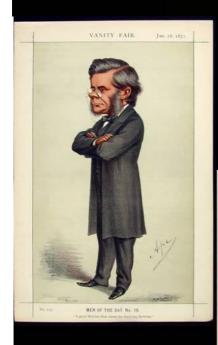
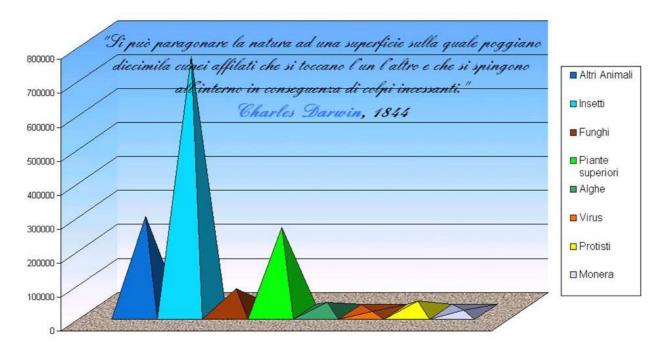
Il pluralismo divulgativo attraverso la biologia evoluzionistica di Giorgio Narducci







Biodiversità totale per numero di specie

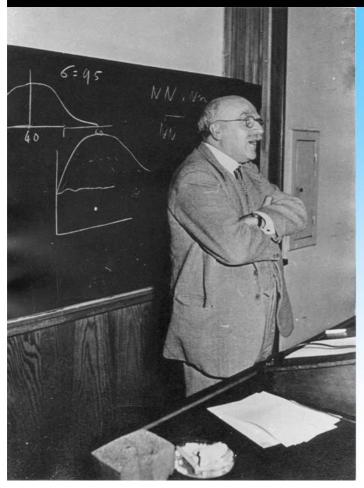






"Go it Charlie!"



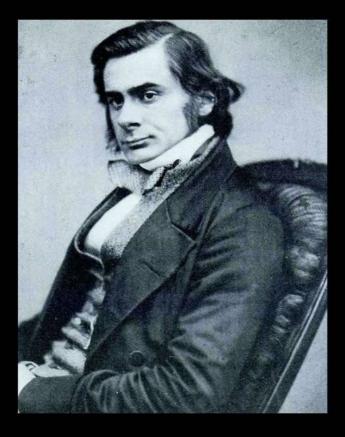


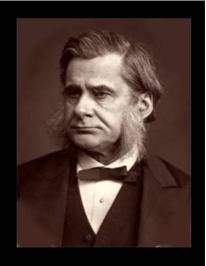
Si narra questo aneddoto su J.B.S. Haldane, raccontato da G.E.Hutchinson:

Haldane si trovava in compagnia di un gruppo di teologi.

Alla domanda, rivoltagli da uno di loro, che cosa si potesse concludere sulla natura del Creatore dallo studio della creazione, avrebbe risposto:

> "Che aveva una passione smodata per i Coleotteri".





Thomas Henry Huxley (1825-1895)



"He was the Paul of the scientific apostles"

"His aggressive humour"

"The lectures were not without humour, but it was not of the most kindly character"

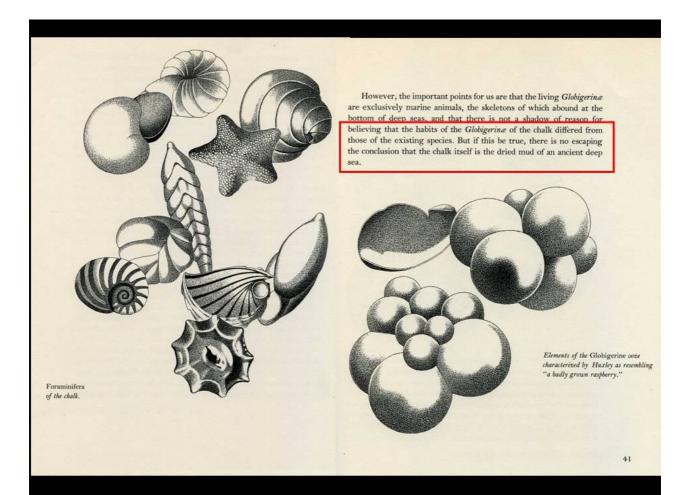
"The chief impression was the intense love of the lecturer for honesty and truth, and this quality was characteristic of the way in which the facts and theories of the lectures were put before the students."

Feb. 13, 1903.

T.P.'s WEEKLY.

PROFESSOR HUXLEY AS TEACHER.

By One of His Old Students.



A practical example is his famous essay *On a piece of chalk*, first published in *Macmillan's Magazine* in London, 1868.

The piece reconstructs the geological history of Britain, from a simple piece of chalk and demonstrates science as "organized common sense".

"If a well were sunk at our feet in the midst of the city of Norwich, the diggers would very soon find themselves at work in that white substance almost too soft to be called rock, with which we are all familiar as "chalk."

Not only here, but over the whole country of Norfolk, the well-sinker might carry his shaft down many hundred feet without coming to the end of the chalk; and, on the sea-coast, where the waves have pared away the face of the land which breasts them, the scarped faces of the high cliffs are often wholly formed of the same material.

Northward, the chalk may be followed as far as Yorkshire; on the south coast it appears abruptly in the picturesque western bays of Dorset, and breaks into the Needles of the Isle of Wight; while on the shores of Kent it supplies that long [2] line of white cliffs to which England owes her name of Albion."



Ray Lankester

by Leslie Ward, Vanity Fair 1905



Extinct Animals

E. RAY LANKESTER, M.A., LL.D., F.R.S. Director of the Natural History Departments of the British Museum; Correspondent of the Institute of France

WITH 218 ILLUSTRATIONS

LONDON ARCHIBALD CONSTABLE & CO LTD 1905

PREFACE

HIS volume is a corrected shorthand report of the course of lectures adapted to a juvenile audience given by meduring the Christmas holidays 1903-4 at the Royal Institution, London. The lantern slides which I used in the lectures have been converted into process blocks. Many of these were photographs specially prepared under my direction for the lectures, and are from specimens in the Natural History Museum. My desire was, as far as possible, to illustrate what I said by photographs taken from actual specimens. Some of these have come out fairly well as processblocks. For several of the slides and figures I have to thank my friend and colleague Dr. Arthur Smith Woodward, Keeper of the Geological Department of the Museum, to whom I am greatly indebted for kind help in many ways in regard to these lectures. I have

PREFACE

also to thank other friends for the loan of lantern-slides and consequent process-blocks, viz., Mr. R. Lydekker, Dr. Bather, Dr. Andrews and Mr. Pyecraft of the British Museum, and Professor Sollas of Oxford. I am also indebted to the Trustees of the British Museum for permission to use several figures of extinct animals taken from the guide-books to the Natural History Museum, published by their order, to Messrs. Macmillan & Co., and to Mr. John Murray.

I trust that this volume will not be regarded as anything more ambitious than an attempt to excite in young people an interest in a most fascinating study, and that it will be understood that it does not profess to give more than a peep at the strange and wonderful history of extinct animals.

E. RAY LANKESTER.

1905.

EXTINCT ANIMALS

neck, but it is striped on the legs and haunches, instead of being spotted. The most decisive point about its relationship is found in the canines of the lower jaw which, although small in size, are bifid or bi-foliate, as are those of the giraffe

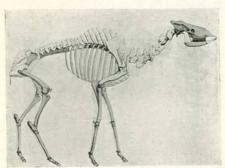


Fig. 114.—Restored skeleton of the giraffe-like animal Helladotherium, discovered in Miocene strata at Pikermi, near Athens, by M. Gaudry.

(see Fig. 111). Our specimen (Fig. 115) is about as big as a large stag; it has no horns, and is not adult. It is probably a female; the male, we now know, has a pair of horns (Fig. 116), and is extremely close, in the details of its skull, to the Samotherium (Fig. 113). Some fifteen speci-

162

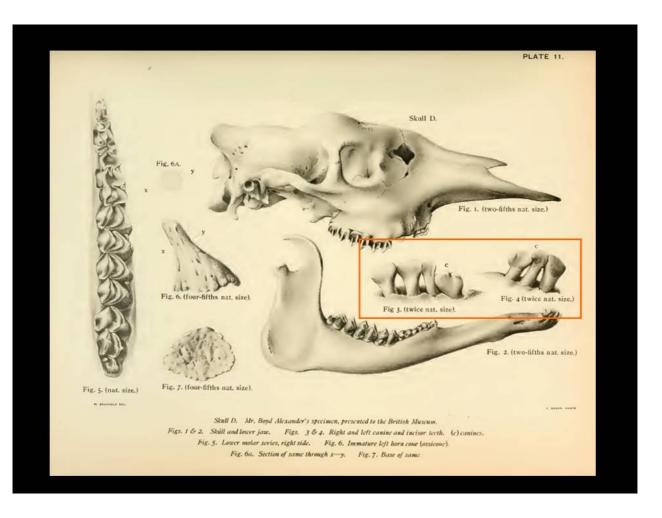
THE OKAPI

mens of this new and rare animal have been received in Europe since Sir Harry Johnston discovered it; it is probable that there are two species, a smaller and a larger, living both in the forests of the Congo in the centre of



Fig. 115.—Photograph of the specimen of the Okapi (Okapia erichsoni) obtained by Sir Harry Johnston near the Semliki river in Central Africa. The specimen is a female, not fully grown, and is of the size of a very large donkey.

Africa. As they live in these immense dark gloomy and damp forests they are very difficult to shoot or to catch, and moreover they are not abundant. The natives cut the striped skin into girdles and bands for ornament. Two of these were sent home by Sir Harry Johnston



"Io scrivo questi saggi in primo luogo per soddisfare il mio desiderio di imparare e di capire quanto più è possibile sulla natura nel breve spazio di tempo concesso."



Da *Il sorriso del fenicottero,* S. J. Gould, 1987, edizione originale 1985