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## Torres Strait Islanders: The 9000-year history of a maritime people

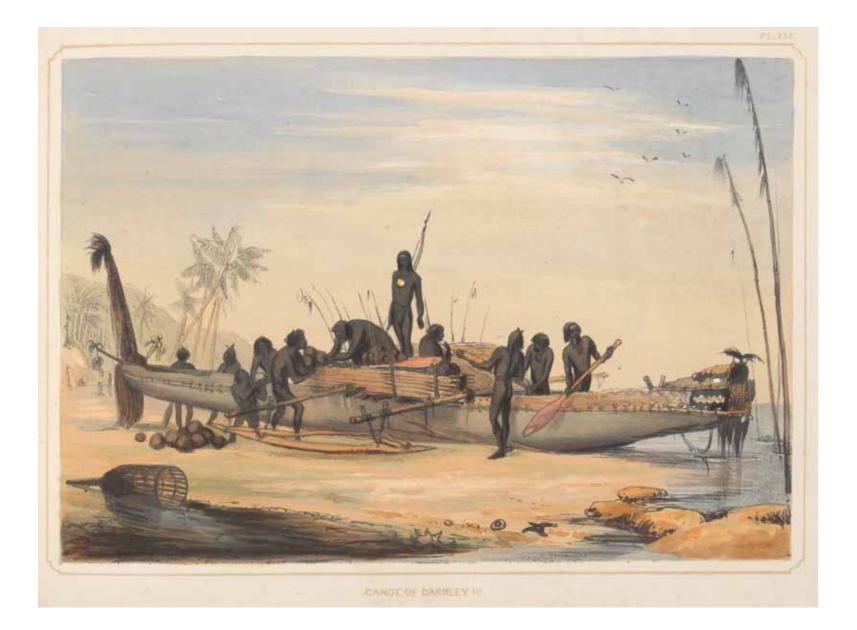
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lan J McNiven

HS Melville / A canoe on the beach at Erub (Darnley) Island, eastern Torres Strait, 1840s, plate XIX of Sketches in Australia and the Adjacent Islands, Selected from a Number Taken During the Surveyin Voyage of HMS 'Fly' and 'Bramble' Under the Command of Capt. FP Blackwood, RN, During the Years 1842-46, Dickinson and Co, London, nd (c.1849).

Torres Strait Islander society at the time of LMS contact provides a starting point from which we can understand both older and more recent historical developments. Four major groups of Torres Strait Islanders are recognised – Eastern (Meriam), Central (Kulkulgal), Western (Maluilgal) and Top Western (Guda Maluilgal). Kaurareg Aboriginal people are the traditional owners of south-west Torres Strait, adjacent to Cape York. Each group comprises a number of residential island communities and their surrounding territorial waters. Western and Eastern Islanders live on rocky islands, while the Top Western peoples live mostly on low-lying, muddy islands and Central Islanders inhabit sandy cays. Early Torres

## TORRES STRAIT ISLANDERS: THE 9000-YEAR HISTORY OF A MARITIME PEOPLE

Torres Strait Islanders are a maritime people comprising numerous communities and sea territories. It was into this marine realm that missionaries from the London Missionary Society (LMS) ventured on 1 July 1871. Appreciating the special challenges of tropical island life, the LMS used their own western Pacific Christian converts, who were also sea people, to join Torres Strait Islander communities and spread the Gospel. But who were these islanders, living across an archipelago that stretched 150 kilometres between Melanesian New Guinea to the north and mainland Aboriginal Australia to the south? From accounts of earlier voyagers, the LMS knew Torres Strait Islanders were a force to be reckoned with. While the LMS preached biblical accounts of the history of man, Torres Strait Islanders already had their own history and legendary stories of creation and accomplishment. Today, this rich oral history is complemented by archaeological evidence of major developments in Torres Strait Islander society, from 9000 years ago and in the history of the past 140 years of colonial occupation, including struggles for autonomy and self-determination. The following text charts this story.

Strait Islander communities were linked, as they are today, by complex trade networks and intermarriage that also involved the adjacent Australian and New Guinean mainlands.<sup>1</sup> These maritime links were facilitated by huge, double-outrigger sailing canoes, the dugout hulls of which were imported from New Guinea. Yet, not all interactions were peaceful, and there are numerous legendary stories recounting headhunting raids (skulls have an important ceremonial role in traditional society) by warriors armed with stone-headed clubs and bows and arrows.<sup>2</sup>

Torres Strait Islander subsistence was based on the bountiful supply of foods available from the sea, a focus emphasised by a lack of terrestrial animals to hunt. Turtles and dugongs – key sources of protein – were obtained by men thrusting harpoons (*wap*) from canoes and reef platforms. Inshore reef fishing (mostly using spears and scoop nets) and gleaning for shellfish was undertaken mainly by women, children and older folk at low tide. More than 450 species of marine animals were eaten.<sup>3</sup>

In the past, most Torres Strait Islander communities were horticultural like their New Guinean neighbours. Employing swidden (slash-and-burn) agriculture and sometimes constructing raised garden beds, the Islanders grew bananas, yams, sweet potato, sugar cane, taro and tobacco.<sup>4</sup> Collecting wild plant foods was more important among the Kaurareg, a people who had much in common with Aboriginal hunter-gatherers of nearby mainland Australia.<sup>5</sup> Food was brought back to share with other community members in villages and was cooked in ground ovens. Intensive gardening is no longer practised by most Islander communities and, today, garden produce tends to supplement diets as most vegetable foods are purchased from local stores.





A village on Erub (Darnley) Island, eastern Torres Strait, 1840s, plate XVII of HS Melville's Sketches in Australia and the Adjacent Islands, nd (c. 1849).

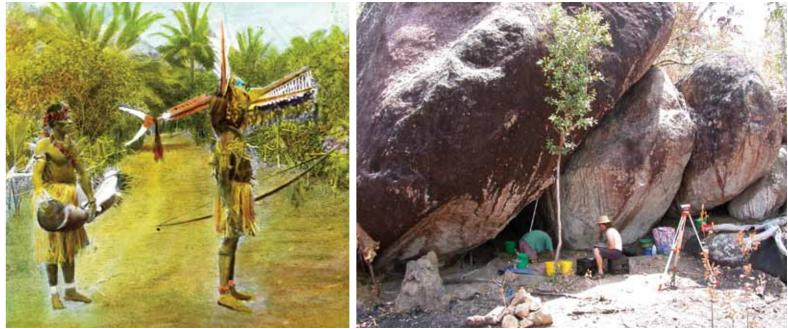
Group of people tending to a ground oven, Mer, 1898 / Photograph: Anthony Wilkin, Cambridge Anthropological Expedition to Torres Straits / Reproduced by permission of Cambridge University Museum of Archaeology and Anthropology, N.23178.ACH2

Opposite Warup (Drum) Wood, shell and cassowary feathers Erub (Darnley Island), Torres Strait E126 / Collected by PGH Guilletmot, from Erub, 1911-12



shark (kaigas) and shark (baidam), for example. From the Western islands, such as Badu, we can see the earliest evidence of people in the Torres To understand the emergence of Torres Strait Islander Strait. Archaeological excavation of the 'Badu 15' society, we must look back to the end of the last Ice rock shelter in 2002 revealed small stone tools and Age, around 10 000 years ago. Before this time, the charcoal from fires that have been radiocarbon dated to 9000 years ago.<sup>10</sup> The formation of the region we know as the Torres Strait was a low plain, the Torres Plain, studded by a series of low hills that Strait and the arrival of people at about the same formed a land bridge connecting the Australian and time is unlikely to be coincidental and suggests that, New Guinean mainlands. Around 21 000 years ago, without the sea and its marine foods, the region was the earth began to warm and the global ice sheets unsuited to human occupation. The earliest known melted to varying degrees. As a result, sea levels direct evidence for the use of marine foods comes rose some 120 metres and the Ice Age coastline from Mabuyag. In 2006, excavations there recovered that once fringed the edge of the Continental Shelf deeply buried stone tools, remarkably well-preserved began moving rapidly inland. Since the Torres Strait fish and turtle bones, and charcoal from fireplaces, is shallow – less than 30-50 metres in the east and which have been radiocarbon dated to 6000 to 7000 10-15 metres in the west - it took some time for rising years ago.<sup>11</sup> To what degree these early peoples seas to reach the elevated Torres Plain. Geological of the Torres Strait were permanent residents, or evidence shows this happened around 9000 years nomadic visitors from the Australian mainland, is ago. The initial breakthrough of the sea probably unknown. However, by 4000 years ago, the people of the western Strait were permanent island dwellers. occurred north of Cape York, but the formation of the Torres Strait as we know it today occurred over Pollen core records taken from swamps on Badu and Mua show that humans managed the landscape with several thousand years. Sea-rolled pumice buried

As the Islanders are a maritime people, the sea also pervades religious, spiritual, mythological, and ceremonial aspects of Torres Strait Islander society.<sup>6</sup> The centrality of the sea in ceremonial life is expressed materially in elaborate dance paraphernalia, including shark-mouthed drums and spectacular turtle-shell headdresses in the shape of crocodiles, fish and sharks. This maritime identity is also expressed through a range of animal totems the dugong (dhangal), sea turtle (waru), shovel-nosed on Badu Island indicates that the sea arrived 8000 years ago and further evidence of its encroachment comes from ancient fragments of mangroves buried on Mua.<sup>7</sup> The rising waters finally isolated the rocky hills, now islands, about 7000 to 8000 years ago.<sup>8</sup> Fossil corals dating from this period indicate reefs began growing soon after the arrival of the sea, but many sand cays of the central Strait were formed only within the past 3000 years.<sup>9</sup>

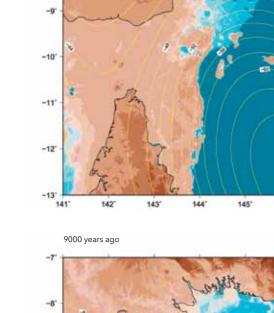


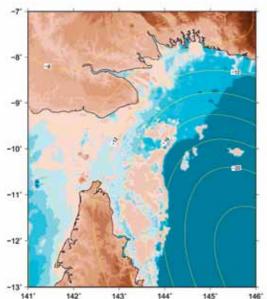
Two men wearing dance costume: One holds a traditional drum (warup) with feather decorations and the other wears the turtle-shell crocodile mask of western Torres Strait tradition, Mer (Murray) Island, Torres Strait, 1907 / Photograph: Alan McCulloch / © Courtesy: The Archives of the Australian Museun

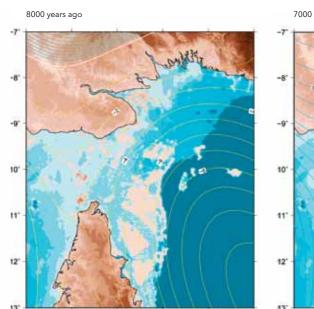
Archaeological excavations by Monash University at the 'Badu 15' rock shelter in 2002 / Courtesy: lan McNiven

Opposite Sea level reconstructions for Torres Strait between 12 000 and 7000 (calibrated) years ago. Brown shaded areas = land, blue shaded areas = water. Contours show change in sea level relative to today / Courtesy: Kurt Lambeck, Australian National University

Between 2500 and 3000 years ago the pace of cultural change increased dramatically across the Torres Strait. Around 2800 years ago the first evidence of people in the eastern Strait appears with shellfish remains in buried villages on Mer (Murray) Island.<sup>14</sup> By 2500 years ago, these early eastern Islanders were using finely made, red-slipped pottery, small shards of which were excavated on Dauar, near Mer, in 1998. Similar pottery of a similar age was subsequently excavated in 2002 from Mask Cave on the islet of Pulu, near Mabuyag in the western Strait.<sup>15</sup> Analysis of the clays used to make the pottery suggests both local manufacture (Pulu pottery) and importation from New Guinea (Dauar pottery). The Pulu and Dauar pottery is unique because it represents the first evidence for pottery use by Torres Strait Islanders and is Australia's first known pottery tradition. This pottery is related to older pottery traditions in Papua New Guinea and most likely indicates a migration of coastal Papuan peoples to the Torres Strait around 2500 to 3000 years ago.







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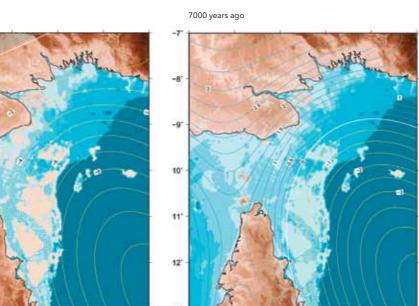
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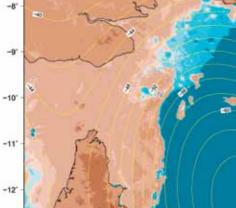
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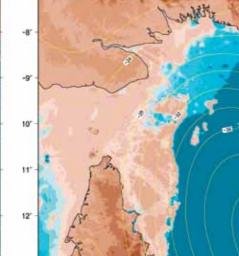


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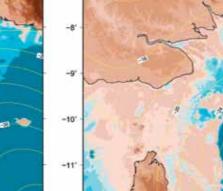




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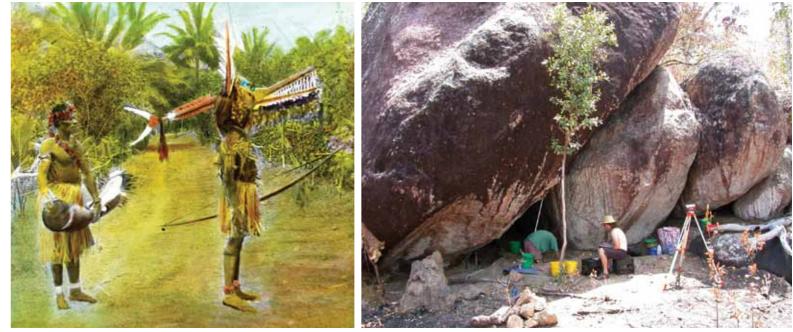
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9500 years ago



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fire, while the earliest known evidence for dugong hunting and shell fishing (from a campsite on the islet of Berberass, near Badu) also dates from this time.<sup>12</sup> Bones from land animals have not been found so it is clear that, from the beginning, Torres Strait Islanders were marine specialists, as they remain today.<sup>13</sup>

The echoes of their ancient Papuan ancestry can be heard today when Torres Strait Islanders speak. As the immigrants moved into the unoccupied eastern Strait they maintained a relatively pure Papuan language, which is now known as Meriam Mir. In contrast, the Western islands were already settled and the migrating Papuans integrated with local peoples,

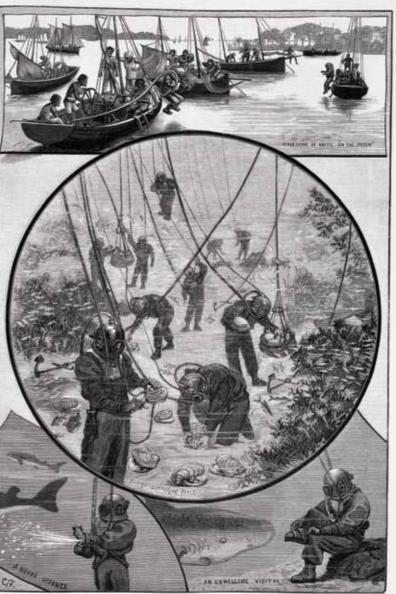
resulting in the creation of a number of mixed Aboriginal-Papuan dialects known as the Western-Central language.<sup>16</sup> The recent origin of most Central islands strongly suggests that the development of local Kulkulgal communities, and their role in mediating relationships between Eastern and Western island groups, similarly dates to the past 3000 years.

Another period of major cultural change took place between 1500 and 400 years ago, when many of the shoreline villages encountered by the LMS were first established. If you could go back in time and enter these villages, you would see houses, ground ovens, pathways, ritual shrines and parked canoes (up to 21 metres in length, Torres Strait Islander canoes were the largest Indigenous watercraft in Australia). Today, the remains of generations of earlier village activity, including huge midden deposits of shells, animal bones (turtle, fish and dugong) and cooking stones, lie buried just beneath the surface. An important factor behind the establishment of these villages was population increase, which led to strategic positioning of large settlements in different places along the coastlines. Such positioning enabled better surveillance of newly established territorial seas, which developed as a result of heightened political differences and tensions between island communities.<sup>17</sup> These settlement changes also generated new ceremonial and ritual sites, such as stone arrangements and rock art sites. Stone arrangements, in the form of lines and circles, were established along the shore and on hilltops, while most rock art sites are hidden away on the curving side of granite boulders on surfaces, protected from the rain. A wide range of rock art paintings has been recorded, revealing not only representations

of a maritime culture, such as canoes, turtles and dugongs, but also stylistic influences from New Guinea to the north and mainland Aboriginal Australia to the south.<sup>18</sup> Between 400 and 500 years ago, ceremonial and ritual activity intensified dramatically on the islands with the creation of shrines of arranged *bu* (trumpet) shells and large mounds of dugong bones.<sup>19</sup> In some cases, the dugong bone mounds contain skull fragments from thousands of harpooned animals and these were associated with complex hunting rituals.<sup>20</sup> In the western Strait, these shrines often formed part of large ceremonial clan sites known as *kod*, the best known being on the sacred islet of Pulu.<sup>21</sup> The formation of kod sites was part of the development of new clan systems around 400 to 500 years ago, which have continued into the present.

Within the past 400 years, understandings of Torres Strait history and culture have been based more on oral histories and recorded observations.<sup>22</sup> In 1606, Luis Vaez de Torres, commander of the Spanish ship San Pedro, became the first known European to sail through the Strait that now bears his name. During the late eighteenth and early nineteenth centuries, Torres Strait Islanders increasingly came into contact with European mariners keen to stop off to restock their ships with water and food supplies. But passage through the maze of reefs and Islander territorial waters was often perilous. A mutual misunderstanding of cultural protocols, coupled with European arrogance and the Islanders' headhunting, killing people cast ashore from wrecks (sarup) and defending their land and sea resources, often resulted in deaths on both sides during these early encounters.<sup>23</sup> In 1792, Captain Bligh's expedition 'killed or wounded' three Erub Islanders in a canoe after misinterpreting a peace offering and opening fire with muskets.<sup>24</sup> The following year, and possibly in revenge, an officer and four seamen from the merchant vessel Shah Hormuzear and the London whaler *Chesterfield* were murdered and ritually dismembered during a visit to Erub. In 1834, at least 17 castaways from the wreck of the Charles Eaton were ritually decapitated - many of their skulls were incorporated into a ceremonial turtle-shell mask, kept in a special building on Aureed in the Central islands.<sup>25</sup> Between the labyrinth of coral reefs and flotillas of armed warriors, the Torres Strait was, for European mariners, perhaps the most dangerous stretch of sea in the world.

As the nineteenth century progressed, relationships between the Islanders and Europeans became more peaceful and this allowed the development of a mutually productive two-way trade. In return for food, water and items such as turtle shell (which sailors sold in Asian and European markets), the Islanders received coveted metal objects such as steel axes and hoop iron, and desirable items including bottles and red cloth. Significantly,



MOTERS OF PEAKS FIREING' IN TORNER STRAITS

diseases such as smallpox, which decimated many mainland Aboriginal groups following early contact with Europeans, failed to have a similar impact on the more remote island communities of the Torres Strait.<sup>26</sup> By the mid nineteenth century, relationships between Islanders and European mariners were amicable, but inaccurate maps with sketchy details on the locations of reefs and islands maintained the region's reputation as a dangerous shipping channel. With increasing traffic through the Strait from the developing Australian colonies, action was needed. Thus, by the 1840s, the British Admiralty sent two expeditions to survey and map the treacherous waters – HMS Fly in 1844-45 and HMS Rattlesnake in 1848-49<sup>27</sup> – knowing they would receive assistance and support from numerous Islander communities.

A platoon of the Torres Strait Light

A platoon of the Torres Strait Light Infantry Battalion, Horn Island, Torres Strait, 1945 / Courtesy: Australian War Memorial

Opposite S Calvert, an article in a supplement to the *Illustrated Australian News* on pearl shelling in the Torres Strait, 8 November 1884 / Collection: State Library of Victoria, Melbourne

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In the 1860s, commercial fishermen began moving from the western Pacific into the Torres Strait. Among these was Captain William Banner who established a station on Tudu, where bêche-de-mer, also known as trepang and sea cucumber, were processed (cleaned, boiled, smoked and dried) for use in Asian cuisine and traditional medicine.<sup>28</sup> In 1870, Banner's operation turned to pearl shell and so began the famous Torres Strait pearling industry and the region's entry into the global economy. The pearling industry evolved rapidly from free-diving to the use of luggers and brass diving helmets and employed many Torres Strait Islanders, immigrant South Sea Islanders and Asians across the Strait, especially around Waiben (Thursday Island).<sup>29</sup> Working conditions were dangerous and the divers often died from the bends or entanglement in coral while walking along the seabed. Wage payments were also problematic in the hands of unscrupulous operators. To gain greater control of the industry, which operated mostly in international waters, the Queensland Colonial Government extended its powers across Torres Strait during the 1870s, establishing a settlement on Thursday Island in 1877 and the Crown annexed the region to Queensland in two stages – in 1872 and 1879 – to bring it under British sovereignty and law.<sup>30</sup> With Australian Federation in 1901, sovereignty then passed to the Commonwealth Government. At its peak, in 1904, the pearl shell industry engaged 378 boats and employed 2509 men. Trochus shell also began to be commercially exploited from 1912. After a hiatus during World War Two, the industry picked up again in the 1950s, but the introduction of plastic buttons



brought pearl shelling to a close in the 1960s. As a result, many Islanders moved to the Australian mainland to work, particularly in the backbreaking jobs of cutting sugar cane and constructing railway lines. Today, of the more than 30 000 people who identify as solely Torres Strait Islanders, only around 7000 live in the Torres Strait.

'Missionisation' was another external force that profoundly transformed Torres Strait Islander society during the late nineteenth century. When the London Missionary Society arrived in the Torres Strait in 1871, it hoped to establish a base in the islands and, within a couple years, many communities had built churches and houses for the missionaries. The LMS was highly successful in converting Torres Strait Islanders to Christianity and their arrival is still celebrated every year as the Coming of the Light festival. Part of the appeal of the LMS was its stand against ruthless pearl-shelling operators. It established Papuan Industries Ltd (PIL) on Badu in 1904 as a means by which local Islanders could both build and operate their own luggers (known as 'Company boats', as opposed to 'Master boats' owned by Europeans). However, 'missionisation', coupled with the pearling industry, led to the suppression of many old cultural practices. A desire to record and 'salvage' information on traditional cultural practices was a key motivational force behind the famous 1898 Cambridge Anthropological Expedition to Torres Straits, directed by Alfred Cort (AC) Haddon. The six volumes of reports produced by the expedition remain key ethnographic texts on the region.<sup>31</sup> The expedition's collection of more than 1000 objects, housed mostly in the Museum of Archaeology and Anthropology at the University of Cambridge, is the world's largest ethnographic collection of Torres Strait material culture and is visited regularly by Islanders.<sup>32</sup>

In 1904, Torres Strait Islanders came under the control of The Aboriginals Protection and Restriction of the Sale of Opium Act 1897 and, in 1912, all inhabited islands were declared reserves. Under the Act, the Queensland State Government exercised authoritarian and paternalistic control over the lives of Islanders.<sup>33</sup> This was followed by the withdrawal of the LMS in 1915, having handed control to the Anglican Diocese of Carpentaria. After the State Government took over Papuan Industries Ltd in 1930 and changed its name to Aboriginal Industries, issues of control (especially over access to wages and use of 'Company' boats) and autonomy led to dissatisfaction among the Islanders and eventually culminated in a seven-month, pan-Strait strike in 1936. Around 400 Islanders refused to work on the 'Company' pearling boats and the government was forced to make some concessions.<sup>34</sup> After the Torres Strait Islanders Act was passed in 1939, individual island reserves become locally governed entities with elected local councillors, albeit under the control of



Contemporary Torres Strait Island dancers wearing the distinctive dhari headdresses / Image courtesy: National Library of Australia, Canberra

the newly established Office of the Director of Native Affairs. In addition, Aboriginal Industries became the Island Industries Board. In 1984, this evolved into the Islanders Board of Industry and Service (better known as IBIS) and continues to operate grocery stores across the Strait.<sup>35</sup>

The entry of the Japanese into World War Two in 1941 plunged the western Pacific region into an active war zone that included the Torres Strait. More than 800 Torres Strait Islander men voluntarily joined what became the Torres Strait Light Infantry Battalion, the only Indigenous battalion in the history of the Australian Army. Thirty-six men died while on active service but, remarkably, it was not until the 1980s that soldiers finally received full back pay for their war service to the nation.<sup>36</sup>

Protecting lands and seas in the Torres Strait ensures, among other things, the continuation of cultural practices central to Islander identity, making protection a powerful entity in Torres Strait societies. On 3 June 1992, Eddie Koiki Mabo was successful in the landmark case *Mabo vs Queensland (No. 2)*, in which the High Court of Australia overturned the legal fiction of terra nullius, which had rendered Mer as a 'land belonging to no one' at the time of colonial annexation.<sup>37</sup> The following year, the Australian Government introduced the historic *Native Title Act* of 1993, and over the next 15 years all Torres Strait Island communities gradually had their native title rights recognised by the Australian legal system. In 2010, the Federal Court of Australia also decided in favour of Torres Strait Islanders, recognising native rights in their seas. Other aspects of protection include biosecurity, through active participation in customs and quarantine regulation; the management of marine ecosystems and associated sustainable subsistence practices, particularly dugong and turtle hunting; and recording and protecting cultural heritage sites.<sup>38</sup> Many of these initiatives operate through the Thursday Island-based Torres Strait Regional Authority (TSRA), which also supports a range of cultural activities such as sport, dancing, singing and art, and through individual island councils and organisations.

Today, internationally recognised Torres Strait Islander artists such as Dennis Nona and Alick Tipoti are extending the region's rich maritime heritage and culture to households and galleries across the globe. Prints and sculptural works document, in myriad ways, the connections between Torres Strait Islanders and the sea – connections guided by ancestors.<sup>39</sup> This ancestral presence also finds expression in music, in song and, perhaps most evidently, in its iconic dancing, which embodies maritime knowledge and history. Music and dance usually accompany a major celebratory event, at which a feast of seafood might be presented: on these special occasions, art, culture and history combine, honouring the ancestral past and acknowledging the ongoing, vital and intimate relationship between Torres Strait Islanders and their marine realm

Endnotes
D Lawrence, 'Customary exchange across Torres Strait', Memoirs of the Queensland Museum Cultural Heritage Series, vol.34, no.2, 1994.
M Lawrie, Myths and Legends of Torres Strait, University of Queensland Press. St Lucia. 1970.

- 3 AJ Barham, 'Late Holocene maritime societies in the Torres Strait Islands, northern Australia – cultural arrival or cultural emergence?', in S O'Connor and P Veth (eds), East of Wallace's Line: Studies of Past and Present Maritime Cultures of the Indo-Pacific Region, Modern
- Quaternary Research in Southeast Asia, vol.16, AA Balkema, The Netherlands, 2000, pp.223-314; IJ McNiven and G Hitchcock, 'Torres Strait Islander marine subsistence specialisation and terrestrial animal translocation,' in IJ McNiven and M Quinnell (eds), *Torres Strait*:
- Archaeology and Material Culture, Memoirs of the Queensland Museum Cultural Heritage Series, vol.3, no.1, Brisbane, 2004, pp. 105-62.
  4 AC Haddon (ed.), Reports of the Cambridge Anthropological Expedition to Torres Straits Vol.4: Arts and Crafts, Cambridge University Press,
- Cambridge, 1912, pp.144-51.
  DR Moore, *Islanders and Aborigines at Cape York*, Australian Institute of Aboriginal Studies, Canberra, 1979.
- 6 M Lawrie, 1970; N Sharp, Stars of Tagai: The Torres Strait Islanders, Aboriginal Studies Press, Canberra, 1993.
- 7 AJ Barham, 2000; B David, I McNiven, R Mitchell, M Orr, S Haberle, L Brady and J Crouch, 'Badu 15 and the Papuan-Austronesian settleme of Torres Strait', Archaeology in Oceania, vol.39, pp.65-78, 2004. 8 AJ Barham, 2000; J Chappell, 'Geographic changes of coastal lowlands in the Papuan past', in A Pawley, R Attenborough, J Golson and R Hide (eds), Papuan Pasts: Cultural, Linguistic and Biological Histories of Papuan-Speaking Peoples, Pacific Linguistics 572, Research School of Pacific and Asian Studies, Australian National University, Canberra, 2005, pp.525-39. See also K Lambeck and J Chappell, 'Sea Level change through the last glacial cycle', Science, vol.292, pp.679-86, 2001, for a review of sea level change over this interval; K Lambeck, 'Sea-level change from mid-Holocene to Recent time: an Australian example with global implications, in JX Mitrovica and B Vermeersen (eds), Ice Sheets, Sea Level and the Dynamic Farth, American Geophysical Union, Washington DC, 2002, pp.33-50, for a discussion of the earth-model parameters used; and K Lambeck, A Purcell, J Zhao and N-O Svensson, 'The Scandinavian Ice Sheet: from MIS 4 to the end of the Last Glacial Maximum, Boreas, vol.39, pp.410-35, 2010, for the ice sheet model parameters used in these reconstructions 9 AJ Barham, 2000; CD Woodroffe, DM Kennedy, D Hopely, CE Rasmussen and SG Smithers, 'Holocene reef growth in Torres Strait',
- Marine Geology, vol.170, pp.331-46, 2000; CD Woodroffe, B Samosorn, Q Hua and DE Hart, 'Incremental growth of a sandy reef island over the past 3000 years indicated by component-specific radiocarbon dating', *Geophysical Research Letters* no.34, 2007. 10 B David et al. 2004
- D Wright and G Jacobsen, 'Convergence of ceremonial and secular: the archaeology of Dabangai village on Mabuyag in Western Torres Strait', in IJ McNiven and G Hitchcock (eds), Goemulgal: Natural and Cultural Histories of the Mabuyag Islands, Torres Strait, Memoirs of the Queensland Museum Cultural Heritage Series, Brisbane, in press.
   C Rowe, 'Landscapes in western Torres Strait history', in B David, B Barker and IJ McNiven (eds), The Social Archaeology of Australian Indigenous Societies, Aboriginal Studies Press, Canberra, 2006, pp.270-86; J Crouch, IJ McNiven, B David, C Rowe, M Weisler, 'Berberass: marine resource specialization and environmental change in Torres Strait during the past 4000 years', Archaeology in Oceania, vol.42, no.2, pp.49-64, 2007.
   IJ McNiven and G Hitchcock, 2004.
- M Catter, 'From humble beginnings: Review of Vanderwal's 1972 fieldwork and recent theories on settlement, subsistence and trade in Torres Strait', Artefact, in press.
- IJ McNiven, WR Dickinson, B David, M Weisler, F Von Gnielinski, M Carter and U Zoppi, 'Mask Cave: Red-slipped pottery and the Australian-Papuan settlement of Zenadh Kes (Torres Strait), *Archaeology in Oceania*, vol.41, no.2, pp.49-81, 2006.
   IJ McNiven et al., 2006.
- 17 JJ McNiven, J Crouch, M Weisler, N Kemp, L Clayton Martínez, J Stanisic, M Orr, L Brady, S Hocknull and W Boles, 'Tigershark Rockshelter (Baidamau Mudh): Seascape and settlement reconfigurations on the sacred islet of Pulu, western Zenadh Kes (Torres Strait)', Australian Archaeology, vol.66, pp.15-32, 2008.
- 18 LM Brady, 'Symbolic language in Torres Strait, NE Australia: Images from rock-art, portable objects and human scars', Antiquity, vol.82, pp.336-50, 2008; LM Brady, Pictures, Patterns, and Objects: Rock Art from the Torres Strait Islands, NE Australia, Australian Scholarly Publishing, Melbourne, in press.
- 19 B David, J Crouch and U Zoppi, 'Historicizing the spiritual: bu shell arrangements on Badu island, Torres Strait', *Cambridge Archaeological Journal*, vol.15, no.1, pp.71-91, 2005; IJ McNiven and R Feldman, 'Ritually orchestrated seascapes: Bone mounds and dugong hunting magic in Torres Strait, NE Australia', *Cambridge Archaeological Journal*, vol.13, no.2, pp.169-94, 2003.
- 20 IJ McNiven and A Bedingfield, 'Past and present marine mammal hunting rates and abundances: Dugong (Dugong dugon) evidence from Dabangai Bone Mound, Torres Strait', *Journal of Archaeological Science*, vol.35, pp.505-15, 2008.

- 21 IJ McNiven, B David, Goemulgau Kod and J Fitzpatrick, 'The Great Kod of Pulu: mutual historical emergence of ceremonial sites and social groups in Torres Strait, NE Australia', *Cambridge Archaeological Journal*, vol. 19, no.3, pp.291-317, 2009.
- 22 For historical overviews, see J Beckett, Torres Strait Islanders: Custom and Colonialism, Cambridge University Press, Cambridge, 1987; S Mullins, Torres Strait: A History of Colonial Occupation and Culture Contact 1864-1897, Central Queensland University Press, Rockhampton, 1995; A Shnukal, 'Torres Strait Islanders', in M Brandle (ed.), Multicultural Queensland 2001: 100 Years, 100 Communities, A Century of Contributions, Department of Premier and Cabinet, Brisbane, 2001; and J Singe, Torres Strait: People and History, University of Queensland Press, St Lucia, 1979.
- 23 IJ McNiven, 'Torres Strait and the maritime frontier in early colonial Australia', in L Russell (ed.), Colonial Frontiers: Indigenous-European Encounters in Settler Societies, Manchester University Press, Manchester, 2001, pp. 175-97; and S Mullins, 1995.
- 24 M Flinders, A Voyage to Terra Australis, Volume 1, G and W Nicol, London, 1814; J Allen and P Corris, The Journal of John Sweatman, University of Queensland Press, St Lucia, 1977.
- 25 A McInnes, 'The wreck of the "Charles Eaton", *Journal of the Royal Historical Society of Queensland*, vol.11, no.4, pp.21-50, 1983.
- 26 NG Butlin, Our Original Aggression: Aboriginal Populations of Southeastern Australia, 1788-1850, George Allen and Unwin, Sydney, 1983; and J Campbell, Invisible Invaders: Smallpox and Other Diseases in Aboriginal Australia, 1780-1880, University of Melbourne Press, Carlton, 2007.
- 27 JB Jukes, Narrative of the Surveying Voyage of HMS Fly [2 volumes], T & W Boone, London, 1847; and J Macgillivray, Narrative of the Voyage of HMS Rattlesnake [2 volumes], T & W Boone, London, 1852.
- 28 R Ganter, The Pearl-Shellers of Torres Strait: Resource Use, Development and Decline, 1860s-1960s, Melbourne University Press, Carlton, 1994.
- 29 E McPhee, 'Archaeology of the pearl shelling industry in Torres Strait', in IJ McNiven and M Quinnell (eds), Torres Strait: Archaeology and Material Culture, Memoirs of the Queensland Museum Cultural Heritage Series, vol.3, no.1, Brisbane, 2004, pp.363-77.
- 30 S Mullins, 1995.
- 31 AC Haddon, Reports of the Cambridge Anthropological Expedition to Torres Straits [6 volumes], Cambridge University Press, Cambridge, 1901–35.
- 32 A Herle and J Philp, Torres Strait Islanders: An Exhibition Marking the Centenary of the 1898 Cambridge Anthropological Expedition, Cambridge University Press, Cambridge, 1998; A Herle and S Rouse, Cambridge and the Torres Strait: Centenary Essays on the 1898 Anthropological Expedition, Cambridge University Press, Cambridge, 1998; M Nakata, Disciplining the Savages, Savaging the Disciplines, Aboriginal Studies Press, Canberra, 2007; and J Manning (Director), 'Christine Anu', Who Do You Think You Are?, series 2, episode 10, SBS Television, Australia, 2009.
- 33 J Beckett, 1987.
- 34 D Wetherell, 'The Bishop of Carpentaria and the Torres Strait pearlers' strike of 1936', Journal of Pacific History, vol.39, no.2, pp.185-202, 2004.
- 35 K Frankland, 'A brief history of government administration of Aboriginal and Torres Strait Islander peoples in Queensland', in Records Guide, Volume 1: A Guide to Queensland Government Records Relating to Aboriginal and Torres Strait Islander People, Queensland State Archives and Department of Family Services and Aboriginal and Islander Affairs, Brisbane, 1994.
- 36 R Ball, Torres Strait Force, Australian Military History Publications, Loftus, New South Wales, 1996.
- 37 N Sharp, No Ordinary Judgment: Mabo, The Murray Islanders' Land Case, Aboriginal Studies Press, Canberra, 1996.
- 38 J Ash, L Manas and D Bosun, 'Lining the path: A seascape perspective of two Torres Strait missions, northeast Australia', International Journal of Historical Archaeology, vol.14, no.1, pp.56-85, 2011; AQIS, Protect Our Island Homes, Australian Government Australian Quarantine Inspection Service, Department of Agriculture, Fisheries and Forestry, Canberra, 2003; and J Grayson, M Hamann, H Marsh and S Ambar, 'Options for managing the sustainable use of Green Turtles: Perceptions of Hammond Islanders in Torres Strait', Conservation and Society, vol.8, no.1, pp.73-83, 2010; G Hitchcock, IJ McNiven and the Pulu IPA Committee, 'Managing a sacred islet: Pulu Indigenous Protected Area', in IJ McNiven and G Hitchcock (eds), Goemulgal: Natural and Cultural Histories of the Mabuyag Islands, Torres Strait, Memoirs of the Queensland Museum Cultural Heritage Series, Brisbane, in press; DM Kwan, 'A collaborative, consultative and committed approach to effective management of dugongs in Torres Strait, Queensland, Australia', in R Bonfil and G Munro (eds), Putting Fishers' Knowledge to Work, Fisheries Centre, University of British Columbia, Canada, 2003, pp.312-20.
- 39 B David and IJ McNiven, 'The sea, the spirits and the ancestors', in D Nona, Sesserae: The Works of Dennis Nona, Dell Gallery, Queensland College of Art, Brisbane, 2005, pp.7-10; T Mosby and B Robinson, Ilan Pasin (This Is Our Way): Torres Strait Art, Cairns Regional Gallery, Cairns, 1998.