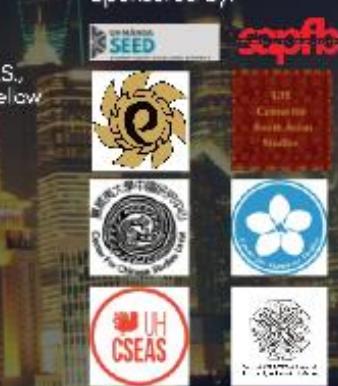
Graduate students in any academic discipline with a focus on Asia.

How to Apply?

Applicants should submit a 250-300 word abstract to gradconf@hawaii.edu with "SPAS 2022 Grad Conf Abstract" as the subject by **February 5th, 2022 (HST)**. Any questions can be directed to this email.

An Equal Opportunity/Affirmative Action Institution.
For disability accommodations, contact and send advance notice to 808-956-6085.

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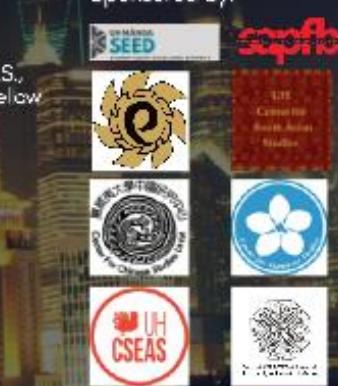
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UNIVERSITY
of HAWAII[®]
MĀNOA

Department of Asian Studies
School of Pacific and Asian Studies
College of Arts, Languages & Letters

“Technologies and Adaptations: Celebrating Innovations in Human Knowledge Across Asia”

The School of Pacific and Asian Studies (SPAS) and the Department of Asian Studies at the University of Hawai‘i at Mānoa (UHM) welcome proposals for papers, performances, and panels for the 33rd annual Asian Studies Graduate Student Conference. The conference will be held on Zoom in synchronous webinar format on **April 6-7, 2022**.

We are proud to present the theme *Technologies and Adaptations: Celebrating Innovations in Human Knowledge Across Asia* for the 2022 Conference. The past few decades have seen rapid advancements in technologies throughout Asia, affecting how people across the region live, work, and understand the world around them. “Technology” not only encompasses computer advancements and applied sciences, but also to the practical application of knowledge across the spectrum of the human experience. From computer science to political science, robotics to literature, engineering to the performing arts, new technological innovations continue to emerge across disciplines throughout Asia, while traditional technologies continue to be adapted by its users to reflect our brave new world. The goal of this conference is to examine how people in Asia have innovated and adapted to technologies new and old, past and future, thus we welcome submissions from interdisciplinary fields that tackle novel theoretical approaches to new and old challenges alike.

The 2022 SPAS Graduate Student Conference will feature Jennifer Robertson as the keynote speaker. Jennifer Robertson is Professor Emerita of Anthropology and the History of Art at the University of Michigan (UM), Ann Arbor, and is an affiliate faculty of the Robotics Institute at Michigan, and Affiliate Professor of Anthropology and Japan Studies at the University of Washington, Seattle.

Why Apply?

The SPAS Graduate Student Conference gives students an opportunity to present their research to a friendly group of peers and professors. As many students from across the U.S., Europe, and Asia attend the conference, there are ample opportunities to network with fellow academics with a passion for the study of Asia. Additionally, there will be several “**Best Paper**” prizes funded by the [area centers at UHM](#) (monetary amounts to be confirmed at a later date) :

- Best Korea paper
- Edward Seidensticker Best Japan paper
- Best China paper
- Best Southeast Asia paper
- Best South Asia paper
- Best Philippines paper

Who Can Apply?

Graduate students in any academic discipline with a focus on Asia.

How to Apply?

Applicants should submit a 250-300 word abstract to gradconf@hawaii.edu with “SPAS 2022 Grad Conf Abstract” as the subject by **February 5th, 2022**. Any questions can be directed to this email.

Please direct any questions to conference organizers Caitlin Hayes and Tasha Hayashi at gradconf@hawaii.edu. You can also follow the department’s social media accounts listed below for updates, or [visit our website](#).

Co-sponsored by the School of Pacific and Asian Studies (SPAS) and Department of Asian Studies at the University of Hawai‘i at Mānoa with funding by SEED Inclusion, Diversity, Equity, Access and Success (IDEAS) and the Student Activity and Program Fee Board (SAPFB).



@UHMASianStudies @asianstudiesUHmanoa UH Manoa Asian Studies [Website](#)

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1890 East West Road, Moore Hall, Room 416
Honolulu, Hawai‘i 96822
Telephone: (808) 956-6085
Fax: (808) 956-2682
Email: asianst@hawaii.edu

XLI Scientific Instrument Symposium, 19 – 23 September 2022

National Hellenic Research Foundation, Athens

The Past, Present, and Future of Scientific Instrument Studies

CALL FOR PAPERS at

<http://sic2022.hpdst.gr/>

We will take the 40th anniversary of the Scientific Instrument Symposia as an occasion to discuss how the study of scientific instruments has changed in the last four decades and where we stand today. Are we now studying different kinds of instruments? Has the very definition of what is a scientific instrument changed? Are we studying the same instruments in a different way and within different contexts? How have the questions we seek to answer and our methodologies changed? What about our disciplinary and regional boundaries?

While it comes natural for a historian to historicise their own past, we should think in the same way about the future of scientific instrument studies. What are our new objects and objectives? While we are comfortable as a community of scientific instrument enthusiasts, we want to remain open to new scholars, new methods, and new approaches to instruments, and aim to extend our geographical reach.

The theme “The Past, Present, and Future of Scientific Instrument Studies” was chosen for the 41st Scientific Instrument Symposium long before the recent and sudden demise of Paolo Brenni, former President of the Scientific Instrument Commission, but we believe that this theme is a fitting tribute to honour Paolo’s achievements. His dedication, enthusiasm and generosity with his knowledge embodied the heart and soul of scientific instrument studies like nobody else!

For the upcoming 41st SIC Symposium in Athens, we invite you to reflect on these and other issues related to the past, present and future of scientific instrument studies. As always, we welcome all proposals for sessions, papers or posters on any topic dealing with the history of scientific instruments.

Format

The symposium will take place as an in-person event by default if permitted and healthwise safe; the conference language is English.

Important dates

Deadline for the **submission of abstracts**: **28 February 2022**

Presenters and session organisers will be informed by **31 March 2022** whether their proposal has been accepted.

Early registration: May 31, **late registration:** July 31.

How to submit your abstract or session proposal

The abstract form is available at <http://sic2022.hpdst.gr/abstract>

Please submit abstract proposals (max 250 words), with a short biographical note highlighting main research interests (max. 50 words).

The session form is available at <http://sic2022.hpdst.gr/session>

Please submit session proposals (max 250 words) with organizer names and contact name.

Registration

In order to register, you must fill-in the [registration form](#).

Conference information

Accommodation details and a [preliminary program](#) will be provided by the end of January.

Travel grants

We have a limited number of fixed amount travel grants available for postgraduate students and early career scholars (within 5 years of completion of studies). Please indicate within your [registration submission](#) if you would like to be considered for a grant.

Questions? In case of questions about the conference, please email to sicathens2022@gmail.com or [use the contact form](#).

We look forward to [receiving your abstracts](#) in due course.

Online Workshop: “Transnational 19th-Century Japanese and British Science,”

July 22-23, 2022, Centre for Nineteenth Century Studies International

at Durham University

We seek proposals for scholarly presentations in the form of ten-minute ‘lightning talks,’ that explore the complex cultural connections between Japanese and British science in the nineteenth century. This was a period when intellectuals around the globe began to interact more intensively due to increased opportunities to travel and due to the growth in translations of important scientific works into many languages. Japanese intellectuals were searching for ways to modernize their culture, while in Britain there was a renewed interest in Japanese culture as traditional forms of thought were being interrogated.

Proposals should include a 200-word abstract and a one-paragraph biography. We will select up to ten papers on this topic for the workshop. All presentations will be recorded and shared at the workshop. The due date for proposals is **15 March 2022**.

Please send your proposals as PDF attachments to Dr. Sera-Shriar at: **efram.sera-shriar@durham.ac.uk**.

Full project details can be found at the following website: <https://www.durham.ac.uk/research/institutes-and-centres/nineteenth-century-studies/about/events/-transnational-studies-of-19th-century-japanese-and-british-science/>

Pacific History Association Conference, Deakin University—Geelong Campus, Victoria, Australia, November 1-4, 2023

For information, please visit www.pacifichistoryassociation.com

Annual Conference of the New Zealand Studies Association (NZSA), Marseilles, France, July 5-8, 2022

Please send proposals for 20-minute papers by February 15, 2022, to Ian Conrich at ian@ianconrich.co.uk or Marc Tabani at marc.tabani@pacific-credo.fr. Abstracts should be between 200 and 250 words with a bio added of 100-150 words. Proposals will be accepted within three main strands: Oceania, New Zealand, and Oceania/NZ in relation to any aspect of the Pacific Rim.

Annual Meeting of the North American Conference on British Studies, Chicago, Illinois, November 10-13, 2022

The NACBS and the Midwest Conference on British Studies (MWCBS) seek participation by scholars in all areas of British Studies for the 2022 meeting. We meet in Chicago, Illinois, from November 10-13, 2022. We solicit proposals for presentations on Britain, the British Empire-Commonwealth, and the British world, including Ireland, the Americas, Asia, Africa, and the Pacific (etc.). Our interests range from the medieval to the modern. We welcome participation by scholars from across the humanities and social sciences, from all parts of the globe, and from all career stages and backgrounds. We reaffirm our commitment to British Studies broadly conceived and welcome proposals reflecting the diversity of scholars & scholarship in the field. We invite panel proposals that address selected themes, methodology, and pedagogy, as well as roundtable discussions and lightning rounds (8-10 presenters with one chair, a few minutes to each presenter) of topical and thematic interest, including conversations among authors of recent books, reflections on landmark scholarship, and discussions about professional practice.

We are particularly interested in submissions that have a broad chronological range and/or interdisciplinary breadth, and that are tightly connected by a theme.

Standard panels typically include three presenters speaking for 20 minutes each, a commentator, and a chair, while roundtables typically include four presenters speaking for 15 minutes each and a chair. We are open to other formats, though; please feel free to consult with the program committee chair.

To secure as broad a range of participation, we will also consider individual paper proposals. Panels that include a diverse mix of presenters across fields and career stages are particularly welcome. To foster intellectual interchange, we ask applicants to compose panels that feature participation from multiple institutions. In an effort to allow a broader range of participants, no participant will be permitted to take part in more than one session in a substantial role. (That is, someone presenting or commenting on one panel cannot also present or comment on another, though individuals presenting or commenting on one panel may serve as chairs for other panels, if need be.) Submissions are welcome from participants in last year's conference, though if the number of strong submissions exceeds the number of available spaces, selection decisions may take into account recent participation.

As complete panels are more likely to be accepted, we recommend that interested participants issue calls on H-Albion or social media (e.g., @TheNACBS on Twitter or on the NACBS Facebook page) to arrange a panel. If a full panel cannot be arranged by the deadline, however, please do submit the individual proposal and the program committee will try to build submissions into full panels as appropriate.

In addition to the panels, we will be sponsoring **a poster session**. The posters will be exhibited throughout the conference, and there will be a scheduled time when presenters will be with their posters to allow for further discussion.

The submission website at <http://www.nacbs.org/conference> will open in late January; submissions will close as of 15 March 2022.

All submissions are electronic, and need to be completed in one sitting. Before you start your submission, you should have the following information:

1. Names, affiliations, and email addresses for all panel participants. PLEASE NOTE: We create the program from the submission, so be sure that names, institutional titles, and paper titles are provided as they should appear on the program.
2. A note whether data projection is necessary, desired, or unnecessary. Please only request if AV is central to convey your presentation. (Because AV is now enormously expensive, it will be provided in only some of the meeting rooms.)
3. A brief summary CV for each participant, indicating education, current affiliations, and major publications (two-page maximum per CV).

4. Title and Abstract for each paper or presentation. Roundtables do not need titles for each presentation, but if you have them, that is fine. If there is no title, there should still be an abstract – i.e. “X will speak about this subject through the lens of this period/approach/region etc.”
5. **POSTERS:** Those proposing posters should enter organizer information and first presenter information only.

All communication will be through the panel organizer, who will be responsible for ensuring that members of the panel receive the information they need.

All program presenters must be current members of the NACBS by November 10, one month before the conference, or risk being removed from the program.

Some **financial assistance** will become available for graduate students (up to \$500) and for a limited number of under/unemployed members within ten years of their terminal degree (\$300). Details of these travel grants and how to apply will be posted to www.nacbs.org and emailed to members after the program for the 2022 meeting is prepared.

**Laureate Seminar:
Population Modern History, University of New South Wales**

Hosted by the Laureate Centre for History and Population at the University of New South Wales, Sydney, this seminar covers new and forthcoming research on the history and legacies of global population policy.

A full copy of the schedule is available at:

<https://historyandpopulation.com/seminar/>

Registration for a Zoom link is available at:

<https://forms.gle/m62AxbzrZHSQuS2L6>

ESfO Conference, June 2-5, 2022, Ajaccio, Corsica

The conference website is now online at the following address:

<https://www.pacific-studies.net/conferences/esfo2022>

U. H. Manoa School of Pacific and Asian Studies Graduate Student Conference

The University of Hawai'i at Manoa will be hosting online its annual School of Pacific and Asian Studies Graduate Student conference from April 6-7, 2022.

This year's conference theme is: "Technologies and Adaptations: Celebrating Innovations in Human Knowledge Across Asia." Our theme welcomes submissions from any discipline that tackles innovation and adaptation to technologies new and old in Asia.

Submit an abstract of 250-300 words by February 5, 2022, to gradconf@hawaii.edu

Keynote Address: Dr. Jennifer Robertson, Prof. Emerita, University of Michigan

2022 International Committee for the History of Technology Symposium

The 49th Symposium will take place virtually in 3 phases, each lasting two days. The 1st meeting will be in June (17, 18), the 2nd in September (24, 25), and the 3rd in October (15, 16). The Kranzberg Lecture will take place in June.

The general theme is "Technology-based and Technology-generated decisions." Whereas technology-based decisions have a long history, technology-generated decisions of so-called artificial intelligence, AI, are on the horizon since the turn to 21st century and might gain decisive influence within the next years. Which decisions we are willing to handle over to technology? How to define ethical guidelines for this development? The symposium aims to contribute to this discussion, based on a transnational perspective of history of technology.

The deadline for proposal is Sunday, 30 January 2022

Suggestions for more specific questions, derived from the main question:

- What are the social/historical/cultural conditions of technology related decision-making?
- Decisions on science and technology: inclusion and citizen participation
- What are the ethical conditions of technology-generated decisions?
- Which transnational perspectives can be taken regarding technology-inherent decisions?
- How do these technology-inherent decisions affect the critique of technology (e.g., impact factor in science, "publish or perish")?
- Technocracy is a well-researched topic. What is state of the art in this field? Any new approaches, theories, empirical findings?
- Data recording and processing is a core task now carried out with computers. Which technologies were used – and where and how – before the advent of computing?
- Modern challenges and technology based/generated decisions (e.g., climate change, COVID-19 pandemic, individual health, and public health); artistic strategies involving

technology/generated decisions; body, dis/ability and technology based/generated decisions

- The role of images (maps, photographs, etc.) in decision making.

The symposium covers all periods and all areas of the globe. In keeping with a cherished tradition of the field, the meeting is open to scholars from all disciplines and backgrounds. Gender-related and worldwide topics are specifically welcome. Besides contributions to the main theme of the symposium, paper, and session proposals on different topics of the history of technology are welcome.

Proposal Guidelines:

ICOHTEC welcomes proposals for individual papers and posters, but preference will be given to organized sessions of three or more papers. The Programme Committee will also consider submissions not directly related to the symposium theme providing that they relate to the history of technology broadly defined. All proposals must be in English and should be submitted electronically by 30 January 2022 via our website <http://www.icohtec.org/w-annual-meeting/> (will be available, soon). For suggestions about preparing your submission and the conference presentation, please consult the guidelines on www.icohtec.org/proposal-guidelines.html. In addition to the scientific programme, the symposium will include plenary sessions, special sessions for the prize winning book and article, the general assembly of ICOHTEC. If you have any questions related to the scientific programme, paper, poster or session proposals, please, do not hesitate to contact Jacopo Pessina, the chair of the programme committee, at j.pessina87@gmail.com

We encourage graduate students to submit proposals and to participate in the symposium.

Members of ICOHTEC and low-income people pay a reduced fee.

INDIVIDUAL PAPER proposals must include: (1) a 300-word (maximum) abstract; and (2) a one-page (maximum) CV. Abstracts should include the author's name and email address, a short descriptive title, three to five key words, a concise statement of the thesis, a brief discussion of the sources, and a summary of the major conclusions. If you are submitting a paper proposal dealing with a particular subtheme in this CfP, please indicate this in your proposal. In preparing your paper, remember that presentations are not full-length articles. You will have no more than 20 minutes to speak, which is roughly equivalent to 8 double-spaced typed pages. For more suggestions about preparing your conference presentation, please consult the guidelines at the conference website. Contributors are encouraged to submit full-length versions of their papers after the conference for consideration by ICOHTEC's peer-reviewed journal ICON.

PANEL proposals must include (1) an abstract of the panel (300 words maximum), listing the proposed papers and a session chairperson; (2) abstracts for each paper (300 words maximum); (3) a one-page CV (maximum) for each contributor and chairperson. Panels should consist of three or four speakers. Several panels may be organized on one topic.

We encourage the creation of panels which examine technology-based and technology-generated decisions in different parts of the world, enabling international comparisons, and contributing to an emerging transnational historiography. We welcome especially contributions from beyond Europe and the United States, which so far have been less fully covered by historians of technology.

The programme committee reserves the right to relocate papers to different themes and add papers to panels.

POSTER proposals include a 300-word (maximum) abstract and a one-page CV. Abstracts should include the author's name and email address, a short descriptive title, a concise statement of the thesis, a brief discussion of the sources, and a summary of the major conclusions.

**Sixth International Undergraduate Research Conference
on Science, Technology, Medicine, and Society
To be held online by the University of Toronto
March 24-25, 2022**

Conference Theme: The Interaction of Science, Technology, & Medicine and Politics

Keynote Speaker: Maya J. Goldenberg, Associate Professor, Philosophy, College of Arts, University of Guelph. Author of *Vaccine Hesitancy: Public Trust, Expertise, and the War on Science* (University of Pittsburgh Press, 2021)

It has long been thought that the relation between science and politics is an uneasy one: politics covets power, while science seeks apolitical truth. Scholars from the history, philosophy, and social studies of science have investigated the interactions between science and politics to unearth a complex web where science and politics co-evolve and are co-produced. What interactions lead science to shape political policies, and political environments to influence science? What lies at the intersection of science and politics?

The Sixth International Undergraduate Research Conference on Science, Technology, Medicine, and Society at the University of Toronto invites student submissions that examine the interaction between politics and science, including science policy, science funding, politicization of science and scientification of politics, political influences on science, as well as other topics regarding the mutual influence between science and politics. We also invite submissions on other issues related to STMS in historical and present societies throughout the world. As an interdisciplinary gathering, we encourage students to submit papers from across the arts, humanities, social sciences, and natural sciences—check out our Facebook page for past presentations.

We are specifically interested in current issues surrounding: COVID pandemic, climate change, data privacy, AI and warfare, vaccine hesitancy.

Please share this CFP with any undergraduate students who may be interested! Interested students should submit an abstract (250 words) and a brief bio (50 words) by January 31, 2022 using the following link: easychair.org/submission. (Note that students will need to create an easychair account to submit an abstract, but registration is simple).

If you have any questions, please contact:
Hannah Rajput at hannah.rajput@mail.utoronto.ca

All applicants will be notified by February 7, 2022.

Sponsored by: IHPST, ASSU, HPSUS, Victoria College.

EMPLOYMENT and DEGREE PROGRAMS

AHRC-funded PhD Studentship -- The University of Exeter, Bath Spa University and PK Porthcurno Museum of Global Communication:

“Sustaining the Nervous System of the World: An Environmental History of Submarine Cable Telegraphy circa 1880-1940”

The project is a systematic study of the environmental strategies, broadly conceived, of the world's leading submarine telegraph cable manufacturers between 1880 and 1940, the period when the business peaked. Cable making was dominated by a handful of British-based private firms, notably the Telegraphic Construction and Maintenance Company, W. T. Henley's Telegraphic Works, and the India Rubber, Gutta Percha and Telegraphic Works Company, whose long-term success depended on tackling critical environmental issues affecting the supply of the materials used in cables.

Using the underexplored archives of cable makers at PK Porthcurno and elsewhere, the project will significantly enrich historical understanding of the way the telecommunications industry has coped with its environmental impacts and this will underpin new critical perspectives on modern problems of reducing cable waste in our oceans. This project represents an exciting alignment of the research objectives of the HEI supervisors (Prof Richard Noakes at Exeter, Dr Cassie Newland at Bath Spa) and PK Porthcurno. The project will help PK Porthcurno better understand and exhibit materials in its collections relating to cable making, including archival documents and objects from Telcon, Henley's and similar British firms. It will also help PK Porthcurno develop public understanding of the environmental impacts of telecommunications, past and present.

The project is part of the South, West and Wales Doctoral Training Partnership (SWW DTP2)

For further details and to apply please click on the following link:

<https://www.findaphd.com/phds/project/sustaining-the-nervous-system-of-the-world-an-environmental-history-of-submarine-cable-telegraphy-circa-1880-1940/?p139120>.

The deadline for applications is 24 January 2022

FELLOWSHIPS, GRANTS, and PRIZES

CAIRD Research Fellowships for 2022-2023

Royal Museums Greenwich (National Maritime Museum) has a well-established fellowship programme supporting high-quality research that provides new perspectives on our collections and supports our public programmes, events, and displays. We welcome applications that engage with the guiding concepts flowing from the Museum's social purpose, such as identity, diversity, community, creativity, and human impacts on the planet and our natural world.

Please visit <https://www.rmg.co.uk/collections/research/fellowships>

Questions? sarcher@rmg.co.uk

Please note: Deadline extended to 12.00 Midday on 17 January 2022

BSHS Outreach and Engagement Project Grants

The British Society for the History of Science's Outreach and Engagement Committee offers grants of up to £500 to support engagement and outreach projects in the history of science, technology, and medicine. Project grants are awarded three times per year, and the deadline for the next round is Friday 18 February 2022.

Project grants are intended to support initiatives that encourage engagement with the history of science, technology, and medicine by non-academic audiences. For example, eligible projects might include supporting the costs of holding a public event, the creation of a small public display, or the translation of research into educational resources. We particularly encourage projects that use innovative formats and reach audiences that might be new to the history of science, technology, and medicine.

Further information, and a downloadable application form, can be found at: <https://www.bshs.org.uk/grants/outreach-and-engagement-project-grants>

BSHS Singer Prize

The British Society for the History of Science is delighted to invite submissions for the BSHS Singer Prize 2022.

The BSHS Singer Prize is awarded every two years to the writer of an essay outstanding in research, novelty and expression, based on original research into any aspect of the history of science, technology or medicine. The prize is intended for recent entrants into the profession. Candidates must be registered for a postgraduate degree or have been awarded such in the five years prior to the closing date. All nationalities are welcome.

Essays must not exceed 8,000 words and should be submitted in English. They should adhere to [BJHS guidance to authors](#) in all respects. The prize may be awarded to the writer of one outstanding essay or may be awarded to two or more entrants. Publication in the *British Journal for the History of Science* will be at the discretion of the Editor. Essays under consideration or in press, either at *BJHS* or elsewhere, are not eligible.

The deadline for submissions is 29 April 2022. Submissions should be emailed to the BSHS Executive Secretary, Lucy Santos (office@bshs.org.uk) with 'Singer entry' and the author surname in the subject line.

Postdoctoral Fellowship for Studying Indo-Persian Astronomical Texts

The project *Changing Episteme in Early Modern Sanskrit Astronomy* (CEEMSA, funded by the [Gerda Henkel Stiftung](#), Grant Number: AZ 21/F/21, hosted by ToRS, University of Copenhagen, Denmark) is offering a **one year postdoctoral fellowship** (to begin no later than 1 September 2022) **to study Indo-Persian astronomical texts from early modern Mughal India**.

The position is **remotely based**, i.e., the postdoctoral fellow need not relocate to Denmark and may continue to work from their country of residence; however, the **appointment requires a commitment from the fellow to be available to meet regularly (via zoom) for up to several hours a week**. The details of the fellowship (including the project description, desired qualifications, fellowship amount, and application procedure) can be found at <https://ceemsa.hypotheses.org/postdoctoral-call>.

Please contact Dr Anuj Misra (anuj.misra@hum.ku.dk) for any further information about the project or the appointment process.

Turriano ICOHTEC Prize 2022

The Turriano ICOHTEC Prize is an Early Career Prize for Books on the history of technology, sponsored by the Juanelo Turriano Foundation and consists of 2,500 Euro. The prize-winning book will be presented and discussed at a special session of the next ICOHTEC symposium, that will take place as part of the 27th International Congress for the History of Science and Technology.

ICOHTEC, the International Committee for the History of Technology, is interested in the history of technology, focusing on technological development as well as its relationship to science, society, economy, culture, and the environment. The history of technology covers all periods of human history and all populated areas. There is no limitation as to theoretical or methodological approaches.

Eligible for the prize are original book-length works in any of the official ICOHTEC languages (English, French, German, Russian or Spanish) in the history of technology: published or unpublished Ph.D. dissertations or other monographs written by scholars in the early stages of their career. Articles and edited anthologies are not eligible.

If the work is a Ph.D. thesis, it should have been accepted by your university in 2020 or 2021; if it is a published work, the year of publication should be 2020 or 2021.

For the ICOHTEC Prize 2022, please send an electronic copy (PDF or Word) of the work you wish to be considered for the prize to each of the four Prize Committee members. (Note: Hard copies are only accepted for published works not available electronically.) Your submission must be emailed no later than 28 February 2022. Please also include an abstract of no more than a half-page in length. If your book is in Spanish or Russian, please also supply a summary in English, French or German of about 4,500 words. In that case, the prize committee will find additional members, who are familiar with the language in which your book is written.

The submission should be accompanied by a CV (indicating also the date of birth) and, if applicable, a list of publications. Applicants are free to add references or reviews of the work submitted. Any materials sent to the prize committee will not be returned. Send a complete application by email to each of the following Prize Committee members:

Dr. Darina Martykánová (Chairperson)
Universidad Autónoma de Madrid
Departamento de Historia Contemporánea
Facultad de Filosofía y Letras
Campus de Cantoblanco
28049 – Madrid, Spain
darina.martykanova@uam.es

Dr. Irina Gouzévitch
Centre Maurice Halbwachs
École Normale Supérieure
48, boulevard Jourdan
75014 Paris
France
irina.gouzevitch@ens.fr

Dr. Klaus Staubermann
ICOM Germany
In der Halde 1
14159 Berlin
Germany
k.b.staubermann@gmail.com

Dr. Tiina Männistö-Funk
School of History, Culture and Arts Studies
University of Turku
Turku
Finland
tiiman@utu.fi

Dr. Jacopo Pessina
Department of Civilisations and Forms of Knowledge
Via Pasquale Paoli, 15
56126 Pisa
Italy
japessina@tiscali.it

History of the Human Sciences Early Career Prize 2021-22

History of the Human Sciences – the international journal of peer-reviewed research, which provides the leading forum for work in the social sciences, humanities, human psychology, and biology that reflexively examines its own historical origins and interdisciplinary influences – is delighted to announce details of its prize for early career scholars. The intention of the annual award is to recognize a researcher whose work best represents the *journal's aim* to critically examine traditional assumptions and preoccupations about human beings, their societies and their histories in light of developments that cut across disciplinary boundaries. In the pursuit of these goals, *History of the Human Sciences* publishes traditional humanistic studies as well work in the social sciences, including the fields of sociology, psychology, political science, the history and philosophy of science, anthropology, classical studies, and literary theory. Scholars working in any of these fields are encouraged to apply.

Guidelines for the Award

Scholars who wish to be considered for the award are asked to submit an up-to-date two-page CV (including a statement that confirms eligibility for the award) and an essay that is a maximum of 12,000 words long (including notes and references). The essay should be unpublished and not under consideration elsewhere, based on original research, written in English, and follow *History of the Human Sciences*'s [style guide](#). Scholars are advised to read the journal's description of its [aims and scope](#), as well as its [submission guidelines](#). Entries will be judged by a panel drawn from the journal's editorial team and board. They will identify the essay that best fits the journal's aims and scope.

Eligibility

Scholars of any nationality who have either not yet been awarded a PhD or are no more than five years from its award are welcome to apply. The judging panel will use the definition of “active years,” with time away from academia for parental leave, health problems, or other relevant reasons being disregarded in the calculation.

Prize

The winning scholar will be awarded £250 and have their essay published in *History of the Human Sciences* (subject to the essay passing through the journal's peer review process). The intention is to award the prize to a single entrant but the judging panel may choose to recognize more than one essay in the event of a particularly strong field.

Deadlines

Entries should be made by Friday 31st January 2022. The panel aims to make a decision by Friday 29th April 2022. The winning entry will be submitted for peer review automatically. The article, clearly identified as the winner of the *History of the Human Sciences* Early Career Prize, will then be published in the journal as soon as the production schedule allows. The winning scholar and article will also be promoted by *History of the Human Sciences*, including on its [website](#), which hosts content separate to the journal.

To Apply

Entrants should e-mail an anonymized copy of their essay, along with an up-to-date CV, to hhs@histhum.com

Further Enquiries

Questions about the prize, or anything relating to the journal? Please email hhs@histhum.com

“Sensitive Provenances:” Junior Scholars Short Time Fellowships

The Volkswagen Foundation-funded research project “[Sensitive Provenances](#)” investigates the provenance of human remains from (proto-)colonial contexts in two collections at the University of Göttingen. This project aims to investigate the origin of human remains, the circumstances of acquisition, their transfer to academic collections, their use for research and teaching as well as their contemporary socio-political meanings. Alongside research, the project is establishing contacts with representatives of regions from which these human remains originate, discussing their future handling and initiating restitution processes. The project focuses on human remains from Oceania and Africa. The Sensitive Provenances project is interdisciplinary and combines different methodological approaches from historical-critical provenance research, cultural anthropology and biological anthropology and welcomes inquiries and applications from potential fellows in these and related fields.

The focus of the project is a) on the “Blumenbach Skull Collection,” which was initiated by the natural scientist Johann Friedrich Blumenbach (1752-1840) and today comprises about 800 skulls, of which about 200 are of non-European provenance; and b) on the “Anthropological Collection,” originally created in Hamburg’s Museum für Völkerkunde. This collection contains about 1,200 human remains from Oceania and Africa.

Our preliminary research suggests that currently the University of Göttingen holds remains from regions that correspond to contemporary: **Australia, French Polynesia, Hawaii (USA), Indonesia, Kiribati, Malaysia, Marshall Islands (USA), Micronesia, Nauru, New Caledonia, New Zealand, Palau, Papua New Guinea, Samoa, Solomon Islands, and Vanuatu, in Oceania;** and from Cameroon, Congo, Guinea, Kenya, Namibia, South Africa, and Tanzania, in Africa.

We are seeking to award six short-term fellowships, each lasting from two to three months, for junior researchers from Africa and Oceania who would wish to engage with our project. We are open to all kinds of small projects that propose new perspectives, expand or challenge what we do. The topic, questions, research methods and interests of the fellows are deliberately kept open in order to facilitate broad perspectives on collections of human remains, their colonial histories and contemporary meanings and treatment.

Queries from the fields of History & Archives, Museum Studies, Social & Cultural Anthropology, Biological Anthropology, Indigenous Studies, and related areas are welcomed. We also invite proposals for artistic research and interventions that critically engage with the main themes of the project.

The scholarship holders will receive a monthly stipend of 2.100 €. Pending on individual circumstances, a replacement allowance and a family and childcare allowance can also be made available. The travel costs to and from Göttingen will be covered. During the research stay in Göttingen, the scholarship holders will receive support in different organizational and content-related matters.

Pending on the pandemic situation and travel restrictions, each visiting fellow will be invited for a three-months stay in Göttingen, in the second half of 2022 (specific dates are negotiable).

The visiting fellow, depending on the needs and specificities of their proposed project, will be connected to researchers and experts in the following fields: history, cultural anthropology/ethnology, biological anthropology, provenance research, curatorial practice, museum practice and exhibition organization; or more specifically with the [Seminar for Medieval and Modern History](#), [Institute of Cultural Anthropology/European Ethnology](#), [Historical Anthropology and Human Ecology](#), [Centre of Anatomy](#), [Centre for Collections Development](#), or the newly established [Forum Wissen](#).

Applications will be considered on a rolling basis until March 2022. In order to apply, please send the following documents to Dr. Christian Vogel (vogel@kustodie.uni-goettingen.de):

- Cover letter (specifying the motivations and interests of the candidate)
- A description of the proposed project/activities for the period of the scholarship (max 1000 words) - CV

For further queries please contact Dr. Christian Vogel (vogel@kustodie.uni-goettingen.de).

Society for the History of Natural History (SHNH) President's Award 2022

The SHNH President's Award recognizes an individual or team's contribution and impact in promoting and improving accessibility, inclusivity, and diversity to the study of the history of natural history.

Selection criteria include:

- An exhibition that has broken new ground or attracted new audiences. This includes digital exhibitions.
- Implementing initiatives to promote a more inclusive and diverse research and study community.
- Championing diversity through leadership and new policies and/or through research.
- Extent of engagement with the intended audience.
- Originality and innovation.
- Impact (may be relevant to any audiences, including different age groups, career stages and sectors).

SHNH members and non-members can be nominated for this prize, it is open to nominees based in the UK and internationally; individuals and teams can be nominated. There are no age restrictions associated with this prize. The Winner will receive the President's Medal, together with £100, to be presented at the Society's Annual General Meeting in June 2022.

Nominations are now open and must be sent to the Secretary (secretary@shnh.org.uk) by Monday 31st January 2022.

Further details about the President's Award and information about the 2021 winners: <https://shnh.org.uk/awards-honours-medals/shnh-presidents-award/>

Information about SHNH Awards: <https://shnh.org.uk/awards-honours-medals/>

Publications and Journal Information

Books

Science and Religion in India: Beyond Disenchantment, by **Renny Thomas**, Routledge, 2022.

Healing at the Periphery: Ethnographies of Tibetan Medicine in India, **Laurent Pordie** and **Stephan Kloos**, eds. Duke University Press, 2022.

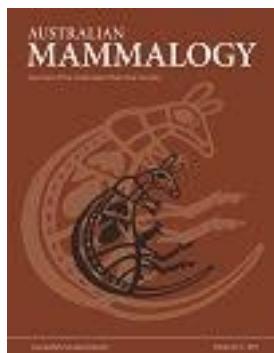
Continent in Dust: Experiments in a Chinese Weather System, by **Jerry C. Zee**, University of California Press, 2022

Articles and Essays

"An Improved Typical Meteorological Year for Solar Energy Simulations in Rarotonga, Cook Islands," by **Timothy Anderson**, *Journal of the Royal Society of New Zealand*, 1-8
DOI: 10.1080/03036758.2021.2013262

"Optimal Foraging Theory Explains Feeding Preferences in the Western Pacific Crown-of-Thorns Sea Star *Acanthaster* sp." by **John K. Keesing**, *The Biological Bulletin* 241:3 (2022)

"Knowledge Gaps in the Biology, Ecology, and Management of the Pacific Crown-of-Thorns Sea Star *Acanthaster* sp. On Australia's Great Barrier Reef," by **Morgan S. Pratchett**, **Ciemon F. Caballes**, et al. *The Biological Bulletin* 241:3 (2022)



Welcome to the latest contents alert for **Australian Mammalogy**.

This issue's Editor-choice paper by Cairns *et al.* is entitled 'The myth of wild dogs in Australia: are there any out there?' and is published Open Access.

To view articles that have been published **Online Early** before they have been collated into an issue, visit the [Journal's website](#). Alternatively, subscribe to its [RSS feed](#) to be alerted when new articles are published.

Contents

[The H. H. Finlayson mammal collection](#)

Paul Horner and Ken Johnson



The published works of H.H. Finlayson provide a benchmark in the study of Australian mammals during the first half of the 1900s. His publications are well known but his private collection of almost 3000 prepared study specimens is known more from inference than published fact. We provide a brief background of Finlayson and report a compilation of his surviving specimens. A transcription of his original register of specimens is also provided. Photograph by Ken Johnson.

[Abstract](#) | [Full Text](#) | [PDF \(205 KB\)](#)

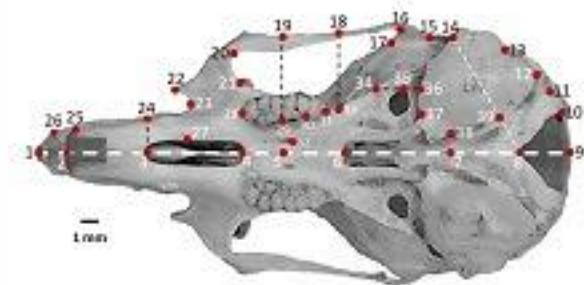
[Temporal effect of feeding on the body temperature and behaviour of captive koalas \(*Phascolarctos cinereus*\)](#)

D. Adam, S. D. Johnston, L. Beard, V. Nicolson, A. T. Lisle, J. B. Gaughan, R. Larkin, P. Theilemann and W. Ellis
Koalas are particularly susceptible to climate change as they do not seek shelter in hollows or nests, and, as such, they lack ready means to escape extreme weather. Koalas in captivity are fed during the day so that visitors can observe them doing something other than sleeping. However, feeding koalas during the day could cause their body temperature to rise up to 1°C higher than if they were fed early evening; an implication which should be considered particularly during periods of high environmental temperatures.

[Abstract](#) | [Full Text](#) | [PDF \(349 KB\)](#)

Geometric differences between the crania of Australian hopping mice (*Notomys*, Murinae, Rodentia)

Bader H. Alhajeri



Half of the ten Australian hopping mice (*Notomys*) species have become extinct recently, and most of the rest are threatened, making the study of their present diversity paramount. Using geometric morphometric methods, I find significant differences in cranial size and shape among *Notomys* species. The species pair that differed the most (*N. aquilo* – *N. cervinus*), potentially caused by the *N. cervinus* being evolutionarily distant from other *Notomys* and *N. aquilo* having a more distinct ecology than the other sampled species.

[Abstract](#) | [Full Text](#) | [PDF \(1.5 MB\)](#)

Diet, feeding behaviour and echidna beaks: a review of functional relationships within the tachyglossids

Stewart C. Nicol



Echidnas occur all over Australia, but echidnas from different regions vary greatly in the length of the spines and hair. This paper shows there are also big differences in beak length. Tasmanian echidnas have the longest beaks, whereas arid zone echidnas have very short beaks. Beak length is related to diet and feeding behaviour: longer beaks are better suited to probing for scarab larvae, while short beaks are better for ploughing through the soil for ants and termites. Diet, beak length and claw lengths divide Australian echidnas into two groups.

[Abstract](#) | [Full Text](#) | [PDF \(825 KB\)](#)

[Environmental factors influencing the distribution of the Kangaroo Island dunnart \(*Sminthopsis fuliginosus aitkeni*\)](#)

Rosemary Hohnen, Brett P. Murphy, Sarah M. Legge, Chris R. Dickman, Pat Hodgens, Heidi Groffen, Robyn Molsher, Jody P. Gates and John C. Z. Woinarski

We built a species distribution model for the cryptic and endangered Kangaroo Island dunnart (*Sminthopsis fuliginosus aitkeni*). The modelling suggested that rainfall and to a lesser extent post-fire vegetation age are good predictors of dunnart occurrence, with potentially suitable habitat located on the central west of the island. These results suggest that careful fire management could benefit the dunnart, and that decreased rainfall (as projected by Australian climate models), will be a threat in the long term.

[Abstract](#) | [Full Text](#) | [PDF \(687 KB\)](#)

[Effectiveness of thermal cameras compared to spotlights for counts of arid zone mammals across a range of ambient temperatures](#)

Hugh McGregor, Katherine Moseby, Christopher N. Johnson and Sarah Legge

We aimed to measure how thermal cameras might enhance spotlight surveys, and determine at what ambient temperatures and for what mammal species they provide the most benefit at a fenced reserve in arid Australia. During 20 transects with both a spotlight and thermal camera user, the latter resulted in more detections of small rodents and medium sized mammals, but only when under approximately 25°C. Spotlighting may be more versatile, but thermal cameras appear more accurate.

[Abstract](#) | [Full Text](#) | [PDF \(1.4 MB\)](#)

The myth of wild dogs in Australia: are there any out there?

Kylie M. Cairns, Mathew S. Crowther, Bradley Nesbitt and Mike Letnic



There is rising concern in Australia that feral dogs are an established pest and threaten native dingoes through crossbreeding. We investigate the ancestry of wild canids using microsatellite DNA markers and find that both feral dogs and dingo × dog hybrids are rare. Instead, most wild canids across Australia are dingoes, even in southeastern Australia where some dingoes carry domestic dog ancestry. We suggest that the term wild dog should be discontinued as it does not accurately reflect the identity of wild canids in Australia. Photograph by Michelle J Photography (Cooma, NSW).

[Abstract](#) | [Full Text](#) | [PDF \(549 KB\)](#) Open Access Article

Intraspecific variation in testis organisation and sperm head morphology of the delicate mouse (*Pseudomys delicatulus*): its possible causes and consequences

Eleanor Peirce, TlalliAztlan Moya-Smith, Chris Leigh and William Breed

The causes and consequences of the variability of testis organisation and sperm head morphology of

the delicate mouse (*Pseudomys delicatulus*).

[Abstract](#) | [Full Text](#) | [PDF \(165 KB\)](#)

Factors affecting the frequency and outcome of platypus entanglement by human rubbish

Melody Serena and Geoff A. Williams



Plastic, rubber and metal rubbish is hazardous to a platypus when it loops around the neck or body and then cuts through skin. The problem increases in urban settings and decreases with size and age: females are entangled more often than males, and juveniles are entangled more often than older animals. Up to 1.5% of the platypus near Melbourne and 0.5% of those in regional Victoria are at risk of rubbish-related injuries or death at any point in time. Photograph by Australian Platypus Conservancy.

[Abstract](#) | [Full Text](#) | [PDF \(819 KB\)](#)

Habitat use over winter by short-beaked echidnas (*Tachyglossus aculeatus*) at an intermittently flowing creek in arid north-western New South Wales

Jasmin C. Lawes and David B. Croft

Riparian zones are the resource-rich areas surrounding creeks, rivers, and other waterways, which are particularly important in arid environments where resources are low. Echidnas are found throughout Australia, including resource-poor, arid environments, and this paper investigated echidna movements and habitat selection in relation to arid riparian zones and resource availability. Habitat use differed by age, and habitats were not selected in proportion to availability. Habitat selection was driven by prey (ants) and shelter availability.

[Abstract](#) | [Full Text](#) | [PDF \(1.2 MB\)](#)

[When ancestry haunts – can evolutionary links to ancestors affect vulnerability of Australian prey to introduced predators? A preliminary study](#)

Sigrid Heise-Pavlov and Adrian Bradley

The high extinction risk of Australian marsupials has been attributed to their failure to recognise novel predators, and the application of inappropriate anti-predator responses. A preliminary study showed that captive Lumholtz's tree-kangaroos may be able to associate faecal odours from arboreal and terrestrial predators with a threat, but do not seem to have different anti-predatory responses. These results suggest that the ancestral history of a prey may also play a role in the vulnerability of Australian prey species to novel predators.

[Abstract](#) | [Full Text](#) | [PDF \(723 KB\)](#)

[Sniffing out danger: rapid antipredator training of an endangered marsupial](#)

Rachel Taylor, Amy L. Coetsee, Rebecca E. Doyle, Duncan R. Sutherland and Marissa L. Parrott

Prey naivety to introduced predators can cause threatened species translocations to fail. Before a release to Summerland Peninsula, Phillip Island, Victoria, captive eastern barred bandicoots (*Perameles gunnii*) successfully underwent rapid predator aversion training to improve vigilance in the presence of feral cats (*Felis catus*). Following release, trained and untrained bandicoots had high survival rates. Our study demonstrates that bandicoots can learn predator avoidance behaviours quickly and are suitable for future training. We suggest translocation success of other endangered species could be improved by predator avoidance training.

[Abstract](#) | [Full Text](#) | [PDF \(217 KB\)](#)

[A pain in the neck: weak links are not a reliable release mechanism for radio-collars](#)

Kelly Rayner, Miriam Sullivan, Colleen Sims and Saul Cowen



Radio-collars are often used for research purposes on wildlife, but their removal can be difficult. Weak links are used by researchers as insurance against irretrievable collars and entanglement. We surveyed Australian mammalogists to collate their experiences using radio-collars and weak links, and found that overall the efficacy of these additions is unreliable. We recommend that weak links should not be used as the primary method of collar removal, and that testing should be done in a controlled environment prior to deployment.

[Abstract](#) | [Full Text](#) | [PDF \(219 KB\)](#)

[Torn limb from limb: the ethology of prey-processing in Tasmanian devils \(*Sarcophilus harrisii*\)](#)

Tahlia I. Pollock, David P. Hocking, Daniel O. Hunter, Marissa L. Parrott, Monika Zabinskas and Alistair R. Evans
Australia's largest marsupial carnivore is the Tasmanian devil. They have a highly diverse diet and the ability to devour almost all parts of their prey, including bone. But how do they do this? To find out we watched them feed and noted their unique behaviours. Devils are special and share similarities with large carnivores that handle and consume whole carcasses, as well as small carnivores that regularly grasp and handle small prey.

[Abstract](#) | [Full Text](#) | [PDF \(1.5 MB\)](#)

[First use of a microchip-automated nest box *in situ* by a brush-tailed phascogale \(*Phascogale tapoatafa*\)](#)

Shania J. Watson, Julia M. Hoy, Megan C. Edwards and Peter J. Murray



Microchip-automated devices have the potential to provide individual free-living animals with safe nesting areas and act as a method of targeted food delivery, whilst excluding competitors and predators. Training wildlife to use such devices in captivity may not always be feasible or appropriate due to the high cost, likely increased stress on the animals, and potential biosecurity risk. We successfully trained a brush-tailed phascogale in the wild to use a commercially available microchip-automated device, demonstrating potential for this technology to improve conservation outcomes.

Photograph of phascogale in the door of a nest box: camera trap image captured from this study.

[Abstract](#) | [Full Text](#) | [PDF \(392 KB\)](#)

[Range extensions and habitat use of Forrest's mouse \(*Leggadina forresti*\) in New South Wales](#)

G. F. Madani



Fauna surveys in the western division of New South Wales recorded an easterly range extension of 430 km for Forrest's mouse (*Leggadina forresti*) in Culgoa and Ledknapper National Parks. Forrest's mouse appears to persist in riverine plains and this habitat may serve as an important residual intact habitat within the rangelands of NSW for this threatened rodent.

[Abstract](#) | [Full Text](#) | [PDF \(868 KB\)](#)

[DIY radio-collar attachment for small macropods](#)

Alexandra K. Ross, Jasmin C. Lawes, Janelle A. Lowry and Mike Letnic



Although radio-collaring is a valuable conservation tool, it can increase the chance of injury for live collared animals. We here present a relatively inexpensive addition to the standard radio-collar which causes no long-term negative effects and may reduce the chance of injury. This collar addition should be implemented to improve ethical and ecological safety of wildlife studies.

[Abstract](#) | [Full Text](#) | [PDF \(424 KB\)](#)

[Targeted survey for the eastern quoll \(*Dasyurus viverrinus*\) in the Nungatta and Yambulla areas of southern New South Wales](#)

Ben Hope, Rohan J. Bilney and Jess Peterie

A photographic report of an eastern quoll in 2013 from the Nungatta area (near Eden in southern NSW) prompted a targeted survey. We set cameras at 59 sites in the general vicinity of the sighting in order to attempt to gather evidence of the presence of this species, which is considered to be locally extinct. Despite targeted survey and considerable past surveys in the area, we were not able to independently verify the presence of a wild population as no additional record of an eastern quoll was obtained.

[Abstract](#) | [Full Text](#) | [PDF \(1.1 MB\)](#)

[First record of a pygmy sperm whale \(*Kogia breviceps*, Blainville, 1838\) stranding along the coast of Viti Levu, Fiji](#)

Jasha Dehm, Rufino Varea, Chinthaka Anushka Hewavitharane, Brian Stockwell and Kelly Thomas Brown

This research note documents the first confirmed record of an adult male pygmy sperm whale found stranded in Fiji, in July 2020.

[Abstract](#) | [Full Text](#) | [Full Text](#) | [PDF \(442 KB\)](#)

[Informing the space between zero and one: a standardised, scat-based approach to monitoring changes in habitat use by brush-tailed rock-wallabies \(*Petrogale penicillata*\)](#)

Stephen Phillips, Katherine Howard and Jade Krause

Populations of rock-wallabies are difficult to monitor because they live in steep, rocky places that are difficult to survey. This work describes development of a transect-based approach that used rock-wallaby scats to inform an Index of Activity (IoA) at 20 separate field sites. Low IoA scores offer the potential to inform the need for site-based management intervention which will assist conservation efforts.

[Abstract](#) | [Full Text](#) | [PDF \(4.9 MB\)](#)

[Feral cat \(*Felis catus*\) predation confirmed for Rothschild's rock-wallaby \(*Petrogale rothschildi*\) in the Pilbara](#)

Hannah Anderson, Brooke Richards, William Ross and Russell Palmer



Rothschild's rock-wallaby (*Petrogale rothschildi*) is endemic to the north-west of Western Australia. This large species of rock-wallaby is currently not recognised as threatened but is poorly known. Feral cats are a serious threat to many mainland Australian mammals, including some species of rock-wallaby, however their impact on *P. rothschildi* is largely unknown. Here we provide the first account of feral cat predation on Rothschild's rock-wallaby. Photograph of feral cat bite mark by Kristy Quinlan.

[Abstract](#) | [Full Text](#) | [PDF \(480 KB\)](#)

How do you trap a shy wombat? Trialling new trap designs for northern hairy-nosed wombats (*Lasiorhinus krefftii*)

Jenny Molyneux, Dave Harper and Alan Horsup



The low trap success (2–4%) of northern hairy-nosed wombats (*Lasiorhinus krefftii*) has proven a considerable limiting factor to their conservation and management. This project utilised expert knowledge and experience to redesign current traps and deployment to improve trap success, reduce by-catch and required resources, and improve safety for field staff and captured fauna. The results show the capacity to improve monitoring capabilities for a cryptic species, to ultimately improve the

ability of managers to achieve conservation outcomes.

[Abstract](#) | [Full Text](#) | [PDF \(563 KB\)](#)

The diet of dingoes, feral cats and eastern barn owl on Pullen Pullen Reserve, southwest Queensland

Stephen G. Kearney, Pippa L. Kern, Stephen A. Murphy, Heather Janetzki and Alex S. Kutt

[Abstract](#) | [PDF \(471 KB\)](#)

Molecular relationships of the red-bellied dasyure (*Phascolosorex doriae*) – a rare marsupial from western New Guinea

M. Westerman, Stella Loke and Mun Hua Tan

Few specimens of the red-bellied phascogale have ever been collected from the Birds' Head region of New Guinea. Data from the complete mitochondrial genome of this rare New Guinean endemic dasyurid demonstrates its close relationship to the more widely distributed narrow-striped dasyure, *Ph. dorsalis* and to the speckled dasyure. The common ancestor of these three species represented one of three separate invasions of New Guinean rainforest habitats by dasyurids.

[Abstract](#) | [Full Text](#) | [PDF \(228 KB\)](#)