



ENCYCLOPEDIA OF

AUSTRALIAN SCIENCE AND INNOVATION



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

Edition: 2023 February (Kooyang - Gariwerd calendar) - Publisher: Swinburne University of Technology

Find People

Find Organisations and groups

Find Archival and manuscript collections

Find Publications (offline and online)

Find Awards, prizes and medals

Find Innovations, inventions and significant cultural objects

Find major Events and expeditions

Find major Journals

See entries grouped by Tag, for example: occupation or function

Search (using Google Custom Search) e.g. name of organisation, person, phrase or word

Featured in the edition:

Bibliography of the History of Australian Science

Browse Bibliographic Indexes A-Z [474 new entries, 492 amended entries and 23 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 [51 new entries, 1697 amended entries and 0 duplicates deleted]

Hapgood, Karen: a leading chemical engineer whose research focuses on engineering powder particles used widely in the manufacture of new drugs. Since March 2022 Hapgood has been Deputy Vice-Chancellor (Research) at Swinburne University of Technology.

Long, Gordon (1937 - 2014): a leading researcher in the aeronautical industry - researching structural dynamics and aeroelasticity, unsteady aerodynamics, wind tunnel testing, fatigue testing and composite structures.

Waitt, Frank William Foster (1895 - 1989): was the Chief Hydraulic engineer, Commonwealth Department of Works. He took a leading role in investigating rainfall and catchment runoff, stream flows, flood estimation and reservoir yields associated with many major projects across Australia.

Wilkins, John (1826 - 1905): was a surgeon who established a practice in Williamstown, Melbourne, after arriving in June 1850. In 1865 he returned to England but was back in Melbourne in 1867 and in 1871 established his Self-Supporting Infirmary for the Throat, Chest, Eye and Ear.

Academy Medal (1990 -) Australian Academy of Science: recognises outstanding contributions to science by means other than through scientific research.

Waterhouse Natural Science Art Prize (2002 -) South Australian Museum: encourages artists to make a statement about the scientific issues facing our planet, and offers a valuable platform for them to contribute to the environmental debate.

South Australian Great Northern Exploring Expedition (1861 - 1863) Colony of South Australia: had the intention to cross the continent from south to north before the Victorian Exploring Expedition, the fate of which was then unknown, and to secure for South Australia the acclaim of having sponsored the first expedition to accomplish the crossing.

Adelaide Philosophical Society (1853 - 1880): was founded in January 1853 for the purpose of providing means of association between people of similar interests, and to record information on natural phenomena occurring in the colony before it was lost to the records of science.

Brisbane Botanic Gardens (1855 -): date from 1855 when the first employee, Walter Hill, was appointed as Curator (and later also Colonial Botanist) with a brief to establish a botanic garden. Land had been reserved on the Brisbane River in 1828, with responsibility for management ceded to a board of trustees when Queensland became a colony separate from New South Wales. The Gardens as developed by Hill focused on economic botany and the acclimatisation of useful plants.

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 9,467 entities; 23,467 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:



Except where otherwise noted, content on this site is

Licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 4.0 International License.

What do we mean by this?

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

This Edition: 2023 February (Kooyang - Gariwerd calendar)

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-)