

SCIENCE

VOL. 86

FRIDAY, SEPTEMBER 3, 1937

No. 2227

The History of Evolutionary Thought: SIR EDWARD B. POULTON 203

Obituary:

Vernon Lyman Kellogg: DR. ROBERT A. MILLIKAN 214

Scientific Events:

Expeditions of the Academy of Natural Sciences of Philadelphia; The Holden Expedition of the American Museum of Natural History; The A. W. Mellon Educational and Charitable Trust; Proposed Buildings for the National Institute of Health; Grants-in-Aid for Public Health Work; The Second National Conference on Educational Broadcasting 215

Scientific Notes and News 218

Discussion:

Upper Cretaceous Plants from Patagonia: PROFESSOR EDWARD W. BERRY. *Observation on Excitation of Fireflies by Explosions*: DR. RUDOLF RUEDEMANN. *Secondary Binocular Vision in Birds*: AUSTIN H. CLARK. *An Infectious Disease Causing Wide-spread Necrosis in the Liver of the Mexican Azoloti*: DR. CRANFORD HUTCHINSON and DR. BALDUIN LUCKÉ 221

Special Articles:

Some Oxidative Properties of Isolated Amphibian Germinal Vesicles: DR. JEAN BRACHET. *Cobalt as an Essential Element in Animal Nutrition*: DR. W. M. NEAL and DR. C. F. AHMANN. *Magnesium Sulfate—an Unsatisfactory Substitute for Arsenicals in Grasshopper Baits*: DR. ROGER C. SMITH. *Fitness, Sulfanilamide and Pneumococcus Infection in the Rabbit*: DR. ARTHUR LOCKE and OTHERS 225

Scientific Apparatus and Laboratory Methods:

An Electric Cardiometer: FRANKLIN HENRY 229

Science News 10

SCIENCE: A Weekly Journal devoted to the Advancement of Science, edited by J. MCKEEN CATTELL and published every Friday by

THE SCIENCE PRESS

New York City: Grand Central Terminal
Lancaster, Pa. Garrison, N. Y.

Annual Subscription, \$6.00 Single Copies, 15 Cts.

SCIENCE is the official organ of the American Association for the Advancement of Science. Information regarding membership in the Association may be secured from the office of the permanent secretary, in the Smithsonian Institution Building, Washington, D. C.

THE HISTORY OF EVOLUTIONARY THOUGHT¹ AS RECORDED IN MEETINGS OF THE BRITISH ASSOCIATION

Professor Sir EDWARD B. POULTON, D.Sc., LL.D., F.R.S.
HOPE PROFESSOR OF ZOOLOGY AT THE UNIVERSITY OF OXFORD

SIR WILLIAM THOMSON, in his address at Edinburgh in 1871, said that "the real origin of the British Association" was given in the words of a letter written by David Brewster to John Phillips on February 23, 1831, a few months before the first meeting: "The principal object of the Society would be to make the cultivators of science acquainted with each other, to stimulate one another to new exertions, and to bring the objects of science more before the public eye, and to take measures for advancing its interests and accelerating its progress." That the time was fully ripe for the birth of the association is made very clear by the words written by John Keble to a friend, referring to the D.C.L. degrees conferred, at the Oxford meeting in 1832, on David Brewster, Robert Brown, John Dalton

and Michael Faraday: "The Oxford Doctors have truckled sadly to the spirit of the times in receiving the hodge-podge of philosophers as they did"—an opinion on which Lord Salisbury commented at the Oxford meeting in 1894: "It is amusing at this distance of time, to note the names of the hodge-podge of philosophers whose academical distinctions so sorely vexed Mr. Keble's gentle spirit." It is not only amusing but pathetic that such words should have been used by a revered member of a university which had done splendid service for science, as has been so well shown in Dr. R. T. Gunther's volumes.²

Faced by the serious duty of preparing this address, I felt that the best hope of interesting you would be to choose a subject which has received special attention at our meetings. I have selected the progress of thought on organic evolution as it may be followed in addresses,

¹ Address of the president of the British Association for the Advancement of Science, given at Nottingham, September 1, 1937.

² "Early Science in Oxford," vols. i-xi.

Science

86 (2227)

Science **86** (2227), 10-230.

ARTICLE TOOLS

<http://science.sciencemag.org/content/86/2227.citation>

PERMISSIONS

<http://www.sciencemag.org/help/reprints-and-permissions>

Use of this article is subject to the [Terms of Service](#)

Science (print ISSN 0036-8075; online ISSN 1095-9203) is published by the American Association for the Advancement of Science, 1200 New York Avenue NW, Washington, DC 20005. 2017 © The Authors, some rights reserved; exclusive licensee American Association for the Advancement of Science. No claim to original U.S. Government Works. The title *Science* is a registered trademark of AAAS.