# **PROCEEDINGS**

### OF

# THE ROYAL SOCIETY OF VICTORIA

Volume 131

Part 2

Published by the Royal Society of Victoria ABN 62 145 872 663 8 La Trobe Street Melbourne, Victoria 3000, Australia Tel: +61 3 9663 5259

Email: editor@rsv.org.au
Web: www.rsv.org.au

Copyedited and typeset by Barbara Vaughan

The support of the following reviewers in the preparation of this issue is greatly appreciated: Adrian Rushton, Gladys Ortega, Mark Warne, Alan Lord, Allan Pring, Andrew Tomkins, John Wasson, Alison Oke, Surendra Rauniyar and David Karoly.

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without the prior permission of the Royal Society of Victoria.

ISSN 0035-9211

© The Royal Society of Victoria Incorporated, 2019

### COVER PHOTOGRAPHS

*Lignigraptus erdtmanni* holotype (portion of Figure 38; see page 40). Image by Fons VandenBerg. Watercolour of Royal Society of Victoria building. Tony Broughton 2009.

#### THE ROYAL SOCIETY OF VICTORIA 2019

Patron The Hon. Linda Dessau AC, Governor of Victoria

President Mr David J. Zerman

Vice-President Mrs Nicola H. Williams
Immediate Past President Dr William D. Birch AM

Honorary Secretary Dr Peter G. Baines
Honorary Treasurer Mr Andrew Davison

The above Office bearers are ex officio members of the Council of the Society.

Other members of the Council are:

Ms Pamela Borger Dr Julie Boyce

DR CATHERINE DE BURGH-DAY

Associate Professor Robert Day

Ms Sophia Frentz Mr Rob Gell AM

DR KEVIN ORRMAN-ROSSITER

MR VIKTOR PERUNICIC

ASSOCIATE PROFESSOR GAVIN SMITH

PROFESSOR DAVID WALKER

Chief Executive Officer Mr Michael Flattley

Honorary Auditor Pitcher Partners Advisors Pty Ltd

Trustees Dr David M. Churchill

Dr Alan S. Finkel AM

PROFESSOR LYNNE SELWOOD AO

EMERITUS PROFESSOR JAMES W. WARREN

#### **EDITORIAL STATEMENT**

*Proceedings of the Royal Society of Victoria* is published twice yearly in an online, open-access format through an agreement between the Royal Society of Victoria and CSIRO Publishing. The *Proceedings* is now indexed in Elsevier's Scopus and has a CiteScore, which measures average citations received per document published in the serial. Scopus indexes 22,000 journals. The journal is also being digitised for the Biodiversity Heritage Library.

The Society invites original research articles, reviews and short communications for the Proceedings, from authors across the various disciplines of biological, physical and earth sciences, including multidisciplinary research, and on issues concerning technology and the applied sciences. Contributions on topics that are relevant to Victoria and the south-eastern Australian region are particularly encouraged. All contributions are subject to peer review and there are no page or colour charges involved.

Authors should consult papers published in Volume 128, part 1, for a guide to the format of manuscripts. Particular attention should be paid to the format of the listed references and their mode of citation in the text. In general, order references alphabetically. Note that for entries beginning with the same surname, one- and two-author entries precede those with multiple (three or more) authors; these multiple-author entries should then be ordered chronologically.

The use of images, in particular coloured illustrations, is encouraged. All images (photographs, tables, illustrations, graphs) must be supplied electronically:

- as separate files (not embedded in the text)
- with fonts embedded in the file
- as colour, black & white or grayscale
- in TIFF, JPG or high resolution PDF format
- numbered sequentially according to their appearance in the text
- preferably designed for one or two column width
- at a resolution of at least 300 dpi (for photos) and 800 dpi (for line artwork) at final size
- with lines thicker than 0.3 point.

Manuscripts should be submitted electronically by email to editor@rsv.org.au, with the word 'manuscript' in the subject bar.

#### **Editor-in-Chief**

Dr William Birch

#### **Editorial Board**

Dr Mark Williams

Dr Erich Fitzgerald

Dr Martin Gomon

Mr Alfons VandenBerg

### CONTENTS OF VOLUME 131, PART 2

A.H.M. VandenBerg The Ordovician Graptolite Subfamily Kinnegraptinae in Victoria, Australia	7
C. Eglington	
Marine Ostracoda (Crustacea) from the Late Oligocene Gellibrand Marl, Otway Basin, Victoria, Australia	53
W.D. Birch	
The Wedderburn Meteorite Revisited	74