



NEW ZEALAND  
ARCHAEOLOGICAL  
ASSOCIATION

## ARCHAEOLOGY IN NEW ZEALAND



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## **NZAA 2016 Conference**

The 2016 annual NZAA Conference was held at the Ukaipo Rangitane Conference Centre in Blenheim from 22-25 June 2016, where the Association was hosted by Rangitane. The conference sponsors were: Gold – Auckland Council; Silver – SPAR; Others – CFG Heritage, Heritage Solutions and Heritage NZ.



*The boat trip out to Wairau Bar on a beautifully sunny mid-winter day  
(Gabrielle Johnston).*



*Richard Walter explaining the Wairau Bar archaeology (Lisa Matisoo-Smith).*

*NZAA 2016 Conference*



*Richard Walter's audience (Gabrielle Johnston).*



*Lunch time (Caroline Phillips)*

## Conference Papers

*Peter Adds and Bruce McFadgen.* Haere Ra Wairau Bar?

*Ian Barber.* Investigating proposed climate change proxies in New Zealand archaeology

*Kurt Bennett.* Lyttelton Port: Archaeology of growth and expansion

*John Booth.* Ecological consequences of pre-Contact harvesting of Bay of Islands' fish and shellfish based on midden evidence

*Hallie R Buckley, Rebecca Kinaston, Michael Knapp; Greg Cook, Catherine Collins, Richard Walter, Sian Halcrow, and Lisa Matisoo-Smith.* An osteobiography of a middle aged male from Wairau Bar: Exploring metabolic and infectious disease in prehistoric Polynesians

*Matt Carter.* 3D recording in the field: visualisations from the 2016 Horeke shipbuilding yard excavation, New Zealand

*Catherine Collins, Craig Millar, Dave Lambert, Lisa Matisoo-Smith.* A genomic study of the people of Wairau Bar

*John Coster.* Gardening up the Motu

*Bill Edwards.* A chronological sequence to the flags of Aotearoa New Zealand

*Bill Edwards.* Early settlement sites south of the Wairau Bar- an interconnected landscape?

*Josh Emmitt.* The sourcing of ceramics from the Egyptian Neolithic

*Louise Furey.* Ornaments of Wairau Bar revisited

*Dylan Gaffney.* Process archaeology and Pacific pasts

*Jessie Garland.* Truth, justice and the archaeological way: material culture from the site of the Christchurch Justice and Emergency Services Precinct.

*Warren Gumbley.* A year of fieldwork at Taupiri; some gardens; some middens; some preliminary results

*Warren Gumbley, Alan Hogg, Gretel Boswijk, Tom Roa.* Using curve matching to achieve a precise calendrical date for Otaahu Paa.

*Megan Hickey.* When walls come tumbling down: insights into Lyttelton's volcanic rock walls.

*Jitlada Innanchai.* Archaeology, Anastylosis and the Reconstruction of Masonry Structures in Thailand

*Geoff Irwin, Richard Flay and Dilys Johns.* Sailing canoe performance and the settlement of Aotearoa/New Zealand: An experimental approach

*Kevin Jones and Steve Bagley.* Sailing canoe performance and the settlement of Aotearoa/New Zealand: An experimental approach

*Ian Lawlor, Bev Parslow and Greg Walter.* Back to Basics: Recording and use of ArchSite records pitfalls and remedies.

- Lisa Matisoo-Smith.* From Africa to Aotearoa: Mitochondrial DNA and Y chromosome diversity of New Zealanders
- Lisa Mckendry.* Archaeological Textiles
- Jamin Moon.* Trends in Indigenous cultural heritage legislation in Australia, Canada and Aotearoa/New Zealand
- Lucy Northwood.* Pots on the inland shore: Investigating the nature of Austronesian interaction in the Sepik-Ramu basin, Papua New Guinea
- Peter Petchey.* Meaning & Identity in Buildings Archaeology : The Example of Parihaka House
- Caroline Phillips.* Joining the dots: Discovering Maori gardens in the Bay of Plenty
- Rebecca Phillips, Louise Furey, Simon Holdaway, Joshua Emmitt, and Alex Jorgensen.* Understanding formation processes in NZ landscapes: A case study from Ahuahu Great Mercury Island
- Kirsty Potts.* Digging Across the Ditch: Lessons from Consulting Archaeology in Western Australia
- James Robinson.* An unknown source of obsidian has been identified in the Poor Knights Islands material culture
- Phil Ross, Bruce Mcfadgen and Huhana Smith.* Ahumoana tawhito (ancient aquaculture) and the influence of early-Māori on the distribution and dynamics of toheroa.
- Matthew Schmidt.* A retired gold miners residence and a fish hatchery
- Baylee Smith.* Challenging the agricultural model of Pā distribution: A population-adjusted spatial analysis.
- Nicholas Sutton, Glenn Summerhayes and Anne Ford.* Pots on the Move? Re-evaluating Early Papuan Pottery interaction by looking at pottery production patterns at Oposisi, Papua New Guinea.
- Monica Tromp, Jessica Stevenson, Hallie Buckley, John Dudgeon.* Not just roots and tubers: Pacific peoples and plants according to dental calculus
- Gillian Turner, Rimpby Kinger, Bruce McFadgen and Elisa Piispa.* Hangi-Magnetism: Archaeomagnetic Dating of Hangi Stones and other Fired Materials
- Rod Wallace.* The story of three stones: Evidence of paint manufacture from sites on Great Mercury Island
- Katharine Watson.* Linwood House
- Dan Witter.* Feasts in the Dunes: Midden Site M35/1111, North Canterbury

## **President's Report to the AGM**

Council have been busy as usual, as have the many volunteer members of NZAA whose work keeps the Association afloat.

The ArchSite Board of Governance have continued to come to grips with ArchSite, with much going on behind the scenes. Jackie Breen has stepped down as the DOC rep, and her place has been taken by Rachel Egerton. Andrea Farminer has taken over as Council rep from Richard Walter. As ever, our thanks to Nicola Molloy for all her sterling work as Central Filekeeper and Emma Brookes as ArchSite administrator. Beatrice Hudson and now Kathryn Hurren have handled memberships, Tim Thomas and Ethan Cochrane have edited the *Journal of Pacific Archaeology*, Jo Wylie and now Peter Petchey have edited *AINZ*, and Rebecca Philips and Emma Brooks have managed our publications, which continue to be of a high standard.

Much of Council's activity this year has been as a result of the direction given by the Strategic Plan, that was developed in consultation with you all a few years back.

During the year NZAA applied to Foundation North, the former ASB Trust, for a grant to pull together the material from the 1970s and 80s excavation of Maungataketake/Ellets Mountain, in Mangere, South Auckland. I am pleased to say we received a grant of \$25,000.00 and Ian Lawlor has agreed to take on the task and has made an excellent start, as you will have seen from the poster he put together for this conference. Once Ian has pulled together the archaeology and others have completed specialist analyses, the excavation will be reported in an NZAA Monograph. Two of the objectives of the Association in our constitution are "to initiate and to organize research into the prehistory of New Zealand" and "to increase and to disseminate information on all matters relating to, or of interest to archaeologists, and to assist in the spread of this information among the public generally." I am very pleased that we have been able to put these objectives into practice, and also pleasantly surprised at how supportive funding agencies are for this sort of project. I certainly hope this isn't the last time NZAA does something like this.

One of the Strategic Plan actions has been to update the NZAA web site, particularly to be able to handle e-commerce for memberships, publications sales, conferences and workshops; searchable digital publications and consultant's directory; and members only areas. This is being handled by Auckland web designers Quadramedia. We are hoping that this will be up

## *NZAA 2016 Conference*

and running by the end of the year, but much of the work is dependant on the aforementioned volunteers. Garry Law has agreed to continue his role as webmaster, a role he has undertaken for about as long as we have had a web presence.

The current Incorporated Societies Act dates to 1908 and Government have identified the need to update it. There won't be any major changes to the law but it will require us to change some parts of our constitution, so Council have decided to take advantage of this and have a good look at the current constitution, iron out a few anomalies that have crept in over the years and bring the language it is written in up to date. The constitution has always been seen as fit for purpose, but it is getting a bit frayed at the edges. We have formed a subcommittee to do this and Alex Jorgenson has agreed to assist. If any members are aware of any particular clauses in the constitution that need overhauling let us know.

Organising conferences is a huge amount of work and I would particularly like to thank Brooke Jamieson who has so ably led the team of Janice Adamson, papers organiser; Richard Walter, field trip organiser; and Danielle Trilford, registrations. Our thanks also go to Rangitane for hosting us and to Richard Bradley, Liz McElhinney and Wayne Abbot for all their assistance. I think you will all agree conference has been a great success and the chance to visit Wairau Bar was not one to be passed up.

Next year's conference will be held in Thames, with a somewhat, though not exclusively, industrial theme, as next year marks the 150th anniversary of the opening of the Thames goldfield. Our thanks to David Wilton, who has offered to be our man on the ground. Conference in 2018 will be a joint Australian Archaeological Association / New Zealand Archaeological Association conference in Auckland. While planning is only in the early stages I am 95% confident that it will work out so I'm bringing this to your attention well ahead of time. It will be quite a different event from our normal conferences – not in a provincial centre, with around 400 delegates, concurrent sessions and held in late November / early December.

Submissions continue to be a central role of the Association. Steve Bagley has been Council's Submissions Officer but is stepping down from Council. Steve reports that there has not been a lot of submission activity over the past year apart from the ongoing input into Auckland planning issues.

Sarah Macready and Garry Law have continued to represent us on the relevant parts of the Proposed Auckland Unitary Plan. Much of the

submission and hearing process has been completed although Garry has been recently prepared evidence and attended the Volcanic Viewshafts hearing. Both Sarah and Garry have gone well beyond the normal input we expect from members and have been strong advocates on the Association's behalf over the several years the PAUP process has been running. Many thanks to both of you. This phase of the PAUP process has now drawn to a close and the Independent Hearings Panel is due to provide its recommendations to Auckland Council in July, with Council's decision notified by August 19. Doubtless a new phase of appeals will follow, though we don't expect Sarah and Garry to continue through that phase.

I myself have submitted on the Auckland Tupuna Maunga o Tamaki Makaurau Draft Integrated Management Plan and recently attended hearings on the plan. This plan is a high level document that's sets out the rationale behind managing the 14 maunga that were gifted back to Auckland iwi by the 2014 Collective Redress Act. I also had the honour of representing the Association at the planting of the new trees on the summit of Maungakiekie / One Tree Hill two weeks ago.

In 2014 the Association made submissions in support of proposals for more comprehensive identification of 'significant sites' in the Whanganui District Plan and stronger measures for their protection. These proposals have now been accepted and approved by the Whanganui District Council. NZAA submitted in support of a plan change to have the historic Barrett Street Hospital Gates classified and listed as Category A heritage item. This has now been approved by New Plymouth District Council. Last year the Waikato Regional Heritage Forum was initiated to provide advocacy and advice on heritage matters and Alexy Simmons and Warren Gumbley have represented NZAA interests on this. Mary O'Keefe and Kevin Jones followed up and provided advice on several planning issues that arose in Wellington and Manawatu regions over the past year.

And finally, thanks to all of you for turning up at conference and supporting NZAA and New Zealand archaeology and history in your everyday endeavours.

*Matthew Campbell*  
*President*



## **Treasurer's Report 2015 Financial Year**

I am pleased once again to report to members that NZAA continues to strengthen its financial position. The following comments are to be read in conjunction with the financial statements that were pre-circulated to members.

### **STATEMENT OF FINANCIAL POSITION**

The Accounts Payable of \$8,136 (2014 \$5,955) are invoices received in December which were unpaid at the end of the year. The Accounts Receivable (\$33,321; 2014 \$26,778) reflect unpaid ArchSite subscriptions which were progressively paid in the period January to March. The decrease in Property, Plant and Equipment (\$66,312; 2014 \$96,714) reflects the depreciation of the ArchSite Upgrade. Overall, the Financial Position of the Association continues its strong growth.

### **STATEMENT OF FINANCIAL PERFORMANCE**

The General Account continues in good heart. Memberships remain relatively steady (with a decrease in domestic but an increase for overseas) and although Conference income was down, compared with the strong support the previous year for the 60<sup>th</sup>, expenditure decreased due to the greater costs for the 2014 Conference because of a more expensive venue and more events held. Other income and expenditure remained steady.

The Publications Account made a smaller loss than the previous year (\$57; 2014 \$1097) largely due to not producing a Monograph and reduced costs of production for the *Journal of Pacific Archaeology*, although *Archaeology in New Zealand* costs increased slightly.

ArchSite continues to run successfully, with increasing levels of subscriptions offsetting the drop in Search Fees. Increased expenditure is due to the depreciation of the software in line with standard practices.

### **OVERALL STATEMENT**

NZAA continues to be in good financial health, and I am pleased to report that we will be able to continue to hold membership and conference fees at their same levels for another year. In the coming year Council intends to address initiatives through the Strategic Plan to grow the organisation, as Mat has outlined in his President's report.

*Rick McGovern-Wilson*  
*Treasurer*

## Report of the Webmaster for 2015 Calendar Year

The material change to the site content in the past year has been the addition of papers from all the back issues of AINZ – formerly the Newsletter. The site sustains a Google page rank of 6. The utility of the Content Management System (CMS) to allow multiple managers is being realised but could be extended to others.

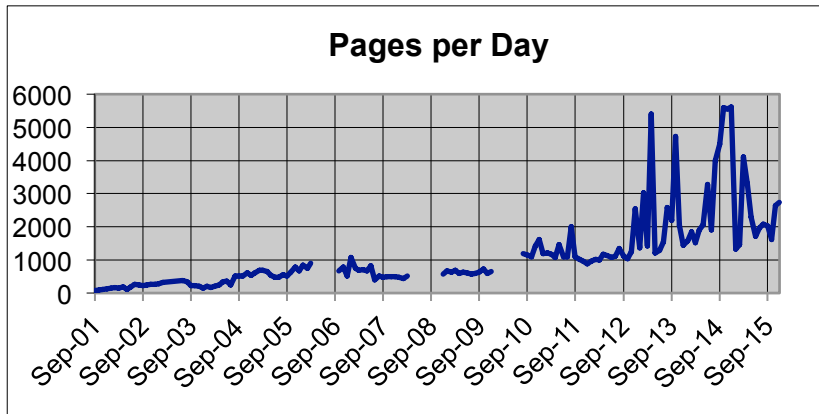
### Statistics

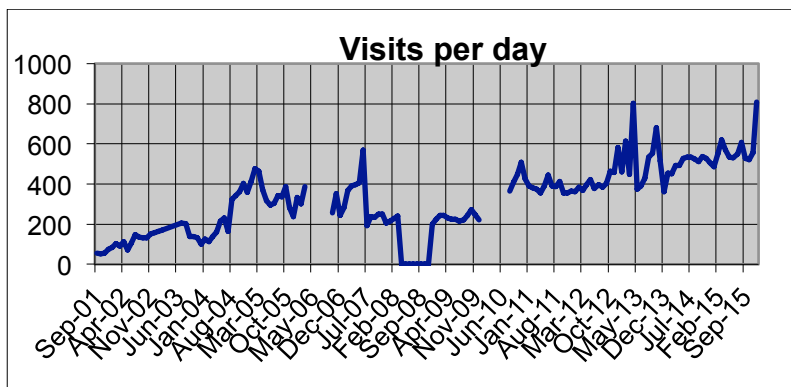
The visitor totals for the past 5 years are shown below. We do not have complete records for 2010 due to the former ISP becoming insolvent and suddenly ceasing service.

	2015	2014	2013	2012	2011	2010
Hits	1,832,045	2,076,439	1,641,531	1,167,520	1,277,738	1,158,000*
Pages	831,211	1,197,848	854,233	450,647	428,851	334,000*
Visits	209,018	185,491	186,779	152,748	138,757	115,000*

\* Estimated using 2009 figures for the missing months.

The pages and hits have declined this year, but visits are at a new high.





**Referrers:** Our most frequent referrer is [google.co.nz](http://google.co.nz). BlogSpot is next – where the blog for the eNews is hosted.

**eNews:** ([groups.yahoo.com/neo/groups/nzaawebsubscribers/info](http://groups.yahoo.com/neo/groups/nzaawebsubscribers/info)) There are 611 subscribers to the email newsletter which appeared 56 times this year. Subscriptions to the eNews are up slightly, There were 650 separate news items.

**Flipboard NZ Archaeology Magazine:** ([flipboard.com/section/nz-archaeology-magazine-bynb21](http://flipboard.com/section/nz-archaeology-magazine-bynb21)) This venture is now in its third year. It is a more graphic than the eNews but is not emailed. While it overlaps in content with the eNews it takes a more global view. Its page rank is a modest 2.

**Archaeopedia:** ([archaeopedia.com](http://archaeopedia.com)) Archaeopedia.com is a related site with many links back to the NZAA site and largely complements it. Its 2015 page views were 791,500, well up from the previous year (488,526). Its page rank is steady at 4. The content is relatively static.

**Facebook Page:** The NZAA Facebook page has 495 fans of whom 61% are New Zealand resident, 61% are women and the modal age is 25-34. Posts are modest in number and engagement likewise.

Thanks To Simon Bickler who has been a great resource for the websites in the past year, as before and continues to host [nzrchaology.org](http://nzrchaology.org) and Archaeopedia.

*Garry Law*

## **Journal of Pacific Archaeology**

2016 marks the seventh year of production for the JPA. The Journal has maintained a good international readership, with a steady number of individual and institutional subscriptions. We consistently publish two issues a year, and continue to receive just enough submissions to maintain this rate. This is helped somewhat by occasionally publishing special issues. However, NZAA members should be encouraged to submit articles or research reports to the Journal, especially on topics related to New Zealand archaeology. It is very rare for articles to be rejected outright, and most submissions get through peer review and into publication in the next available issue.

There has been some staff turnover during the past year or two. Ethan Cochrane (University of Auckland) has taken on the role of assistant editor, after a long period of there being no one in that role. Emma Brooks, who was the business manager (responsible for subscriptions and mailout), stepped down in February at short notice. Rebecca Phillips (University of Auckland) has now taken on this role, with Dylan Gaffney (Otago) handling mailout. There was a delay in subscription matters and mailing the first issue of 2016 due to the changeover in personnel. Rebecca and Dylan put in a lot of work getting up to speed on the production systems and are to be thanked for their efforts.

Les O'Neill (Otago) continues to typeset the journal and organise the printing. He is responsible for the excellent design, layout and consistent production quality of every issue, and spends a lot of time on these tasks in addition to his regular duties at the University. Thank you Les.

I would also like to thank all of the many peer reviewers for their contribution to the quality of the journal, and the group of authors who continue to support us by submitting fascinating research.

*Tim Thomas (University of Otago)*  
*Editor JPA*