

A *NATURALIST'S VOYAGE.*

JOURNAL OF RESEARCHES
INTO THE
NATURAL HISTORY AND GEOLOGY

OF THE
COUNTRIES VISITED DURING THE VOYAGE OF
H.M.S. 'BEAGLE' ROUND THE WORLD.

UNDER THE
Command of Capt. FitzRoy, R.N.

BY CHARLES DARWIN, M.A., F.R.S.,
AUTHOR OF 'ORIGIN OF SPECIES,' ETC.

SEVENTEENTH THOUSAND

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TO

CHARLES LYELL, Esq., F.R.S.,

THIS SECOND EDITION IS DEDICATED WITH GRATEFUL PLEASURE, AS
AN ACKNOWLEDGMENT THAT THE CHIEF PART OF WHATEVER
SCIENTIFIC MERIT THIS JOURNAL AND THE OTHER WORKS OF THE
AUTHOR MAY POSSESS, HAS BEEN DERIVED FROM STUDYING THE
WELL-KNOWN AND ADMIRABLE

PRINCIPLES OF GEOLOGY.

P R E F A C E.

I HAVE stated in the preface to the first Edition of this work, and in the Zoology of the Voyage of the Beagle, that it was in consequence of a wish expressed by Captain Fitz Roy, of having some scientific person on board, accompanied by an offer from him of giving up part of his own accommodations, that I volunteered my services, which received, through the kindness of the hydrographer, Captain Beaufort, the sanction of the Lords of the Admiralty. As I feel that the opportunities which I enjoyed of studying the Natural History of the different countries we visited, have been wholly due to Captain Fitz Roy, I hope I may here be permitted to repeat my expression of gratitude to him ; and to add that, during the five years we were together, I received from him the most cordial friendship and steady assistance. Both to Captain Fitz Roy and to all the Officers of the Beagle * I shall ever feel most thankful for the undeviating kindness with which I was treated during our long voyage.

This volume contains, in the form of a Journal, a history of our voyage, and a sketch of those observations in Natural History and Geology, which I think will possess some interest for the general reader. I have in this edition largely condensed and corrected some parts, and have added a little to others, in order to render the volume more fitted for popular reading ; but I trust that naturalists will remember, that they must refer for details to the larger publications, which comprise the scientific results of the Expedition. The Zoology of the Voyage of the Beagle includes an account of the Fossil Mammalia, by Professor Owen ; of the Living Mammalia, by Mr. Waterhouse ; of the Birds, by Mr. Gould ; of the Fish, by the Rev. L. Jenyns ; and of the Reptiles, by Mr. Bell. I have appended to the descriptions of each species an account of its habits and range. These works, which I owe to the high

* I must take this opportunity of returning my sincere thanks to Mr. Bynoe, the surgeon of the Beagle, for his very kind attention to me when I was ill at Valparaiso.