

Records of the Auckland Museum

Volume 51 | 2016



TAMAKI PAENGA HIRA
AUCKLAND WAR MEMORIAL MUSEUM

www.aucklandmuseum.com

Hemideina gigantea !
Deinacrida heteracantha
Trans. N.Z. XXVII p. 144.
Colenso 355/31.

Captured 1838.
Described 1880.



Records of the Auckland Museum

Volume 51 | 2016



TAMAKI PAENGA HIRA
AUCKLAND WAR MEMORIAL MUSEUM

Auckland, New Zealand, 2016.

RECORDS OF THE AUCKLAND MUSEUM

ISSN 1174-9202 (Print)

ISSN 2422-8567 (Online)

In continuation of *Records of the Auckland Institute and Museum*
Volume 1, Number 1 (June 1930)

Published by Order of the Trust Board
Roy CLARE C.B.E., Director

[Vol. 50 was published on 14 December 2015]

Editors

J.W. EARLY and P.F. PEREIRA

Production

L. FUREY

The Auckland War Memorial Museum has a statutory role to advance and promote cultural and scientific scholarship and research that is met in part by publication of the *Records of the Auckland Museum*. The *Records* have been published continuously since 1930. Issues are annual.

The *Records* contain the results of original research dealing with material in the collections of Auckland Museum, and research carried out by Museum staff members in their particular subjects. All papers are refereed. Instructions for authors are given at the end of this, or recent volumes. The *Records* are distributed, largely by exchange, to libraries at about 250 academic institutions-throughout the world. Proposals for exchange agreements should be addressed to the Auckland Museum Library Manager.

The contents of the *Records* are reported in *Index New Zealand*, *Anthropological Index* (Royal Anthropological Institute, London), *Anthropological Literature* (Harvard University), *Biological Abstracts*, *Kew Record of Taxonomic Literature*, *Zoological Record* and *GeoRef* (American Geological Institute). Vol. 34 contained indexes to the contents of volumes 1-33. Monographs are produced occasionally in the series *Bulletin of the Auckland Museum* (see website: Library Services/Museum Publications).

© 2016, Auckland War Memorial Museum.
Private Bag 92018, Auckland, New Zealand
www.aucklandmuseum.com

Cover image: Holotype of *Hemideina gigantea* Colenso, AMNZ21862. Photo: Peter Quin.

Table of Contents

Foreword	iv
Articles	
Fossil and Recent molluscan types in the Auckland War Memorial Museum. Part 1: Bivalvia Wilma M. Blom	1
Provenance of the type specimen of William Colenso's giant weta <i>Hemideina gigantea</i> . John W. Early	49
Biogeography and biodiversity of intertidal micromollusca of northern New Zealand Margaret S. Morley & Bruce W. Hayward	55
Ostracoda of the Cavalli Islands, Northland, New Zealand Margaret S. Morley & Bruce W. Hayward	79



Foreword: Change and Continuity

Roy Clare CBE Director, Auckland War Memorial Museum

In my Foreword last year I wrote about the impact of digital technology as research advances in Auckland War Memorial Museum. The pace of change has since increased and throughout the past year we have continued to nourish the collections and develop the audiences for them. The collections of this great institution are genuinely reaching out across the globe, presenting with many exciting new possibilities, as foreseen by *Future Museum* (published in 2012).

Academic libraries pioneered new approaches to collection building and retention. Museum collections are more diverse, but they need to follow suit and find new models to better serve their audiences cost-efficiently.

The Museum's Trust Board is committed to strategies that explore these avenues, while renewing galleries and displays, activating 'beyond our walls' and investing in innovative ways to engage people of all ages and backgrounds. Scholarship remains vital, alongside all levels of research, enquiry and participation.

He Korahi Māori and to its Pacific companion Teu Le Vā are woven tightly through the developments and bring indigenous perspectives to the forefront. As the Te Awe and Pacific Collections Access programmes progress, the Museum is strengthening its ties with communities and peoples. We are becoming more respectful kaitiaki and our documentation is being enhanced as we engage and learn.

Amid much that has changed there is continuity of purpose. At the core of all that we do, and all that we aspire to be, are the internationally-significant collections and the skills and capacities of those who care for them. Our curators and professional staff members are of course a crucial and enduring resource, but no museum in the world could achieve its ambitions without the talented and committed support of researchers and specialist volunteers.

In Auckland Museum we are fortunate to have the services of a significant number of subject experts who seek no financial reward. The late Margaret Morley is an outstanding example who has made a substantial contribution to developing and enhancing our marine invertebrates collection. Margaret received a Museum Award in 2015 and we were very sad to learn of her passing earlier this year. Her painstaking work forms the basis of two papers in this volume. Unfortunately Margaret did not live to see the publication of her research, but her legacy will be with us forever.