

Bibliography

- Agassiz, L., 1840. *Études sur les Glaciers*. 2 vols. Neuchatel: Jent et Gassman.
Digital version Oxford University.
- Anderson, T.R., and Rice, A., 2006. Deserts on the sea floor: Edward Forbes and his azoic hypothesis for a lifeless deep ocean. *Endeavour*, 30(4): 131–37.
doi.org/10.1016/j.endeavour.2006.10.003.
- Bacon, F., 1620. *Novum Organum*. Aphorism XXVII, Lib. II.
- Balme, B.E., and Playford, G., 1967. Late Permian microfloras from the Prince Charles Mountains, Antarctica. *Revue de Micropaleontologie*, 10: 179–92.
- Banks, M.R., 1971. A Darwin manuscript on Hobart Town. *Papers and Proceedings of the Royal Society of Tasmania*, 105: 5–9.
- Baudin, N., 1974. *The Journal of Post Captain Nicolas Baudin, Commander-in-Chief of the Corvettes Geographe and Naturaliste; Assigned by Order of the Government on a Voyage of Discovery*. Cornell, C. (trans.). Adelaide: Libraries Board of South Australia.
- Beaglehole, J.C., 1974. *The Life of Captain James Cook*. Palo Alto: Stanford University Press.
- Beaglehole, J.C., 1992. *The Life of Captain James Cook*. Palo Alto: Stanford University Press.
- Bonnemains, J., Argentin, J., and Marin, M. (eds), 2000. *Mon voyage aux Terres Australes: Journal personnel du Commandant Baudin*. Paris: Editions Imprimerie Nationale.
- Brown, A.J., 2008. *Ill-starred Captains: Flinders and Baudin*. Fremantle: Fremantle Arts Centre Press.
- Buache, P., 1763. *Carte des Terres Australes entre le Tropique du Capricorne et la Pole Antarctique où se voyent les decouvertes faites en 1739 au Sud de Cap Bonne Esperance*. A Paris: Sur le Quay de la Megisserie au St Esprit pres le Pont Neuf.

- Buckland, W., 1823. *Reliquiae Diluvianae: Observations on the Organic Remains Contained in Caves, Fissures, and Diluvial Gravel, and on Other Geological Phenomena, Attesting the Action of an Universal Deluge*. London: John Murray.
- Burleigh, R., 2016. *Solving the Puzzle Under the Sea: Marie Tharp Maps the Ocean Floor*. New York: Simon & Schuster.
- Cantrill, D.J., and Poole, I., 2012. *The Vegetation of Antarctica through Geological Time*. Cambridge: Cambridge University Press. doi.org/10.1017/CBO9781139024990.
- Codling, R., 1997. HMS *Challenger* in the Antarctic: Pictures and photographs from 1874. *Landscape Research & Landscape Research Extra*, 22(2): 191–208.
- Coleridge, S.T., 1798. *The Rime of the Ancient Mariner*, in *Lyrical Ballads, with a few other poems*. London: Printed for J. and A. Arch. London.
- Cook, J., 1777. *A Voyage Towards the South Pole and Round the World, Performed in His Majesty's Ships the Resolution and Adventure, in the Years 1772, 1773, 1774 and 1775*. 2 vols. London: Printed for W. Strahan and T. Cadell.
- Cook, J., 2003. *The Journals of Captain Cook*. Prepared from the original manuscripts by J.C. Beaglehole for the Hakluyt Society, 1955–67. Edwards, P. (selector and ed.). London and New York: Penguin Books.
- Cooper, A.K., and O'Brien, P.E., 2004. Leg 188 synthesis: Transitions in the glacial history of the Prydz Bay region, East Antarctica, from ODP drilling, in Cooper, A.K., O'Brien, P.E., and Richter, C. (eds), *Proceedings of the Ocean Drilling Program, Scientific Results*, 188: 1–42. College Station, TX: Ocean Drilling Program. doi.org/10.2973/odp.proc.sr.188.001.2004.
- Corfield, R., 2003. *The Silent Landscape: In the Wake of HMS Challenger, 1872–1876*. London: John Murray.
- Cranwell, L.M., Harrington, H.J., and Speden, I.G., 1960. Lower Tertiary microfossils from McMurdo Sound, Antarctica. *Nature*, 186: 700–02. doi.org/10.1038/186700a0.
- Croll, J., 1875. *Climate and Time in their Geological Relations: A Theory of Secular Changes of the Earth's Climate*. New York: D. Appleton.
- Dalrymple, A., 1775. *Collection of Voyages Chiefly in the Southern Atlantic Ocean*. London: Printed for the Author.
- Darwin, C.R., 1839a. *Journal of Researches into the Geology and Natural History of the Various Countries Visited by H.M.S. Beagle under the Command of Captain Fitzroy, R.N. from 1832 to 1836*. London: Henry Colburn.

- Darwin, C.R., 1839b. Notes on a rock seen in an iceberg in 61° South Latitude. *Journal of the Royal Geographical Society of London*, 9: 528–29.
- Darwin, C., 1859. *On the Origin of Species by Means of Natural Selection, or Preservation of Favoured Races in the Struggle for Life*. London: John Murray.
- Darwin, C., 1949. *The Origin of Species by Means of Natural Selection: or The Preservation of Favoured Races in the Struggle for Life*. First published 1859. New York: The Modern Library.
- Darwin, F. (ed.), 1887. *The Life and Letters of Charles Darwin*. London: John Murray.
- Deacon, M., Rice, T., and Summerhayes, C. (eds), 2001. *Understanding the Oceans: A Century of Ocean Exploration*. London: UCL Press.
- DeConto, R.M., and Pollard, D., 2003. Rapid Cenozoic glaciation of Antarctica induced by declining atmospheric CO₂. *Nature*, 421: 245–49. doi.org/10.1038/nature01290.
- Du Toit, A.L., 1937. *Our Wandering Continents: An Hypothesis of Continental Drifting*. London: Oliver & Boyd.
- Duyker, E., 2006. *François Péron: An Impetuous Life*. Melbourne: Miegunya Press.
- Eights, J., 1833. *Description of a new crustaceous animal found on the shores of the South Shetland Islands, with remarks on their natural history*. Transactions of the Albany Institute 2: 53–69.
- Ennis, H., 2010. *Frank Hurley's Antarctica*. Canberra: National Library of Australia.
- Felt, H., 2012. *Soundings: The Story of the Remarkable Woman Who Mapped the Seafloor*. New York: Henry Holt & Co.
- Fornasiero, J., Lawton, L., and West-Sooby, J., 2016. *The Art of Science: Nicolas Baudin's Voyagers, 1800–1804*. Kent Town, SA: Wakefield Press.
- Fornasiero, J., Monteath, P., and West-Sooby, J., 2004. *Encountering Terra Australis*. Kent Town, SA: Wakefield Press.
- Forster, G., 1777. *A Voyage Round the World in His Britannic Majesty's Sloop Resolution, Commanded by Capt. James Cook, during the Years 1772, 3, 4, 5*. 2 vols. London: Printed for B. White.
- Forster, G., 2000. *A Voyage Round the World*. Thomas, N., and Berghof, O. (eds), assisted by Newell, J. Honolulu: University of Hawaii Press.

- Forster, J.R., 1996. *Observations made during a voyage round the world*. Thomas, N., Guist, H. and Dettelbach, M (eds). Honolulu: University of Hawaii Press.
- Frankel, H.R., 2012. *The Continental Drift Controversy*. 4 vols. Cambridge: Cambridge University Press.
- Gould, S.J., 1977. *Ontogeny and Phylogeny*. Cambridge, Massachusetts: Harvard University Press.
- Granot, R., 2016. Palaeozoic oceanic crust preserved beneath the eastern Mediterranean. *Nature Geoscience*, 9: 701–05. August 2016. doi.org/10.1038/ngeo2784.
- Gurney, A., 1998. *Below the Convergence: Voyages towards Antarctica, 1699–1839*. London: Pimlico.
- Gurney, A., 2000. *The Race to the White Continent*. New York: W.W. Norton.
- Haeckel, E., 1887. *Report on the Radiolaria Collected by H.M.S. Challenger during the Years 1873–76*. London: Eyre & Spottiswoode.
- Haeckel, E., 1904. *Kunstformen der Natur*. Leipzig/Wien: Verlag des Bibliographischen Instituts.
- Haeckel, E., 1914. *The History of Creation: or, the development of the earth and its inhabitants by the action of natural causes: a popular exposition of the doctrine of evolution in general, and of that of Darwin, Goethe and Lamarck in particular*. From 1876 edition, Lankester, E. Ray (trans.). New York: D. Appleton.
- Hakluyt, R., 1982. *Voyages and Discoveries*. Beeching, J. (ed.). London: Penguin Classics.
- Hayes, D.E., and Frakes, L.A., 1975. General synthesis, Deep Sea Drilling Project Leg 28. *Initial Reports of the Deep Sea Drilling Project, Volume 28*. Washington DC: US Government Printing Office, 919–42.
- Hayes, D.E., Frakes, L.A., and the DSDP Leg 28 participating scientists, 1975. *Initial Reports of the Deep Sea Drilling Project, Volume 28*. Washington DC: US Government Printing Office. doi.org/10.2973/dsdp.proc.28.1975.
- Hayes, L.P., 1974. Deep Sea Drilling Project operations resume Leg 28, *Deep Sea Drilling Project Technical Reports*. Published online 2007.
- Heinrich, H., 1988. Origin and consequences of cyclic ice rafting in the Northeast Atlantic Ocean during the past 130,000 years. *Quaternary Research*, 29: 142–52. doi.org/10.1016/0033-5894(88)90057-9.

- Hess, H.H., 1962. History of ocean basins, in Engel, A.E.J., James, H.L., and Leonard, B.F. (eds), *Petrologic Studies: A Volume in Honor of A.F. Buddington*. Boulder, Colorado: Geological Society of America, 599–620.
- Holmes, A., 1965. *Principles of Physical Geology*. 2nd edition, revised. Sunbury on Thames, UK: Nelson.
- Hooker, J., 1844. *The Botany of the Antarctic Voyage of H.M. Discovery Ships Erebus and Terror, in the years 1839–1843 under the Command of Sir James Clark Ross*. London: Reeve Brothers.
- Hooker, J.D., 1860. *The Botany of the Antarctic Voyage of H.M. Ships Erebus and Terror in the Years 1839–1843*. Part III. 2 vols. *Flora Tasmaniae*. London: Lovelle Reeve.
- Hsü, K., 1992. *Challenger at Sea: A Ship that Revolutionized Earth Science*. Princeton: Princeton University Press.
- Hutton, J., 1795. *The Theory of the Earth, with Proofs and Illustrations*. Vol. 1. London: Cadell & Davies.
- Huxley, L., 1918. *Life and Letters of Sir Joseph Dalton Hooker O.M., G.C.S.I., Based on Materials Collected and Arranged by Lady Hooker*. London: J. Murray.
- Imbrie, J., and Imbrie, K.P., 1979. *Ice Ages: Solving the Mystery*. Cambridge, Massachusetts: Harvard University Press. doi.org/10.1017/S0016756800033331.
- International Commission on Stratigraphy, 2017. International Chronostratigraphic Chart. Version 2017/02. www.stratigraphy.org/index.php/ics-chart-timescale. Accessed 21 March 2019.
- Jefferson, T., 1982. Fossil forests from the Lower Cretaceous of Alexander Island, Antarctica. *Palaeontology*, 25: 681–708.
- Kemp, E.M., 1972. Lower Devonian palynomorphs from the Horlick Formation, Ohio Range, Antarctica. *Palaeontographica Abt. B*, 139: 105–24.
- Kemp, E.M., and Barrett, P.J., 1975. Antarctic glaciation and early Tertiary vegetation. *Nature*, 258: 507–08. doi.org/10.1038/258507a0.
- Krinsley, D., and Doornkamp, J.C., 1973. *Atlas of Sand Grain Surface Textures*. Cambridge: Cambridge University Press. Reissued in paperback 2011.
- Larsen, C.A., 1894. The voyage of the 'Jason' to the Antarctic regions: Abstract of journal kept by Capt. C. A. Larsen. *The Geographical Journal*, 4: 333–44.

- Le, P.J., Williams, B., Evans, D.W., Roberts, D.J., and Thomas, D.N., 2015. *Art Forms from the Abyss: Ernst Haeckel's Images from the HMS Challenger Exhibition*. Munich: Prestel.
- Linklater, E., 1972. *The Voyage of the Challenger*. London: J. Murray.
- The Linnaean Correspondence, c. 1775. Letter from Anders Sparrman to Linnaeus. London: Linnaean Society.
- Lisitzin, A.P., 1960. Bottom sediments of the eastern Antarctic and southern Indian Ocean. *Deep Sea Research*, 7: 89–99.
- Lowy Institute for International Policy, 2011. *Antarctica: Assessing and Protecting Australia's National Interests*. Policy Brief, August. Sydney: Lowy Institute.
- Luis, P.A., Duprat, A.M., Bigg, G.R., and Wilton, D.J., 2016. Enhanced Southern Ocean marine productivity due to fertilization by giant icebergs. *Nature Geoscience*, 9: 219–21. doi.org/10.1038/ngeo2633.
- Lyell, C., 1830–33. *Principles of Geology, Being an Attempt to Explain the Former Changes of the Earth's Surface, by Reference to Causes Now in Operation*. 3 vols. London: J. Murray.
- Martin, S., 1996. *A History of Antarctica*. Sydney: State Library of New South Wales Press.
- Mawson, D., 2010. *The Home of the Blizzard*. First published 1915 by William Heinemann, London. Kent Town, SA: Wakefield Press.
- Mayer, W., 2009. The geological work of the Baudin Expedition in Australia (1801–1803): The mineralogists, the discoveries and the legacy. *Earth Sciences History*, 28(2): 293–324. doi.org/10.17704/eshi.28.2.mr134w5l2507053n.
- McCalman, I., 2009. *Darwin's Armada*. Camberwell, Vic.: Penguin Books Australia.
- McKenzie, D.P., and Morgan, W.J., 1969. Evolution of triple junctions. *Nature* 224: 125.
- Milankovic, M., 1920. *Théorie mathématique des phénomènes produit per la radiation solaire*. Paris: Gauthier-Villars.
- Moseley, H.N., 1879. *Notes by a Naturalist on the 'Challenger': Being an Account of Various Observations Made during the Voyage of H.M.S. 'Challenger' Round the World, in the Years 1872–1876, Under the Commands of Capt. Sir G. S. Nares and Capt. F. T. Thomson*. London: Macmillan.

- Murray, J., and Renard, A.F., 1891. *Report on the Deep-Sea Deposits Based on the Specimens Collected during the Voyage*. HMS Challenger Reports; Section III. HMS Challenger Reports online. Accessed 19 December 2017.
- National Research Council, 2011. *Scientific Ocean Drilling: Accomplishments and Challenges*. Washington, DC: The National Academies Press. doi.org/10.17226/13232.
- New York Post. 2018, May 1. Salvagers want to tow icebergs to solve Cape Town drought, *New York Post*, nypost.com/2018/05/01/salvagers-want-to-tow-icebergs-to-solve-cape-towns-drought/. (Original article by Jay Akbar, *The Sun*.)
- Ortelius, 1596. *Thesaurus Geographicus*. Antwerp, Belgium: Officina Plantiniana [Plantin Press].
- Palmer, J.C., 1843. *Thulia; A Tale of the Antarctic*. New York: Samuel Colman.
- Péron, F., 1804. *Sur la temperature de la mer a sa surface, soit à diverse profondeurs*. Annales du Muséum Nationale d'histoire Naturelle, Tome 5, xiii, 123–48. (Translated into English and published in *American Journal of Science*, 8(1830): 295–99.)
- Péron, F., 1809. *A Voyage of Discovery to the Southern Hemisphere Performed by Order of the Emperor Napoleon During the Years 1801, 1802, 1803 and 1804*. Translated from the French. London: Printed by Richard Phillips by B. McMillan.
- Philbrick, N., 2003. *Sea of Glory: America's Voyage of Discovery, the U.S. Exploring Expedition 1838–1842*. New York: Viking.
- Pirsson, L.V., 1919. *Biographical Memoir of James Dwight Dana 1813–1895*. US National Academy of Sciences Biographical Memoirs 9, 41–92. Washington: US National Academy of Sciences.
- Plumstead, E.P., 1962. Fossil floras from Antarctica. *Trans-Antarctic Expedition 1955–1958 Scientific Reports*, 9 (Geology). London: The Trans-Antarctic Expedition Committee, 1–154.
- Press, A.J., 2014. *20 Year Australian Antarctic Strategic Plan*. Canberra: Australian Antarctic Division, Department of Environment and Energy.
- Read, J., and Francis, J., 1992. Responses of some Southern Hemisphere tree species to a prolonged dark period and their implications for high-latitude Cretaceous and Tertiary floras. *Palaeogeography, Palaeoclimatology and Palaeoecology*, 99(3–4): 271–90. doi.org/10.1016/0031-0182(92)90019-2.

- Robertson, J., 1764. *Elements of Navigation, containing the Theory and Practice*. London: Printed for J. Nourse.
- Ross, J.C., 1847. *A Voyage of Discovery and Research in the Southern and Antarctic Regions, during the Years 1839–43*. 2 vols. London: John Murray.
- Rossiter, H., 2001. *Lady Spy, Gentleman Explorer: The Life of Herbert Dyce Murphy*. Milsons Point, NSW: Random House Australia.
- Rossiter, H. (ed.), 2011. *Mawson's Forgotten Men: The 1911–1913 Antarctic Diary of Charles Turnbull Harrison*. Sydney: Murdoch Books Australia.
- Scott, R.F., 1912. The Diaries of Robert Falcon Scott. The *Terra Nova Expedition Sledging Diaries*, Vol. 1. British Library online, www.bl.uk/scottsdairy. Accessed 19 March 2019.
- Seward, A.C., 1914. Antarctic fossil plants. *British Antarctic Terra Nova Expedition (Geology)*, 1: 1–49.
- Shelvocke, G., 1726. *A Voyage Round the World by Way of the Great South Sea, Perform'd in the Years 1719, 20, 21, 22*. London: Printed for J. Senex; W. and J. Innys; and J. Osborn and T. Longman.
- Shephard, B., 1968. *Challenger Sketchbook of the H.M.S. Challenger Expedition 1872–1874*. Greenwich, Conn.: Philadelphia Maritime Museum.
- Skottsborg, C., 1960. *Remarks on the Plant Geography of the Southern Cold Temperate Zone*. Proceedings of the Royal Society of London B152, 447–57.
- Smith, B., 1960. *European Vision and the South Pacific 1768–1850: A Study in the History of Art and Ideas*. Oxford: Clarendon Press.
- Sobel, D., 1995. *Longitude: The True Story of a Lone Genius Who Solved the Greatest Scientific Problem of His Time*. New York: Penguin Books.
- Spry, William J.J., 1877. *The Cruise of Her Majesty's Ship 'Challenger'; Voyages over Many Seas, Scenes in Many Lands*. New York: Harper & Brothers.
- Swire, H., 1938. *The Voyage of the Challenger*. London: Golden Cockerel Press.
- Tharp, M., 1999. Connect the dots: Mapping the seafloor and discovering the mid-ocean ridge, in Lippsett, L. (ed.), *Lamont-Doherty Earth Observatory of Columbia Twelve Perspectives on the First Fifty Years 1949–1999*. Palisades, NY: Lamont-Doherty Earth Observatory of Columbia University.
- Thrower, N.J., 1981. *The Three Voyages of Edmond Halley in the Paramore 1768–1701*. London: The Hakluyt Society.

- Tournadre, J., Girard-Ardhuin, F., and Legrosy, B., 2012. Antarctic iceberg distributions, 2002–2010. *Journal of Geophysical Research*, 117: C05004, doi.org/10.1029/2011JC007441.
- Truswell, E.M., 2012. Dredging up Mawson; Implications for the geology of coastal East Antarctica. *Papers and Proceedings of the Royal Society of Tasmania*, 146: 45–56. doi.org/10.26749/rstpp.146.45.
- Truswell, E.M., 2015. *Thulia: A tale of the Antarctic (1843)*: The earliest Antarctic poem and its musical setting, in Hince, B., Summerson, R., and Wiesel, A. (eds), *Antarctica: Music, Sounds and Cultural Connections*. Canberra: ANU Press. doi.org/10.22459/AMSCC.04.2015.03.
- Truswell, E.M., and Macphail, M.K., 2009. Polar forests on the edge of extinction. What does the fossil spore and pollen evidence from East Antarctica say? *Australian Systematic Botany*, 22: 57–106. doi.org/10.1071/SB08046.
- USGS, 2012. Historical Perspective. Last updated 8 July 2012, pubs.usgs.gov/publications/text/historical.html.
- Vine, F.J., and Matthews, D.H., 1963. Magnetic anomalies over oceanic ridges. *Nature*, 199(4897): 947–949. doi.org/10.1038/199947a0.
- von Humboldt, A., 1852. *A Sketch of a Physical Description of the Universe*. Vol. 4. Otte, E.C. (trans.). London: Henry G. Bohn.
- von Rosenstein, N.R., 1776. *The Diseases of Children, and their Remedies*. London: Printed for T. Cadell.
- Wästberg, P., 2010. *The Journey of Anders Sparrman: A Biographical Novel*. Geddes, T. (trans.). London: Granta Books.
- Wegener A., 1911. *Thermodynamik der Atmosphäre*. Leipzig: J.A. Barth.
- Wegener, A., 1966. *The Origins of Continents and Oceans*. From 4th edition, 1929, Biram, J. (trans.). New York: Dover Publications Inc.
- Wild, J.J., 1878. *At Anchor: A Narrative of Experiences Afloat and Ashore during the Voyage of H.M.S. Challenger, from 1872 to 1876*. London: M. Ward.
- Wilson, J.T., 1965. A new class of faults and their bearing on continental drift. *Nature* 207: 343–47. doi.org/10.1038/207343a0.
- Woods Hole Oceanographic Institute, 1999. Profiles and Interviews: Marie Tharp [source Tharp 1999, above]. www.whoi.edu.

Wyville Thomson, C., and Murray, J., 1885. *Report on the scientific results of the voyage of HMS Challenger during the years 1873–76*. Narrative Vol. 1. London: Her Majesty's Stationery Office.

Zachos, J., Pagani, L., Sloan, E., Thomas, E., and Billups, K., 2001. Trends, rhythms and aberrations in global climate 65Ma to present. *Science*, 292(5517): 686–93. doi.org/10.1126/science.1059412.

This text is taken from *A Memory of Ice: The Antarctic Voyage of the
Glomar Challenger*, by Elizabeth Truswell, published 2019 by ANU Press,
The Australian National University, Canberra, Australia.