

Contents Volume 29 Number 1**January 2018****Editors' Page** i**Historical Articles:**

CSIRO Non-carbon Dioxide Greenhouse Gas Research. Part 1: 1975–90

Paul J. Fraser, Graeme I. Pearman and Nada Derek 1–13.

Radiocarbon Dating at the Museum of Applied Science Victoria 1952–70: a Pioneer Venture

Ian D. Rae 14–27.

The Indiscretion of Mark Oliphant: How an Australian Kick-started the American Atomic Bomb Project

Darren Holden 28–35.**Biographical Memoirs:**

Brian Herbert Kay 1944–2017

Michael F. Good, Scott A. Ritchie, Daryl McGinn and Richard C. Russell 36–40.

James Douglas Morrison 1924–2013

Ian D. Rae 41–50.

Lawrence Walter Nichol 1935–2015

Peter D. Jeffrey, Donald J. Winzor and Philip W. Kuchel 51–55.**Book Reviews:***Compiled by Peter Hobbins* 56–60.Margaret Cook on *Environmental History and Ecology of Moreton Bay*

[Daryl McPhee] 56–57.

John Jenkin on *Behind the Legend: the Many Worlds of Charles Todd*

[Denis Cryle] 57.

Harry Wendt on *John Tebbutt: Rebuilding and Strengthening the Foundations of Australian Astronomy*

[Wayne Orchiston] 58.

Peter Hobbins on *Deadly Encounters: How Infectious Disease Helped Shape Australia*

[Peter Curson] 58–59.

Georgia McWhinney on *Lessons Learned: the Australian Military and Tropical Medicine*

[Geoffrey Grant Quail] 59–60.

Andrew Turner on *Those Wild Rabbits: How They Shaped Australia*

[Bruce Munday] 60.

Bibliography of the History of Australian Science, No. 38, 2017*Compiled by Helen M. Cohn* 61–71.

Cover illustration: Anne Bermingham at the Museum of Applied Science in Melbourne with the gas line in which carbon dioxide samples were prepared for carbon-14 counting (see Rae pp. 14–27).