



A gateway to the history and archives of science, technology and innovation in Australia

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Edition: 2023 May (Gwangal moronn - Gariwerd calendar)

Reference: <http://www.bom.gov.au/iwk/calendars/gariwerd.shtml#gwangal-moronn>

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Featured in the edition:

Bibliography of the History of Australian Science

Browse Bibliographic Indexes A-Z [This edition: 578 new entries, 239 amended entries and 14 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 [This edition: 54 new entries, 1024 amended entries and 1 duplicate deleted, 1 archival repository entry updated.]

Joshi, Nalini AO FAA: a mathematician internationally recognised for her research in the study of nonlinear systems. She has developed precise definitions of elusive functions and new

methodologies which have application across many fields.

Wallace, Carden Crea (1946 -): is widely recognised for her expertise in staghorn corals (genus *Acropora*), one of the principal groups of coral responsible for reef-building in the Indo-Pacific region. In her research she developed theories on the evolution, genetics and dispersal of staghorns over 20 million years.

Grey, George (1812 - 1898) KCB: is known as a colonial governor in three jurisdictions and an explorer in remote Australia. He earned a considerable reputation as a scholar of indigenous cultures, and his extensive and varied natural history collections are now in several British repositories.

Wood, Barbara Grendon (1897 - 1980): was one of Australia's first female radiologists. After completing her medical studies at the University of Melbourne, she gained a Diploma in Medical Radiology and Electrology from the University of Cambridge in 1924. In 1925 she became the first full-time qualified radiologist appointed to an Australian hospital when she joined the Melbourne Hospital.

Frazer, Leonard Thomas (Len) (1908 - 1968): was the City Engineer, City of Melbourne and helped to plan the facilities for the 1956 Olympic Games. He was a pioneer in traffic engineering in Australia, and later as a consulting engineer, lead the development of the major suburban shopping centres at Chadstone, Northland, Southland and Eastland; the Melbourne Transportation Study in conjunction with Wilbur Smith; as well as other major projects including the layout of LaTrobe University, and Woden district in Canberra.

Isaacs, David Victor (1904 - 1991) MBE: a civil engineer, was recognised for his pioneering work on electric welding and concrete pile design; his consulting work on several major bridges.

H.M.S. Rattlesnake (1822 - 1860) Royal Navy: was a Royal Navy Atholl class corvette launched at the Chatham Dockyard, United Kingdom, in 1822. She was involved in the collection of a large number of natural history and ethnographic specimens (including ancestral remains), and the survey of the waters of northeastern Australia and around New Guinea.

J. A. Prescott Medal (1972 -) Australian Society of Soil Science: has been presented annually by the Australian Society for Soil Science. It recognises outstanding contributions to soil science and climatology, and is open to members of the Society and other soil scientists.

Australian Mathematics Trust (1992 -): as with its predecessors, the Trust was founded to help Australian secondary students realise their potential in problem solving through mathematics and algorithmics, in parallel with the school curriculum.

CSIRO Oral History Project (2016 -): was established "to record specialised oral histories of key individuals involved with Australia's principal scientific research organisation, the Commonwealth Scientific and Industrial Research Organisation (CSIRO). The oral histories are intended to complement official governance documents in a larger project to write a history of CSIRO.

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.

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.

On 24 November 2022 (5.45pm), the Centre for Transformative Innovation at Swinburne University of Technology hosted an event at the Hawthorn Campus to celebrate the next phase in the life of the Encyclopedia. For more information see [Launch 2022](#)

Exhibitions - selected stories explored in more depth

All exhibitions from 1996 onwards

Other useful resources

Historical Records of Australian Science, Australian Academy of Science and CSIRO Publishing. The history of science, pure and applied, in Australia, New Zealand and the southwest Pacific.

Trove , National Library of Australia. Australia's free online research portal. Trove is a collaboration between the NLA and hundreds of Partner organisations around Australia, including this Encyclopedia.

History of Australian science, Australian Academy of Science. An introduction to the historical resources of the Academy.

CSIROPedia, CSIRO and Swinburne University of Technology. Innovation shaping Australia and the world since 1916.

IsisCB Explore, An open access discovery service from the History of Science Society; built on 50-years of data in the *Isis Bibliography of the History of Science*.

Data Overview

At the date of publication the *Encyclopedia* comprised references to 9,522 entities; 24,024 published resources; and 3,027 archival and museum collections in 317 repositories. In all, there are well over 2.1 million data elements captured in 44 data tables. For more details go the [Browse](#).

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.

Cite this page: <https://www.eoas.info/index.html>

"Don't it always seem to go; That you don't know what you got 'til it's gone" Big Yellow Taxi (1970) Joni Mitchell (1943-)