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### ANDREW CARNEGIE, PATRON OF LEARNING<sup>1</sup>

#### By Dr. JAMES B. CONANT

PRESIDENT OF HARVARD UNIVERSITY

WITH this evening's dinner we end a celebration which I am sure you will all agree has been most impressive. We bring to a conclusion this century's formal salutation to the memory of a most remarkable man. Now I am not qualified even to attempt to evaluate the part Andrew Carnegie played in the industrial development of this country; nor am I sufficiently informed as to the history of philanthropic enterprises to try to estimate the magnitude of the results accomplished by his immense donations. But it is clear even to the most casual observer that on this occasion we pay tribute to a unique personality, a single individual who had original ideas and the ability and character to put them into practice. When in Carnegie's own words "he resolved to stop accumulating and to begin the infinitely more serious and difficult task of wise distribution," he made for his day a novel decision. He turned a corner, as it were,

<sup>1</sup> Delivered at the Andrew Carnegie centenary dinner at the Waldorf-Astoria, New York, November 27, 1935. and the Anglo-Saxon world following him looked at an old problem from a new angle.

Andrew Carnegie departed from the beaten track both in accumulating his wealth and, what is vastly more important, in disposing of it. I like to think that among the other objects he had in mind in the distribution of his money was the idea that for generations to come his own unorthodox actions might enable other men in entirely different walks of life to be equally original. As Mr. Keppel has said, Carnegie in the conduct of his business believed in the importance of finding the right man and then betting on him heavily. The same principle, to my mind, may be applied throughout the whole range of human activities. Unfortunately nowadays this is too often overlooked in our research institutes and our universities. The scientific director of a large and successful company once said to me, "We could burn all the specifications for making our products, we could sink all our plants to the bottom of the Atlantic, but if we kept

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## A Significant Review

of

### BRANSON AND TARR'S

### INTRODUCTION TO GEOLOGY

By E. B. BRANSON Professor of Geology and Paleontology, University of Missouri

and W. A. TARR Professor of Geology and Mineralogy, University of Missouri

463 pages, 6 x 9, 455 illustrations. \$3.75

"It has been the aim of the authors of this book to write a text suitable for one semester's course in which the principles of both physical and historical geology must be presented. Their declared purpose has been to emphasize principles and geologic reasoning rather than to deluge the beginner with facts and technicalities; to provide an enjoyable review of the field without burdening the student with detail and terminology forgotten immediately after the examination; to present the essential facts and principles clearly and simply, bearing in mind that very few members of any beginning course ever become professional geologists.

"A perusal of the book discloses that they have accomplished their purposes to a high degree. The long teaching experience of both of the authors is readily apparent in the thorough organization and simple and clear presentation of the subject matter, and in the complete manner in which the text is illustrated. A chapter on the organization of matter leads to the subject of volcanism and igneous rocks, and this is followed by a discussion of the weathering of igneous rocks. Attention now logically turns to the physical agents and succeeding chapters treat of the work of running water, ground water and the ocean. Sedimentary rocks and then metamorphic rocks are treated at this point, after which the discussion turns back to snow and ice and their geologic work, and the work of the wind. Chapters on structures and diastrophism, and earthquakes complete the part devoted to physical geology. It comprises 300 of the 450 pages of the book.

"In the beginning chapters of Part II, Historical Geology, care is taken to explain the principles by which earth history is deduced, before the facts concerning the Pre-Cambrian and Cambrian are presented. The Paleozoic is treated in three chapters as Lower, Middle and Upper; three chapters are devoted to the Mesozoic, and one each to the Cenozoic and the Pleistocene. A special chapter on petroleum geology is inserted after the one on the Lower Paleozoic. The paleogeographic maps are clear, well drawn and make a pleasing appearance.

"The book is profusely illustrated, there being few facing pages without at least one picture or diagram. For the most part the pictures are well selected to illustrate the text and the majority are excellent photographs well reproduced. But to those geologists who are averse to the use of retouched photographs, it will be a source of regret that it was necessary to use so many negatives that had to be retouched.

"Teachers of introductory courses in geology should find this a very usable text."

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