

**Edition: 2022 June - Publisher: Swinburne University of Technology**

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Featured in the edition:**Bibliography of the History of Australian Science**

Browse Bibliographic Indexes A-Z [761 new entries, 621 amended entries and 33 duplicates deleted]

Latest Annual Bibliography, published in *Historical Records of Australian Science* - download the pdf for free

Scientists, Organisations, Innovations and authoritative articles

Browse Entity Indexes A-Z [119 new entries, 769 amended entries and 2 duplicates deleted]

Mound, Laurence Alfred (1934 -): noted as a world authority on the taxonomy, phylogeny and biology of thrips (Thysanoptera).

Walters, Neville E. M. (Nev) (1910? - 2004): a mycologist whose expertise was in wood-decaying fungi and timber preservation.

Silver Jubilee Award Australian Marine Sciences Association: (sometimes called the Jubilee Award) was inaugurated in 1988 on the occasion of the 25th anniversary of the foundation of the Association. It is awarded, usually annually, to a scientist who has made an outstanding contribution of Australian marine research.

Byrne, Maria: a marine zoologist internationally recognised for her discoveries in how animal body plans evolve. Her studies on larval ecologies of marine invertebrates, particularly echinoderms, resulted in the identification of new species and showed these animals to be highly responsive to environmental change.

Unaipon, David (1872 - 1967): a Ngarrindjeri Elder, preacher and inventor, and one of Australia's first Aboriginal writers. He developed and patented a modified handpiece for shearing in 1907 and made predictions about the development of polarised light and helicopter flight.

Smith, Sandra Lynette (1946 - 2019): an entomologist and highly-respected scientific illustrator whose career took her to Lincoln College in New Zealand; to Papua New Guinea with the World Health Organization researching malarial transmission by mosquitoes; and to the Research School of Biological Sciences at the Australian National University.

Great Barrier Reef Committee (1922 - 1982): established in 1922 as committee of Royal Geographical Society of Australasia, Queensland Branch (RGSAQ), at the instigation of Henry C. Richards, foundation Professor Geology, University of Queensland, and Matthew Nathan, Governor of Queensland. Initially its aims were to study of the Reef's fauna and flora. and to drill through the Reef.

Watheroo Magnetic Observatory (1919 - 1957): established at the instigation of the Carnegie Institution of Washington, D.C. (U.S.A.), as one of two southern hemisphere observatories required by the Institution's Department of Terrestrial Magnetism for it's project to determine the shape of the Earth's magnetic and electrical fields.

Introduction:

The *Encyclopedia of Australian Science and Innovation* brings together information from a broad range of sources. It is a register of the people and their communities including the many industries, corporations, research institutions, scientific societies and other organisations that have contributed to Australia's scientific, technological and medical heritage through all time. Importantly, it includes references to related archival materials, museum objects and collections, and a bibliography of historical published literature.

Research, curation and web publication is supported by the Centre for Transformative Innovation, Swinburne University of Technology. Web publication is by serial editions with at least four editions per year. Each edition contains new entries or articles as well as corrections and additions to existing entries. Data research and curation began in 1985 and resulted in a series of print and web publications from 1991, including:

Gavan McCarthy (ed), *Guide to the Archives of Science in Australia: Records of Individuals* [book] (Melbourne: D. W. Thorpe, 1991)

Bright Sparcs, [web resource] (Canberra and Melbourne: Australian Science Archives Project, 1994-1999; Australian Science and Technology Heritage Centre, 1999-2006; eScholarship Research Centre, the University of Melbourne 2007-2010)

Australian Science at Work, [web resource] Canberra and Melbourne: Australian Science and Technology Heritage Centre, 1999-2006; eScholarship Research Centre, the University of

Melbourne (2007-2010)

Encyclopedia of Australian Science, [web resource] Melbourne: eScholarship Research Centre, the University of Melbourne, 2010-2019)

The *Encyclopedia* acknowledges all Aboriginal and Torres Strait peoples of Australia, the traditional custodians of country. It recognises and supports their connections to land, sea and community. We pay our respect to their elders past, present and emerging, and extend that respect to all First Nations people of the world.

We aim to be a 'living archive' and strive to represent all knowledge in an honest and respectful manner.

Exhibitions - selected stories explored in more depth

All exhibitions from 1996 onwards

Other useful resources

Trove , National Library of Australia

History of Australian Science, Australian Academy of Science

CSIROPedia, CSIRO and Swinburne University of Technology

IsisCB Explore, History of Science Society Global Cumulative Bibliography

Curation Summary

At the date of publication the *Encyclopedia* comprised references to 9,344 entities; 22,269 published resources; and 3,025 archival and museum collections. These were all interconnected by 22,845 relations between entities, 41,384 relations between entities and published resources; 3,729 relations between entities and archival collections; 2,282 relations between published resources.

Publisher:



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What do we mean by this?

Published by the Centre for Transformative Innovation, Swinburne University of Technology.

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For earlier editions see the Internet Archive at: https://web.archive.org/web/*/www.eoas.info

The Encyclopedia of Australian Science and Innovation uses the Online Heritage Resource Manager (OHRM), a relational data curation and web publication system developed by the eScholarship Research Centre and its predecessors at the University of Melbourne 1999-2020. The OHRM has been maintained by Gavan McCarthy

since 2020.

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