

Papers and Proceedings of

The Royal Society *of* Tasmania

Edited by M. Davies
and published by the Society

Volume 152
December, 2018



Published by
The Royal Society of Tasmania
GPO Box 1166
Hobart, Tasmania, Australia 7000

www.rst.org.au

14 December 2018

ISSN 0080-4703

Cover illustration: The 'Freshwater Crayfish' (most likely *Astacopsis tricornis*) in Gould's *Sketchbook of Fishes* (Gould c. 1832). Watercolour on paper by William Buelow Gould, painted at Macquarie Harbour. [Reproduced with the permission of the Allport Library and Museum of Fine Arts, Tasmanian Archive and Heritage Office].

PAPERS AND PROCEEDINGS OF THE ROYAL SOCIETY OF TASMANIA
VOLUME 152

Contents

	page
Guy, T. & Kirkpatrick, J.B. — Vegetation change on an urban coastal dune system	1
Harding, M.C. & Kirkpatrick, J.B. — Short-term recovery of cushion plant communities after fire on the Central Plateau, Tasmania	9
Williams, L. & Kingdom, D. — Residual presence and impact of herbicide for gorse control on native species diversity at Long Point Reserve, Tasmania, Australia	17
Mulhern, T.D. — Correcting misconceptions about the names applied to Tasmania's Giant Freshwater Crayfish <i>Astacopsis gouldi</i> (Decapoda:Parastacidae)	21
Kirkpatrick, J.B., Styger, J.K. & Marsden-Smedley, J.B. — Impact of changes in lightning fire incidence on the values of the Tasmanian Wilderness World Heritage Area	27
Wapstra, M. — Distribution, habitat characteristics and conservation status of <i>Lepidium hyssopifolium</i> Desv. (Brassicaceae) in Tasmania	33
Dartnall, H.J.G. — Bob Dingle – pathfinder at war and in the Antarctic	53
Large, R.R., Pongratz, J. & Davies, M. — Obituary: Professor Patrick Gerard Quilty AM	61



THE ROYAL SOCIETY OF TASMANIA

Council and Office Bearers from March 2018 to March 2019

Patron

Her Excellency Professor the Honourable Kate Warner AC, Governor of Tasmania

President

Prof. Ross Large

Vice President

Mrs Mary Koolhof

Immediate Past President

Prof. Matt King

Honorary Secretary

Mr David Wilson

Honorary Treasurer

Mr Peter Meyer

Co-opted Assistant Treasurer

Mr John Hayton

Councillors

Dr Anita Hansen

Dr Robert Johnson

Dr Greg Lehman

Dr Angela Ryan

Dr John Thorne AM

Dr Adele Wilson

Early Career Researcher

Dr Taryn Noble

Student Council Member

Mr Austen Hawkins

Honorary Editor

Dr Margaret Davies OAM

Honorary Librarian

Ms Juliet Beale

Honorary Publicity Officer

Dr Adele Wilson

Assistant Publicity Officer

Ms Jeannie-Marie LeRoi

Representative of the Tasmanian Museum and Art Gallery

Ms Janet Carding

Representatives of the Northern Chapter

Mr David Morris