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By Grant Allen.

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EDITED BY ANDREW LANG

CHARLES DARWIN

BY

GRANT ALLEN

LONDON
LONGMANS, GREEN, AND CO.
1885

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PREFACE

In this little volume I have endeavoured to present the life and work of Charles Darwin viewed as a moment in a great revolution, in due relation both to those who went before and to those who come after him. nising, as has been well said, that the wave makes the crest, not the crest the wave, I have tried to let my hero fall naturally into his proper place in a vast onward movement of the human intellect, of which he was himself at once a splendid product and a moving cause of the first importance. I have attempted to show him both as receiving the torch from Lamarck and Malthus, and as passing it on with renewed brilliancy to the wide school of evolutionary thinkers whom his work was instrumental in arousing to fresh and vigorous activity along a thousand separate and varied lines of thought and action.

As Mr. Francis Darwin was already engaged upon a life of his father, I should have shrunk from putting

forth my own little book if I had not succeeded in securing beforehand his kind sanction. That sanction, however, was at once so frankly and cordially given, that all my hesitation upon such a score was immediately laid aside; and as I have necessarily had to deal rather with Darwin's position as a thinker and worker than with the biographical details of his private life, I trust the lesser book may not clash with the greater, but to some extent may supplement and even illustrate it.

Treating my subject mainly as a study in the interaction of organism and environment, it has been necessary for me frequently to introduce the names of living men of science side by side with some of those who have more or less recently passed away from among us. For uniformity's sake, as well as for brevity's, I have been compelled, in every instance alike, to omit the customary conventional handles. I trust those who thus find themselves docked of their usual titles of respect-will kindly remember that the practice is in fact adopted honoris causa; they are paying prematurely the usual penalty of intellectual greatness.

My obligations to Professor Huxley, to Professor Fiske, to Mr. Herbert Spencer, to Professor Sachs, to Hermann Müller, to Dr. Krause, to Charles Darwin himself, and to many other historians and critics of evolutionism, will be sufficiently obvious to all instructed

readers, and are for the most part fully acknowledged already in the text. It would be absurd to overload so small and popularly written a book with references and authorities. I hope, therefore, that any other writers to whom I may inadvertently have neglected to confess my debts will kindly rest satisfied with this general acknowledgment. There are, however, three persons in particular from whom I have so largely borrowed facts or ideas that I owe them more special and definite thanks. From Mr. Woodall's admirable paper on Charles Darwin, contributed to the 'Transactions of the Shropshire Archæological Society,' I have taken much interesting information about my hero's immediate ancestry and early days. From Mr. Samuel Butler, the author of 'Evolution Old and New,' I have derived many pregnant suggestions with regard to the true position and meaning of Buffon, Erasmus Darwin, and the early essentially teleological evolutionists-suggestions which I am all the more anxious to acknowledge since I differ fundamentally from Mr. Butler in his estimate of the worth of Charles Darwin's distinctive discovery of natural selection. Finally, to Mr. Bates, the 'Naturalist on the Amazons,' I am indebted for several valuable items of information as to the general workings of the pre-Darwinian evolutionary spirit.

In a book dealing so largely with a contemporary

PREFACE

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movement, the history of which has never yet been consecutively written down in full, or subjected as a whole to searching criticism, there must probably be many errors of detail, which can hardly be avoided under such circumstances. I have endeavoured to minimise them as far as possible. For those which may have escaped my own scrutiny I must trust both for correction and for indulgence to the kindness of my readers.

CONTENTS

CHAPT	ER	PAGE
I.	THE WORLD INTO WHICH DARWIN WAS BORN	1
II.	CHARLES DARWIN AND HIS ANTECEDENTS	20
III.	EARLY DAYS	31
IV.	DARWIN'S WANDER-YEARS	38
v.	THE PERIOD OF INCUBATION	. 58
VI.	THE ORIGIN OF SPECIES	79
vii.	THE DARWINIAN REVOLUTION BEGINS	112
VIII.	THE DESCENT OF MAN	132
ıx.	THE THEORY OF COURTSHIP	144
x.	VICTORY AND REST	155
xı.	DARWIN'S PLACE IN THE EVOLUTIONARY MOVEMENT	177
XII.	THE NET RESULT	193
	TNDEY	

INDEX.

AGASSIZ

AGASSIZ, 17, 33
Anticipations of natural selection, 81
'Antiquity of Man,' 120
Astronomy, 15

BADEN-POWELL, 78
Bahia, 43
Bates, 18; in Brazil, 79; on mimicry, 117

'Beagle,' voyage of the, 38; Zoology of, 59
Bell, Sir C., 155
Boucher de Perthes, 120
Brazil, 43
British Association, 118
Buffon, 7

CHAMBEES, Robert, 18; his 'Vestiges of Creation,' 70 Colenso on the Pentateuch, 121 'Coral Reefs,' 68 Cuvier, 12; as a geologist, 13; system of animals, 63

DARWIN

DARWIN, Charles, his ancestry, 20; birth, 27; birthplace, 31; contemporaries, education, 34; at Edinburgh University, ib.; at Cambridge, 35; starts on the voyage of the 'Beagle,' 38: returns to England, 58; publishes his journal, 59; plans 'Origin of Species,' 60; elected to Royal Society, 64; secretary to Geological Society, 64; marries, ib.; publishes 'Coral Reefs,' 68; geological observations, 76; Monograph on Barnacles, ib.; publishes 'Origin of Species,' 86; its success, 112; second edition, 114; variation of animals and plants, 125; pangenesis, 126; fertilisation of orchids, 127; Descent of Man, 132; later works, 155; last illness and death, 173; character, 174; place in evolutionary movement,

DARWIN

177; outcome of his work, 192

Darwin, Erasmus, 10; his life, 20; appearance, 21; poems, ib.; 'Zoonomia, 21; 'Temple of Nature,' 25; his marriages, 25; on descent of man, 133; on sexual selection, 146

Darwin, Erasmus, the younger, 34

Darwin, Robert, 20

Darwin, Robert Waring, 25, 26; his home, 31

De Candolle, 63

Down House, Darwin settles at, 65

Du Chaillu, 134

EARTHWORMS, 66, 168 Edgeworth, 25 Evolution, general theory of, 177

FILHOL, 168
Fiske, Prof., 58; on natural selection, 130
Fitzroy, Captain, 38
Fuegians, 51

GALAPAGOS ISLANDS, 52
Galton, Francis, 27
Gaudry, 168
Geology, rise of, 13; evolutionary aspect of, 180
Goethe, 9, 12; on animal origin of man, 133
Gorilla, 134
Gray, Asa, 78, 124

LYELL

HAECKEL, letter to, 67; 'History of Creation,' 124; on sexual selection, 151 Henslow, Prof., 35; recommends Darwin to Fitzroy, 38; at Oxford, 118 Herbert, Dean, 18 Herschel, Sir Wm., 15 Holland, Sir Henry, 27 Hooker, Sir Joseph, 74; on catasetum, 78; accepts Darwinism, 117; publishes his 'Flora of Australia,' ib. Horner, Leonard, 17 Humboldt, 33 Huxley, Prof., lecture at Royal Institution, 117; 'Man's Place in Nature,' 122; on coming of age of 'Origin of Species,' 166

JUSSIEU, 63

KANT, nebular hypothesis, 15 Knight's law, 159 Kölreuter, 159

LAMARCK, 10; Darwin's read-

ing of, 47; on descent of man, 133

Laplace, nebular hypothesis, 15
Lecoq, 18
Linnæus, 6; his artificial system, 63

Lyell, 14, 64; 'Principles of Geology,' 69; extract from letters, 78; anticipations of

MALTHUS

natural selection, 99; slow acceptance of Darwinism, 119; 'Antiquity of Man,' 120

MALTHUS, 15; influence on Darwin, 50, 67, 74, 94 Matthew, Patrick, 18; extracts from, 82 Mimicry, 79 Monte Video, Darwin at, 46 Mould, formation of, 66 Mount, the, 31 Müller, Fritz, 124 Müller, Hermann, 124 Murchison, 14

'NATURALIST on the Amazons,'
79
'Naturalist's Voyage round the
World ' published, 59
Natural system, 63
Nebular hypothesis, 15, 179
New Zealand, Darwin at, 54

OKEN, 17
'Origin of Species,' first planned, 60; projected, 78; published, 86; analysis of, 89; its success, 112; second edition, 114
Owen, Sir R., 33, 59; on types, 78

PANGENESIS, 126
'Philosophie Zoologique,' 12
Population, Malthus's essay on,
16, 51

VON BUCH

Powell, Baden-, 78
'Physiological Units,' 126
Psychology, evolution in, 183

RAFINESQUE, 69 Rio Janeiro, Darwin at, 45

ST. HILAIRE, Geoffroy, 9; the younger, 77 St. Paul's Rocks, 43 Sexual selection, first glimpse of, 45; Darwin's theory of, Smith, William, 13 Sociology, 183 Herbert, Spencer, 17; 'Vestiges of Creation,' 72; essay in the 'Leader,' 77; 'Principles of Psychology,' ib.; essay in 'Westminster Review,' 84; extracts from 'Leader' essay, 88; accepts Darwin's theory, 118; 'Principles of Biology, ib.; 'Physiological Units,' 126; theory of evolution, 191 Sprengel, 103, 158

THOMPSON, Allen, 163 Treviranus, 17 Tucutuco, 47 Tyndall, Prof., 163

'VESTIGES of Creation,' 18; criticism of, 70 Von Baer, 18 Von Buch, 18

WALLACE

Wallace, Alfred Russel, 18; goes to Brazil, 79; publishes his travels, 80; in Malay archipelago, ib.; discovers natural selection, ib.; paper at Linnean Society, 81; on sexual selection, 153 Wedgwood, Emma, 65 Wedgwood, Hensleigh, 27 Wedgwood, Josiah, 27, 28 Wedgwood, Susannah, 27

ZOONOMIA

Wells, Dr., anticipates natural selection, 81 White, Gilbert, on worms, 169 Wollaston, 18 Worms, action of, 66, 168 Wright, Chauncey, 124

'Zoonomia,' Erasmus Darwin's, 22

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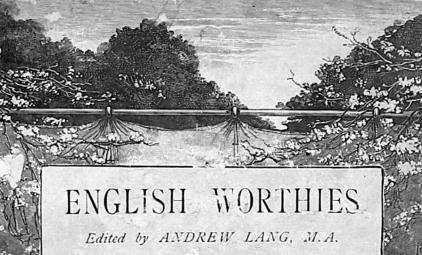
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