Record Nr. UNINA9910340845203321 Autore Truswell Elizabeth Titolo A memory of ice: the Antarctic voyage of the Glomar Challenger / / Elizabeth Truswell Pubbl/distr/stampa ANU Press, 2019 Acton, ACT:,: Australian National University Press,, [2019] ©2019 **ISBN** 1-76046-295-0 Descrizione fisica 1 online resource (246 pages): color illustrations, maps Soggetti Antarctica Autobiography: science, technology & medicine Palaeontology Antarctica Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references. Nota di contenuto To sea in search of the forests -- But first, the plateau -- Across the spreading ridge -- Crossing the path of HMS Challenger -- Encounter with Captain James Cook -- The memory of ice -- The continent's imprint -- Into the fabled Sea -- Traces of the forest -- An intensity of green. Sommario/riassunto "In the southern summer of 1972/73, the Glomar Challenger was the first vessel of the international Deep Sea Drilling Project to venture into the seas surrounding Antarctica, confronting severe weather and everpresent iceberas. A Memory of Ice presents the science and the excitement of that

voyage in a manner readable for non-scientists. Woven into the modern story is the history of early explorers, scientists and navigators who had gone before into the Southern Ocean. The departure of the Glomar

Challenger from Fremantle took place 100 years after the HMS Challenger weighed anchor from Portsmouth, England, at the start of its four-year voyage, sampling and dredging the world's oceans. Sailing south, the Glomar Challenger crossed the path of James Cook's HMS Resolution, then on its circumnavigation of Antarctica in search of the

Great South Land. Encounters with Lieutenant Charles Wilkes of the US Exploring Expedition and Douglas Mawson of the Australasian Antarctic Expedition followed. In the Ross Sea, the voyages of the HMS Erebus and HMS Terror under James Clark Ross, with the young Joseph Hooker as botanist, were ever present.

The story of the Glomar Challenger's iconic voyage is largely told through the diaries of the author, then a young scientist experiencing science at sea for the first time. It weaves together the physical history of Antarctica with how we have come to our current knowledge of the polar continent. This is an attractive, lavishly illustrated and curiosity-satisfying read for the general public as well as for scholars of science."