

Memoirs of the Queensland Museum | **culture**

Volume 9

**Pandora Project Stage 2:  
four more seasons of excavation  
at the Pandora historic  
shipwreck**

by Peter Gesner

**Minister:** Anastacia Palaszcuk MP, Premier and Minister for the Arts

**CEO:** Suzanne Miller, BSc(Hons), PhD, FGS, FMinSoc, FAIMM, FGSA, FRSSA

**Editor in Chief:** J.N.A. Hooper, PhD

**Issue Editor:** Geraldine Mate, PhD

© Queensland Museum  
PO Box 3300, South Brisbane 4101, Australia  
Phone: +61 (0) 7 3840 7555  
Fax: +61 (0) 7 3846 1226  
Web: [qm.qld.gov.au](http://qm.qld.gov.au)

National Library of Australia card number  
ISSN 2205-3220

#### COVER

Cover image: Ship-remains/photomosaic. Queensland Museum.

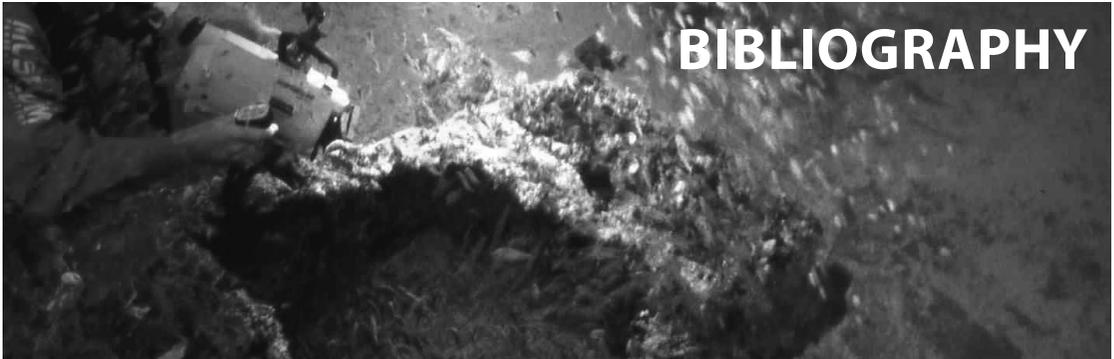
#### NOTE

Papers published in this volume and in all previous volumes of the *Memoirs of the Queensland Museum* may be reproduced for scientific research, individual study or other educational purposes. Properly acknowledged quotations may be made but queries regarding the republication of any papers should be addressed to the CEO. Copies of the journal can be purchased from the Queensland Museum Shop.

A Guide to Authors is displayed on the Queensland Museum website [qm.qld.gov.au](http://qm.qld.gov.au)

#### **A Queensland Government Project**

Design and Layout: Tanya Edbrooke, Queensland Museum  
Printed by Watson, Ferguson & Company



# BIBLIOGRAPHY

## Primary sources

- ADMIRALTY ADM. 2/120 (NA Kew)
- ADMIRALTY ADM. 168/147: Specification for a 24 gun ship. (NA, Kew).
- ADMIRALTY MS 180 Edwards' papers (RN Museum Portsmouth).
- ADMIRALTY ADM. A/2831 Captain Edwards orders (NA, Kew).
- ADMIRALTY ADM. 36/11136 HMS Pandora Muster-book (NA, Kew).
- ADMIRALTY ADM. 35/1360 HMS Pandora 1790-92 Pay book (NA, Kew).
- ADMIRALTY ADM. 106/1317 In letters from naval officers. (NA, Kew).

## Bibliography

- ALEXANDER, C. 2003. *The Bounty: the true story of the Mutiny on the Bounty*. (Viking/ Penguin Books).
- ASHDOWN, J. 1972. Oil Jars. *International Journal of Nautical Archaeology* 1(2):147-153.
- BACH, J (Ed) 1987. *The Bligh Notebook* (Allen & Unwin, Sydney 1987) .
- BARROW, T. 1972. *Art and Life in Polynesia*. (A.H. & W. Reed: Wellington).
- BARROW, T. 1979. *The Art of Tahiti*. (Thames & Hudson: London).
- BEAGLEHOLE, J.C. (Ed) 1968. *The Journals of Captain James Cook: the voyage of the Endeavour, 1769-71* (Cambridge University Press, Cambridge 1968).
- BENNION, E. 1979. *Antique Medical Instruments*. (Sotheby Parke Bernet: London).
- BERG, M 2005. *Luxury & Pleasure in Eighteenth Century Britain* (Oxford University Press, Oxford)
- BLANCKLEY, T. R., 1750. *A Naval Expositor, Shewing and Explaining the Words and Terms of Art belonging to the Parts, Qualities, and proportions of Building, Rigging, Furnishing, & Fitting a Ship for Sea*. (Owen, Warwick Lane) (Facsimile edition published by Jean Boudriot Publications, 1988).
- BOUND, M. (Ed) 1998. Excavating ships of war, *International Maritime Archaeology Series*, 2 (Anthony Nelson, Oswestry, Shropshire).
- BREARS, P. 1992. Commercial museums of eighteenth century Cumbria. *Journal of the History of Collecting* 4.1 .
- BRUIJN, J.R., GAASTRA, F.S. & SCHOFFER, I., 1979. *Dutch-Asiatic shipping in the 17th & 18th centuries. Volume III. Homeward-bound voyages from Asia and the Cape to the Netherlands (1597-1795)*. Rijks Geschiedkundige Publicaties. (Martinus Nijhoff: The Hague).
- CAMPBELL, J. 1997. Eighteenth century wooden clubs from HMS Pandora: a preliminary analysis. *Bulletin of the Australian Institute for Maritime Archaeology*, 21 (1&2): 1-8 .
- CAMPBELL, J & GESNER, P. 2000. Illustrated catalogue of artefacts from the HMS Pandora wrecksite excavations 1977-95 *Memoirs of the Queensland Museum, Cultural Heritage Series*, Vol 2 part 1 (Queensland Museum, Brisbane).
- CARPENTER, J. 1985. A watch from HMS Pandora. *Antiquarian Horology*. 15 (6): 560-601.
- CARTER, R.M. & HOOPER, K. 1993. Shallow seismic survey of the Pandora wreck site, pp. 37-51 in Gesner, P. 1993 (ed.) *Managing Pandora's Box* (Unpublished report, Queensland Museum).
- COLEMAN, R.A. 1988a. A Taylor's Common Pump from the Pandora. *International Journal of Nautical Archaeology*. 17(3): 201-04.
- COLEMAN, R.A. 1988b. The currency of cultural change and 18th century Pacific exploration. *Bulletin of the Australian Institute for Maritime Archaeology*, 12 (1): 37-45.

- COLEMAN, R.A. 2004. Olive 'oyl' and the 18th Century Royal Navy: an archaeological study, *The Age of Sail*, vol.2, 2004, pp. 128-143 (Conway Maritime Press).
- COLEMAN, R.A. & PORTER, A.R.D., 2007. 'The So-called Spanish Jars of Jamaica: and their Italian Connection', *Jamaica Journal*, 30 (3):50-61.
- COOPER, W. 1835. *A crown glass cutter and glazier's manual*. (Edinburgh, Oliver & Boyd).
- COYSH, A.W. & HENRYWOOD, R.K. 1982. The Dictionary of Blue and White Printed Pottery 1780 - 1880. (Antique Collector's Club: Woodbridge, UK).
- CRANSTONE, B.A.L., & GOWERS, H.J. 1968. The Tahitian mourner's dress: a discovery and description. *British Museum Quarterly* 32(3/4): 138-44.
- CREATIVE NATION, 1994. Commonwealth Cultural Policy Report. (Dept. Communications & the Arts: Canberra).
- DAWSON, L.S. 1885. Memoirs of Hydrography: including brief biographies of the Principal Officers who have served in H.M. Naval Surveying Service between the years 1750 and 1885. In *H M Naval Surveying Service* (Keays, Eastbourne).
- DE LACY, G. 1997. Plagiarism on the Bounty, a note on the composition of Morrison's Journal. *Mariner's Mirror* 83 (1):84-89.
- DELANEY, W. 1989. An examination of gunflints recovered from the La Perouse shipwrecks, *L'Astrolabe and La Boussole. The International Journal of Nautical Archaeology* 18(2):113-122.
- DENING, G. 1992. *Mr Bligh's Bad Language: passion, power and theatre on the Bounty* (Cambridge University Press: Cambridge).
- DILLON, P. 1829. Narrative of La Perouse's Expedition, *Bibliotheca Australiana* 53. (N. Israel: Amsterdam 1972).
- DILLON, W. H. 1953. *A narrative of my professional adventures (1790-1839) Volume 1*; Michael A Lewis (Ed) Publications of the Navy Records Society (Vol XCIII) (Spottiswoode, Ballantyne: London).
- DU RIETZ, R.E. 1986. *Peter Heywood's Tahitian vocabulary and the Narrative by James Morrison; some notes on their origin and history*. (Banksia 3, Dahlia Books: Uppsala).
- DUFF, R.S. 1959. Neolithic Adzes of Eastern Polynesia. In Freeman J.D., & Geddes W.R. (Eds) *Anthropology in the South Seas: essays presented to H.D. Skinner*. (Avery & Sons: New Plymouth).
- DUUREN, D. & VAN MOSTERT, T. 2007. *Curiosities from the Pacific Ocean: a remarkable discovery in the Tropenmuseum, Amsterdam of thirteen ethnographic objects from the Bruny d'Entrecasteaux Expedition (1791-1794)*. (Tropenmuseum Amsterdam /Leiden).
- EDGE-PARTINGTON, J. 1996. *Ethnographical Album of the Pacific Islands*. (Second edition expanded and edited by Bruce I. Miller), (SDI Publications, Bangkok) Originally published as '*An Album of the Weapons, Tools, Ornaments, Articles of Dress etc. of the Natives of the Pacific Islands, drawn and described from examples in public & private collections in England by James Edge-Partington*'. Issued for private circulation in 1890).
- ELKIN, D., ARGUESO, A., GROSSO, M., MURRAY, C., VAINSTUB, D., BASTIDA, R. & DELLINO-MUSGRAVE, V. 2007. Archaeological research on HMS Swift a British Sloop-of-War lost off Patagonia, Southern Argentina, in 1970. *The International Journal of Nautical Archaeology* (2007) 36.1: 32-58.
- ELKIN, D., ARGUESO, A., GROSSO, M., MURRAY, C., VAINSTUB, D., BASTIDA, R., UNDERWOOD, C. & CIARLI, N. 2011. *El Naufragio de la HMS Swift -1770: arqueologia maritima en la Patagonia*. (Vazquez Mazzini Ediciones/Buenos Aires).
- FALCONER, W. 1815. *New Dictionary of the Marine*. (Improved and Enlarged by William Burney). Reprinted 1970. (Macdonald and Jane's: London).
- FARMER, D. & FARMER, C. 1989. *The Kings Bread: 2nd rising, cooking at Niagara 1726 1815*. (Old Fort Niagara Association Inc: Youngstown, New York).
- FALLOWFIELD, T. 2001. Polynesian fishing implements from the wreck of HMS Pandora. *The Bulletin of the Australasian Institute for Maritime Archaeology*, 25: 5-28.
- FRANCIS, P. 2001. *A pottery by the Lagan: Irish creamware from the Downshire China manufactory, Belfast, 1787 - c.1806*. (Institute of Irish Studies, Queen's University, Belfast).
- GALL, J. 2010. *In Bligh's hand: surviving the mutiny on the Bounty* (National Library of Australia. Canberra).
- GENET, N., VERMETTE, L. & DECAIRE-AUDET, L. 1974. *Les objets familiers de nos ancêtres*. (Les Editions de l'homme: Montreal).
- GESNER, P. 1988. The Pandora project: reviewing genesis and rationale. *The Bulletin of the Australian Institute for Maritime Archaeology*. 12(1): 27-36.
- GESNER, P. 1991. Pandora: an archaeological perspective. (Queensland Museum, Brisbane).
- GESNER, P. 1993. Managing Pandora's Box; report on the 1993 Pandora expedition. Report to the Queensland Museum Board. (Unpublished report, Queensland Museum, Brisbane).

- GESNER, P. 1997. HMS *Pandora*, pp. 305-07 In Delgado, J. (Ed) *British Museum Encyclopaedia of Underwater & Maritime Archaeology* (British Museum Press, London).
- GESNER, P. 1998. Managing *Pandora's* Box: an exercise in eco-archaeometry, Pp. 230-236 In Bound, Mensun (Ed) *Excavating ships of war (International Maritime Archaeology Series, 2)* Anthony Nelson: Oswestry, Shropshire).
- GESNER, P. 2000a. *Pandora: an archaeological perspective*. 2nd Edition. (Queensland Museum, Brisbane).
- GESNER, P. 2000b. HMS *Pandora* Project – a report on Stage 1: Five seasons of excavation. *Memoirs of the Queensland Museum, Cultural Heritage Series, 2*(1), (Queensland Museum, Brisbane).
- GESNER, P. 2005 Riches from the *Pandora*; a selection of 500 objects recovered from the *Pandora* historic shipwreck 1995-1999' (Commemorative Pandora Foundation CD, Queensland Museum, Brisbane).
- GESNER, P. 2007a. HMS *Pandora*: the ship sent to find the Bounty mutineers. In Fagan. B. (Ed) *Discovery! Unearthing the new treasures of Archaeology* (Thames & Hudson, London).
- GESNER, P. 2007b. HMS *Pandora*, 1791. In Michael Nash (Ed) *Shipwreck Archaeology in Australia* (University of Western Australia Press: Crawley).
- GODDEN, G. 1965. *An illustrated encyclopaedia of British Pottery and Porcelain*. (Barrie & Jenkins: London).
- GODDEN, G. 1969. *Caughley and Worcester Porcelains, 1775-1800*. (Praeger: New York).
- GREAT BARRIER REEF MARINE PARK AUTHORITY. 1985. *Far Northern Section Zoning Plan, BRA Q102*, August 1985 (Commonwealth of Australia, ISBN 0-642-52433-5).
- GREEN, J.N. 1990. *Maritime Archaeology: a technical handbook* (Academic Press, London).
- GREEN, J.N. & SOUTER, C. 1999. Application of the HPASS (High Precision Acoustic Surveying System) to the *Pandora* archaeological project. *Bulletin of the Australian Institute for Maritime Archaeology*, 23: 75-78.
- GUTHRIE, J.N., BLACKALL, L., MORIARTY, D., & GESNER, P. 1994. Wrecks and marine microbiology: a case study from the *Pandora*. *The Bulletin of the Australian Institute for Maritime Archaeology* 18 (2):19-24.
- GUTHRIE, J.N. BLACKALL, L., MORIARTY, D., NICHOLS, P.D. 1996. Decomposers of shipwreck *Pandora*, *Microbiology Australia*, 17:17-19.
- GUTHRIE, J.N., 2002. The microbial ecology of the marine sediments surrounding HMS *Pandora*. PhD thesis, Dept of Microbiology and Parasitology, University of Queensland, St Lucia.
- HAMILTON, G. 1998. *A voyage round the world in His Majesty's frigate Pandora* / by George Hamilton; first printed in 1793, reissued with a foreword by Alex Allen and an essay by Peter Gesner. (Hordern House: Sydney).
- HAUSER-SCHÄUBLIN, B. & KRÜGER, G. 1998. *James Cook: gifts and treasures from the South Seas (The Cook/Forster Collection, Göttingen)*. (Prestel Verlag, Munich).
- HENDERSON, G. 1979. Report to the Department of Home Affairs & Environment on the 1979 Expedition to establish the identity and archaeological potential of the *Pandora* wreck. (Unpublished report: Dept. Maritime Archaeology, Western Australian Maritime Museum).
- HENDERSON, G. 1984. Aspects of the 1983 HMS *Pandora* Excavation. *The Bulletin of the Australian Institute for Maritime Archaeology* 8 (2):10-24.
- HENDERSON, G. 1986. *Maritime Archaeology in Australia*. (University of Western Australia Press: Perth).
- HIROA TE RANGI (BUCK, P. H.) 1930. Samoan Material Culture, *Bernice P. Bishop Museum Bulletin* 75. (Bernice P. Bishop Museum: Honolulu).
- HOARE, M. (Ed) 1982. *The Resolution Journal of Johann Reinhold Forster, 1772-75*. (The Hakluyt Society: London).
- HOLMES, C. (Ed) 1982. *Captain Cook's final voyage: the journal of midshipman George Gilbert*. (Caliban Books: Coulston, ACT).
- HOOPER, S. 2006. *Pacific Encounters: art & divinity in Polynesia 1760-1860*. (British Museum Press, London).
- HORSBURGH, J. 1817. *India directory, or, Directions for sailing to and from the East Indies, China, New Holland, Cape of Good Hope, Brazil, and the interjacent ports*. Vol 2 (London 1817).
- HOWSE, D. (Ed) 1990. *Background to Discovery: Pacific exploration from Dampier to Cook*. (University of California Press: Berkeley).
- HUGHES, R. 1987. *The Fatal Shore*. (Penguin, Harmondsworth).
- HUNTER, J.W. 2004. The Phinney Site: the Remains of an American Armed Vessel Scuttled during the Penobscot Expedition of 1779. *International Journal of Nautical Archaeology* 33(1):67-78.
- ILLIDGE, P. 2002. The Tahitian mourner's costume from HMS *Pandora*. *The Bulletin of the*

- Australasian Institute for Maritime Archaeology*, 26: 65-75.
- ILLIDGE, P., COLEMAN, D. & MANN, A. 2014. The recovery and laboratory excavation of the contents of a Georgian olive oil jar from the wreck of HMS *Pandora*. *Bulletin of the Australasian Institute for Maritime Archaeology* 38: 82-92.
- JAMES, W. 1886. *The naval history of Great Britain, from the declaration of war by France in 1793, to the accession of George IV : A new ed., with additions and notes, bringing the work down to 1827.* (R. Bentley: London).
- JONES, O. 1986. *Cylindrical English Wine & Beer Bottles.* (Parks Canada: Ottawa).
- JONES, O. & SMITH, A. 1985. *Glass of the British Military, ca. 1755-1820.* (Parks Canada: Ottawa).
- JONES, O. & SULLIVAN, C. 1985. *Glass Glossary for the description of containers, tableware, flat glass and closures.* (National Historic Parks and Site Branch: Parks Canada: Ottawa).
- KAEPLER, A.L. 1978. *Artificial Curiosities: An exposition of native manufactures, collected on the three voyages of Captain James Cook R.N.* Bernice Bishop Museum Special Publication. (Bishop Museum Press: Honolulu, Hawaii).
- KARKLINS, K. 1985. Glass Beads. The Levin Catalogue of mid-19th century beads; a sample book of 19th Century Venetian beads. Guide to the Description and Classification of Glass Beads. *Studies in Archaeology. Architecture and History.* (National Historic Parks & Sites Branch, Parks Canada: Ottawa).
- KENDRICK, J. 1989. Spruce beer and the battle against scurvy. *Argonautica, Newsletter of the Canadian Nautical Research Society* 4(4).
- KENIHAN, G. (ed.) 1990. *George Hamilton: A Voyage round the world in H M Frigate Pandora* (William Torrens, Adelaide).
- KENNARD, A.N. 1988. *Gunfounding and Gunfounders: a directory of cannon founders from earliest times to 1850.* (Arms and Armour Press: London).
- KENNEDY, G. 1989. *Captain Bligh, the man and his mutinies* (Duckworth: London).
- KIST, B., GAWRONSKI, J. & STOKVIS-VAN BOETZELAER, O. 1992. *Hollandia Compendium.* (Elsevier Science Publishers: Amsterdam).
- LAVERY, B. 1984. *The Ship of the Line.* Volume 2: *Design, Construction and Fittings.* (Conway Maritime Press: London).
- LAVERY, B. 1987. *The arming and fitting of English ships of war 1600-1815.* (Conway Maritime Press, London).
- LAVERY, B. 1988. *The Royal Navy's first Invincible.* (Invincible Conservations: Portsmouth).
- LAVERY, B. 1989. *Nelson's Navy* (Conway Maritime Press: London).
- LITCHFIELD, F. 1971. *Pottery & Porcelain*, 6th edition. (Adam & Charles Black: London).
- LOTBINIERE, S. de, 1984. Gunflint Recognition, *International Journal of Nautical Archaeology*. 13(2):206-209.
- MACARTHUR, A. 1997. *His Majesty's Bark Endeavour; the story of the ship and her people* (Harper Collins: Sydney).
- MACLEOD, R. & REHBOCK, P.F. 1988. *Nature in its Greatest Extent; western science in the Pacific.* (University of Hawaii Press: Honolulu).
- MARSHALL, J. 1825. *Royal naval biography: of Peter Heywood, esq., one of the survivors of the mutiny on the Bounty.* First printed in London in 1825. (G. R. Gorman: New York).
- MARSHALL, J. 1829-35. Index to the entries Royal Navy Biography (London).
- MARTIN, J. 1991. *Escape from Botany Bay: 'Memorandums'* (Mulini Press, Canberra).
- MAUDE, H.E. 1964. The Voyage of the Pandora's tender. *Mariner's Mirror* 50 (3): 217-235.
- MAY, W.E. & ANNIS, P.G.W. 1970. *Swords for Sea Service.* (Her Majesty's Stationary Office: London).
- MCCAFFERTY, M. 1988. Direct Linear Transformation, a case study based on HMS Pandora. *The Bulletin of the Australian Institute for Maritime Archaeology* 12(1):51-55.
- MCCARTHY, M. 1983. Ships fastenings: a preliminary study. *The Bulletin of the Australian Institute of Maritime Archaeology* 7(1):28-34.
- MCCARTHY, M. 1996. Ship's fastenings: a preliminary study revisited. *The International Journal of Nautical Archaeology* 25(3 and 4): 177-206.
- MCEWAN, W.A. & LEWIS, A.H. 1953. *Encyclopaedia of Nautical Knowledge.* (Cornell Maritime Press: Centreville, Maryland).
- MCKAY, J. & COLEMAN, R. 1992. *The 24 gun frigate Pandora.* (Conway Maritime Press: London).
- MILLER, G. L. 1980. Classification and economic scaling of 19th century ceramics. *Historical Archaeology* 14:1-40.
- MORTIMER, G. 1791. *Observation and remarks made during a voyage to the islands of Teneriffe, Amsterdam, Maria's Island near Van Diemen's Land, Otaheite, Sandwich Islands, Owhyhee, the Fox Islands on the north west coast of America, Tinian, and from*

- then to Canton in the brig Mercury commanded by John Henry Cox. (T. Cadell: London).
- MURRAY, C. 1993. *Corbeta de Guerra H.M.S. Swift, 1763: historia, naufragio, rescate y conservación*. (Comité Argentino del ICOMOS: Buenos Aires).
- NICOLAS, N. 1846. *The Dispatches and Letters of Vice Admiral Lord Viscount Nelson, with notes* (London, H. Colburn: London).
- NEUMANN, G.C. & KRAVIC, F.J. 1975. *Collector's Illustrated Encyclopaedia of the American Revolution*. (Rebel Publishing Co., Inc.: Texarkana, Texas).
- NOEL HUME, I. 1985. *A Guide to Artifacts of Colonial America*. (Alfred Knopf: New York).
- OERTLING T.J. 1982. The Chain Pump: an 18th century example. *The International Journal of Nautical Archaeology and Underwater Exploration* 11.(2):113-124.
- OLIVER, D. 1988. *Return to Tahiti, Bligh's second breadfruit voyage*. (Melbourne University Press: Melbourne).
- PARKER, M. A. 1795. *A Voyage Round the World in the Gorgon, Man of War*, (Facsimile edition published by Hordern House Rare Books, Australian Maritime Series, 1991: Sydney).
- PHELPS, S. 1976. *Art and Artefacts of the Pacific, Africa and the Americas*. The James Hooper Collection. (Hutchinson: London).
- PIGGOTT, L. 1995. The surgeon's equipment from HMS Pandora. *Bulletin of the Australian Institute for Maritime Archaeology* 19(1): 23-28.
- POULSEN, N J. 1969. Shell Artifacts in Oceania: their distribution and their significance. In Green, R. C. & Kelly, M. (Eds.) *Studies in Oceanic Culture* 1. Pacific Anthropological Series, Department of Anthropology, University of Hawaii, 1969. Archaeological Association 23, 1969 series 3.
- QUARM, R. 1995. An album of drawings by Gabriel Bray RN, HMS Pallas, 1774-5. *Mariner's Mirror* 81(1): 32-44.
- REILLY, R. 1995. *Wedgwood; the new illustrated dictionary* (Antique Collectors' Club: Woodbridge, Suffolk, UK).
- REYNOLDS, J. 1996. *The last survivor*. Pandora's Post box 2: 6 Newsletter from the Queensland Museum's Pandora Project Team. (Queensland Museum: Brisbane).
- RODGER, N.A.M. 1986 *The Wooden World: an anatomy of the Georgian Navy*. (Collins: London).
- RODGER, N.A.M. 2004. *The Command of the Ocean* (Penguin Books, in association with the National Maritime Museum, Harmondsworth)
- ROWLETT, R. 2004. *How many? A dictionary of units and measurements* (University of North Carolina) <http://www.unc.edu/~rowlett/units/custom.html>.
- RUTTER, O. (Ed) 1935. *The Journal of James Morrison, bosun's mate of the Bounty*. (Golden Cockerell Press: London).
- SALMOND, A. 2004. *The Trial of the Cannibal Dog: Captain Cook in the South Pacific* (Penguin, Harmondsworth).
- SALMOND, A. 2011. *Bligh: William Bligh in the South Pacific*. (Penguin Group, Auckland, New Zealand).
- SEABY, H. A. 1966. *Standard Catalogue of British Coins*. (B.A. Seaby Ltd, London).
- ST.CARTMAIL, K. 1997. *The art of Tonga ('Ko e ngaahi' aati' o Tonga)*. (University of Hawai'i Press, Honolulu).
- SCHIFFER, P. SCHIFFER N. & SCHIFFER H. 1978. *The Brass Book: American, English and European, fifteenth century through 1850*. (Schiffer Publishing Company, Exton: Pennsylvania).
- SILVERTHORNE, H. 1936. *Society Islands Pounds*. Occasional Papers, XI (17). (Bernice P. Bishop Museum: Honolulu).
- STANBURY, M. & GREEN, J., (eds) with SLEDGE, S., COLEMAN, R., & CLARK, N. 2004. *LaPérouse and the loss of the Astrolabe and the Boussole, 1788*. Special Publication (Australasian Institute for Maritime Archaeology: Freemantle).
- SMITH, B. 1992. *Imagining the Pacific: in the wake of the Cook voyages* (Melbourne University Press: Melbourne).
- STANBURY, M. & MACLEOD, I. 1988. Colonies, convicts and filtering stones: roads to solutions. *Bulletin of the Australian Institute for Maritime Archaeology* 12 (2):1-10.
- STANBURY, M. 1994. *HMS Sirius 1790; an illustrated catalogue of artefacts recovered from the wreck site on Norfolk Island*. Special Publication 7. (Australasian Institute for Maritime Archaeology: Freemantle).
- STANFORTH, M. & NASH, M. 1998. *Chinese export porcelain from the Sydney Cove (1797)*. Special Publication 12. (The Australasian Institute for Maritime Archaeology: Fremantle).
- STEEL, D. 1805. *The Elements and Practice of Naval Architecture* (Reprinted 1977) (Sim Comfort Associates: London).
- SULLIVAN, J.A. 1979. The distillation and purification of water at sea. *Mariners' Mirror* 65 (2).
- SULLIVAN, C. 1986. *Legacy of the Machault. National Historic Parks & Sites Branch*. (Parks Canada: Ottawa).

SYRETT, D. & NIARDO, R.L. (Eds.) 1994. *The commissioned sea officers of the Royal Navy, 1660-1815*. Naval Records Society. (Scolar Press: London).

TAGART, E. 1832. *Memoir of the late Captain Peter Heywood R.N.* (Effingham Wilson: London).

TEISEN, M. 1998. The loss of HMS St George. In BOUND, M. (Ed) *Excavating Ships of War*. International Maritime Archaeology Series (2:258-68) (Anthony Nelson: Oswestry).

THOMAS, N. 1995. *Oceanic Art* (Thames & Hudson: London).

THOMAS, N. & BERGHOF, O. 2000. (eds) *George Forster 1777: A Voyage around the World*. (University of Hawai'i Press: Honolulu).

TURNER, L. & ESTRANGE G. 1980. *Antique Scientific Instruments*. (Blandford Press: Poole).

WARD, I.A.K, LARSCOMBE, P. & VETH, P. 1998. Towards New Process-oriented Models for Describing Wreck Disintegration: an example using the *Pandora* wreck. *Bulletin of the Australasian Institute for Maritime Archaeology*. 22 (1):109-115 - find other

WARD, I.A.K., LARCOMBE, P., BRINKMAN, R. & CARTER, R.M. 1999. Sedimentary processes and the *Pandora* wreck, Great Barrier Reef, Australia. *Journal of Field Archaeology*, (26:41-53).

WATNEY, A. 1973. *English Blue & White Porcelain of the 18th Century*. (Faber & Faber: London).

WOOD, W.B. & HODGSON, P. 1996. The skeleton from the wreck of HMS Pandora. Pp 304-307. In Covacevich, J., Pearn, J., Case, D., Chapple, I. & Philips, G. (eds). *History, Heritage & Health; proceedings of the Fourth Biennial Conference of the Australian Society of the History of Medicine*. (The Australian Society of the History of Medicine: Brisbane).

WYNTER, H. & TURNER, A. 1975. *Scientific Instruments*. (Studio Vista: London).

UNITED SERVICES MAGAZINE, 1843. The Pandora Again! *United Services Magazine and Naval and Military journal* 172: 411- 420. (London).