

australian ARCHAEOLOGY

The official journal of the Australian Archaeological Association Inc.

NUMBER 78 | JUNE 2014



australian ARCHAEOLOGY

Australian Archaeology, the official publication of the Australian Archaeological Association Inc., is a refereed journal published since 1974. It accepts original articles in all fields of archaeology and other subjects relevant to archaeological research and practice in Australia and nearby areas. Contributions are accepted in eight sections: Articles (5000–8000 words), Short Reports (1000–3000), Obituaries (500–2000), Thesis Abstracts (200–500), Book Reviews (500–2000), Forum (5000), Comment (1000) and Backfill (which includes letters, conference details, announcements and other material of interest to members). *Australian Archaeology* is published twice a year, in June and December. Notes to Contributors are available at: <www.australianarchaeologicalassociation.com.au>.

Australian Archaeology is indexed in the Arts and Humanities, Social and Behavioural Sciences, and Social Sciences Citation Indices of the Thomson Reuters Web of Knowledge, SCOPUS, Australian Public Affairs Information Service (APAIS), and Anthropological Literature and Anthropological Index Online.

Australian Archaeology is ranked as a tier A journal by the European Reference Index for the Humanities and French Agence d'Evaluation de la Recherche et de l'Enseignement Supérieur.

Subscriptions are available to individuals through membership of the Australian Archaeological Association Inc. or to organisations through institutional subscription. Subscription application/renewal forms are available at <www.australianarchaeologicalassociation.com.au>. *Australian Archaeology* is available through Informit and JSTOR.

Design and Print: Openbook Howden

Front Cover: Excavation in progress, Boodie Cave, Barrow Island (Kane Ditchfield, entered in the AAA2013 Photography Competition).

All correspondence and submissions should be addressed to:

Australian Archaeology

PO Box 10, Flinders University LPO

Flinders University SA 5048

Email: journal@australianarchaeology.com

<<http://www.australianarchaeologicalassociation.com.au>>

The views expressed in this journal are not necessarily those of the Australian Archaeological Association Inc. or the Editors.

© Australian Archaeological Association Inc., 2014

ISSN 0312-2417

Editors

Heather Burke *Flinders University*
Lynley Wallis *Wallis Heritage Consulting*

Editorial Advisory Board

Brit Asmussen *Queensland Museum*
Val Attenbrow *Australian Museum*
Huw Barton *Leicester University*
Noelene Cole *James Cook University*
Penny Crook *La Trobe University*
Ines Domingo Sanz *University of Barcelona*
Judith Field *University of New South Wales*
Joe Flatman *University College London*
Richard Fullagar *University of Wollongong*
Steve Free *The Australian National University*
Tracy Ireland *University of Canberra*
Judith Littleton *University of Auckland*
Marlize Lombard *University of Johannesburg*
Alex Mackay *University of Wollongong*
Scott L'Oste-Brown *Central Queensland Cultural Heritage Management*
Jo McDonald *The University of Western Australia*
Patrick Moss *The University of Queensland*
Tim Murray *La Trobe University*
Jim O'Connell *University of Utah*
Sven Ouzman *The University of Western Australia*
Fiona Petchey *University of Waikato*
Amy Roberts *Flinders University*
Katherine Szabo *University of Wollongong*
Nancy Tayles *University of Otago*
Robin Torrence *Australian Museum*
Peter Veth *The University of Western Australia*
Alan Watchman *Flinders University*
David Whitley *ASM Affiliates Inc.*

Short Report Editor

Sean Winter *The University of Western Australia*

Book Review Editors

Alice Gorman *Flinders University*
Claire St George *Wallis Heritage Consulting*

Thesis Abstract Editor

Tiina Manne *The University of Queensland*

Editorial Assistant

Susan Arthure *Flinders University*

Commissioned Bloggers

Jacqueline Matthews *The University of Western Australia*
Michelle Langley *The Australian National University*

informit
FROM RMIT PUBLISHING



Table of Contents

Editorial | *Heather Burke and Lynley A. Wallis* iii

Articles 1

Pigment geochemistry as chronological marker: The case of lead pigment in rock art in the Urrmarning 'Red Lily Lagoon' rock art precinct, western Arnhem Land | *Daryl Wesley, Tristen Jones and Christian Reepmeyer* 1

Occupation at Carpenters Gap 3, Windjana Gorge, Kimberley, Western Australia | *Sue O'Connor, Tim Maloney, Dorcas Vannieuwenhuysse, Jane Balme and Rachel Wood* 10

The geoarchaeology of a Holocene site on the Woolshed Embankment, Lake George, New South Wales | *Philip Hughes, Wilfred Shawcross, Marjorie Sullivan and Nigel Spooner* 24

Short Reports 33

The first Australian Synchrotron powder diffraction analysis of pigment from a Wandjina motif in the Kimberley, Western Australia | *Jillian Huntley, Helen Brand, Maxime Aubert and Michael J. Morwood* 33

Re-evaluating the antiquity of Aboriginal occupation at Mulka's Cave, southwest Australia | *Alana M. Rossi* 39

Marcia hiantina shell matrix sites at Norman Creek, western Cape York Peninsula | *Grant Cochrane* 47

Themed Section Guest edited by Anne Clarke and Ursula K. Frederick 53

Signs of the times: An introduction to the archaeology of contemporary and historical graffiti in Australia | *Ursula K. Frederick and Anne Clarke* 54

Leaving their mark: Contextualising the historical inscriptions and the European presence at Ngiangu (Booby Island), western Torres Strait, Queensland | *Jane Fyfe and Liam M. Brady* 58

The 'Outback archive': Unorthodox historical records in the Victoria River District, Northern Territory | *Darrell Lewis* 69

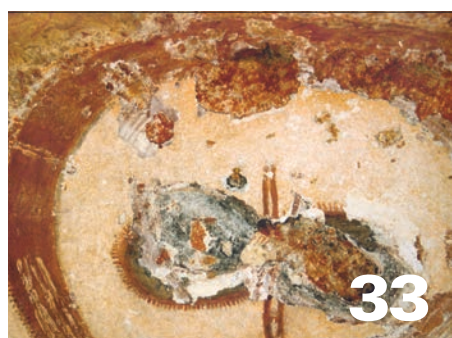
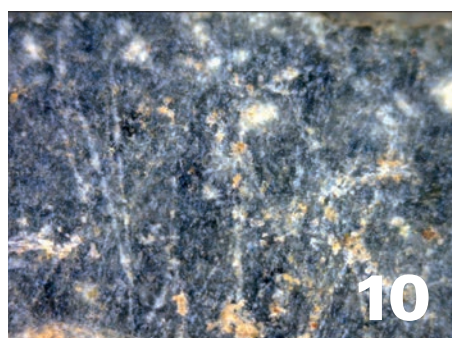
'We've got better things to do than worry about whitefella politics': Contemporary Indigenous graffiti and recent government interventions in Jawoyn Country | *Jordan Ralph and Claire Smith* 75

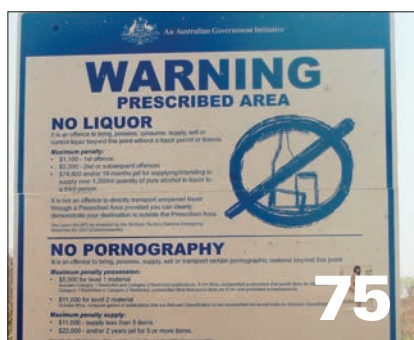
Battlefield or gallery? A comparative analysis of contemporary mark-making practices in Sydney, Australia | *Andrew Crisp, Anne Clarke and Ursula K. Frederick* 84

Shake Well Midden: An archaeology of contemporary graffiti production | *Ursula K. Frederick* 93

Illicit autobiographies: 1980s graffiti, prisoner movement, recidivism and inmates' personal lives at the Adelaide Gaol, South Australia | *Rhiannon Agutter* 100

Enmeshed inscriptions: Reading the graffiti of Australia's convict past | *Eleanor Conlin Casella* 108





Thesis Abstracts **113**

Book Reviews **123**

Archaeology of the Chinese Fishing Industry in Colonial Victoria
by Alister M Bowen | *Neville Ritchie* 123

Mystery Islands: Discovering the Ancient Pacific by Tom Koppel |
Matthew Spriggs 124

Prehistoric Marine Resource Use in the Indo-Pacific Regions edited by
Rintaro Ono, Alex Morrison and David Addison | *Mirani Litster* 125

*Late Holocene Indigenous Economies of the Tropical Australian Coast:
An Archaeological Study of the Darwin Region* by Patricia M. Bourke |
Sandra Bowdler 126

Secrets at Hanging Rock by Alan Watchman | *Claire St George* 128

Dirty Diggers: Tales from the Archaeological Trenches by Paul Bahn |
Duncan Wright 129

Documentary Filmmaking for Archaeologists by Peter Pepe and
Joseph W. Zarzynski | *Karen Martin-Stone* 130

The Dendroglyphs or 'Carved Trees' of New South Wales by
Robert Etheridge | *Jeanette Hope* 131

Consultation and Cultural Heritage: Let us Reason Together
by Claudia Nissley and Thomas F. King | *Lynley A. Wallis* 132

Backfill **135**

Obituary: Emmett Connelly 135

Obituary: Gaye Nayton 136

Fellows of the Australian Academy of the Humanities 137

Minutes of the 2103 AAA AGM 137

Big Man and Small Boy Awards 157

AAA Award and Prize Winners 2013 158

Obituary: Gaye Nayton

Sean Winter

Archaeology, School of Social Sciences, The University of Western Australia, Crawley WA 6009, Australia <sean.winter@uwa.edu.au>



Dr Gaye Nayton suffered a suspected embolism and passed away in her sleep on 5 December 2013, aged 59. As a result, Australia lost a vocal champion of heritage, and our discipline lost a practitioner with an extensive knowledge of Western Australian historical archaeology.

Originally from the United Kingdom, Gaye arrived with her two daughters, Jennie and Kellie, in Western Australia (WA) in 1982, intending to make a new life for her family. Gaye had developed a passion for archaeology after a trip to Egypt as a teenager and, after settling in to her new home, commenced an Arts degree in the newly established Archaeology Department at The University of WA. She completed her undergraduate degree in 1989, writing her honours thesis on the wreck of the *Sirius*.

After graduating, Gaye set up her own archaeology consultancy in the early 1990s, specialising in historical archaeology. This was a significant event for historical archaeology in WA, as, for much of the time it was operating, Gaye's company was the primary organisation working on historical archaeological sites in the state. Her company eventually completed over 200 heritage projects and, in her contribution to countless conservation plans, provided a basis for the protection and management of many heritage places. She worked on numerous significant sites, including Fremantle Prison, Government House, Mundaring Weir, the Moir Homestead, numerous convict and early settler sites, and in particular, Old Onslow, Broome and Cossack.

It was these three latter places on which Gaye focused her PhD, which was awarded in 2012. Her thesis examined market capitalism and its impact on shaping the development of WA during the 19th century. Based on her doctoral research she subsequently produced a book, *The Archaeology of Market Capitalism: A Western Australian Perspective*, which, to date, is the only published work that concentrates solely on the historical archaeology of WA. Gaye was in the final stages of writing a second book at the time of her death, which is to be published posthumously.

Gaye's contribution to both academic and commercial archaeology in WA was significant. However, Gaye's greatest contribution to the state's heritage was her tireless public service in the promotion of archaeology and heritage advocacy. She was the State Coordinator for National Archaeology Week, the State Representative for the Australasian Society for Historical Archaeology and was intrinsically involved in grass roots education initiatives. She was also a regular and active participant at national and international conferences. She was a strong advocate for heritage matters, providing an expert perspective on endangered sites, especially Cossack, which was particularly dear to her heart.

Gaye also had a passion for public archaeology. She regularly involved volunteers in her work, and worked hard to engage the public in the history and heritage of their state. She spent countless hours visiting schools, working with children and passing on her love of archaeology. Gaye developed a range of archaeological educational materials, including lesson plans for primary school teachers, hands-on archaeology kits, and videos explaining the archaeological process. She developed these simply because of her passion for archaeology, and disseminated them for free. At the time of her death she was involved in developing 'Archaeological Fun Boxes', which are kits containing a range of archaeological materials to be used by teachers to explain archaeological procedures to students. It was exciting to see the public getting behind this initiative via crowd sourcing efforts.

After her death her family felt that her archaeological field equipment should be bequeathed to the UWA Archaeology Department, to be used in the training of up-and-coming student archaeologists. Her large library of books, reports and other material was also bequeathed to various libraries and historical societies. In particular, the various archaeological reports she produced have been included in the catalogue of the Battye Library, WA's repository for historical documents.

Gaye was an integral part of our national archaeological community, a tireless promoter of heritage issues in WA and someone who regularly championed endangered archaeological sites and heritage places. Her contribution to the discipline was not through academic output—she did not write hundreds of papers and books, win major grants, or lead major projects. Instead, she worked at the grass

roots level, quietly championing archaeology and heritage, working with countless children, and using her enthusiasm and humour to infect others with her passion. As such, her personal contribution was equally important, and she made a significant contribution to the discipline of Australian archaeology. She will be missed.

Fellows of the Australian Academy of the Humanities

Congratulations to Professor Ian McNiven of Monash University, who was elected in 2013 as a Fellow of the Australian Academy of the Humanities, one of the highest honours available for achievement in the humanities in Australia.

From the Academy's website <<http://www.humanities.org.au/Fellowship/NewFellows.aspx>>:

Ian McNiven is Professor of Indigenous Archaeology in the School of Geography and Environmental Science at Monash University. His pioneering work has transformed the

understanding of the archaeology of Australian Indigenous coastal societies, in particular the Queensland coast and the islands of Torres Strait. McNiven's research focuses on understanding the long-term development of specialised maritime societies, with a focus on the archaeology of seascapes and ritual and spiritual relationships with the sea. His other research interests include the development of Aboriginal eel aquaculture in western Victoria, the long-term development of Jawoyn rock art (Arnhem Land) and the colonial history of archaeology.

Minutes of the 2013 Annual General Meeting of the Australian Archaeological Association Inc.

Novotel Pacific Bay Resort, Coffs Harbour
Tuesday, 3 December 2013

1. Welcome

The 2013 AGM commenced at 6.10 pm, chaired by Patrick Faulkner. The President welcomed members and observers to the meeting and acknowledged that the meeting took place on the traditional lands of the Gumbaynggirr people, and paid respects to elders past and present. He proposed, in order to allow all business to take place within a reasonable time frame, that comments from the floor be restricted to two minutes per person, and noted that AAA had received legal advice that defamatory comments made from the floor could expose the organisation to litigation. It was also noted that AAA have established a number of anti-discrimination policies that members must abide by in making any comments.

2. Apologies

Apologies were received from Heather Burke, Lucia Clayton Martinez, Iain Davidson, Natalie Franklin, Jack Golson, DeeAnne Gorrington, Phillip Habgood, Leslie Head, Fiona Hook, Anne McConnell, Jo McDonald, Andrea Murphy, Peter Veth, Cemre Ustankaya, Nathan Wright and Tam Smith.

3. Confirmation of the Minutes of the 2012 AAA AGM

The Minutes of the 2012 AAA AGM, held at the Novotel Wollongong Northbeach on 11 December 2012, were published in *Australian Archaeology* 76:104–122.

Motion: 'That the Minutes of the 2012 Annual General Meeting of the Australian Archaeological Association Inc. as circulated, be taken and read as confirmed'. Moved: Annie Ross. Seconded: Peter White. Motion carried nem.con.

4. Business Arising from the Previous AGM

Patrick Faulkner noted that the Student Research Grant Subcommittee was established in early 2013 (see Subcommittee and Student Representative Reports). Following a motion moved at the 2012 AGM regarding the AA Blog, the AAA Website and Twitter, these points were also actioned in early 2013 (see Editor's Report). Finally, the suggestion that there be two WA State Representatives was actioned for 2014.

5. Reports

5.1 President's Report (Patrick Faulkner)

With changes to some positions from 2012, the current team is completing its second and final year as the AAA Executive in 2013. My position as President was supported by the hard work and dedication of the other members of Executive (and in particular during my extended absences while on sick and study leave over the first half of the year), and I would like to thank Tiina Manne (Secretary), Nathan Wright (Treasurer), Xavier Carah and Cemre Ustankaya (Membership Secretaries), Heather Burke and Lynley Wallis (Journal Editors) and Sally Brockwell (Public Officer).

As I noted in last year's report, in addition to the Executive, the success of AAA is largely dependent on the efforts of all office holders and committee members. Heather Burke, Lynley Wallis and the Editorial Committee have again worked exceptionally hard to continue building the profile and standards of AA. In addition to this, their efforts in increasing the outreach and public accessibility of the journal through the blog posts based on high-quality