James as a Philosopher: Professor Josiah Royce ........................................ 33

Howell's Relief Maps and the Naturalistic Land Model: G. C. Curtis .................. 45

A Fund for Public School Betterment in Pittsburgh ........................................ 47

Honorary Members of the American Physical Education Association ................. 47

Scientific Notes and News ................................................................. 48

University and Educational News ......................................................... 50

Discussion and Correspondence:— Concerning the Nematocysts of Microstoma: Dr. Otto C. Glaser. Double Mutants in Silkworms: Dr. W. J. Spillman. Exploded Theories and Theological Prejudices: Professor G. Frederick Wright ........ 51

Quotations:— The President and the Food and Drugs Act .......................... 53

Scientific Journals and Articles ................. ........................................ 53

Scientific Books:— Ditmars's Reptiles of the World: Professor Alexander G. Ruthven. Shantz on Natural Vegetation: Professor Frederic E. Clements. Von Kirchner on Blumen und Insekten: Professor W. M. Wheeler ... 54

Special Articles:— A New Specific Gravity Balance: Professor Austin F. Rogers. What caused the Drumlins? Colonel John Millis. The Relation between Photosynthesis of Carbon Dioxide and Nitrate Reduction: Herman A. Spoehr ........................................ 58

MSS, intended for publication and books, etc., intended for review should be sent to the Editor of SCIENCE, Garrison-on-Hudson, N. Y.

James as a Philosopher

Fifty years since, if competent judges were asked to name the American thinkers from whom there had come novel and notable and typical contributions to general philosophy, they could in reply mention only two men—Jonathan Edwards and Ralph Waldo Emerson. For the conditions that determine a fair answer to the question, "Who are your representative American philosophers?" are obvious. The philosopher who can fitly represent the contribution of his nation to the world's treasury of philosophical ideas, must first be one who thinks for himself, fruitfully, with true independence, and with successful inventiveness, about problems of philosophy. And, secondly, he must be a man who gives utterance to philosophical ideas which are characteristic of some stage and of some aspect of the spiritual life of his own people. In Edwards and in Emerson, and only in these men, had these two conditions found their fulfilment, so far as our American civilization had yet expressed itself in the years that had preceded our civil war. Edwards, in his day, made articulate some of the great interests that had moulded our early religious life. The thoughts which he most discussed were indeed, in a sense, old, since they largely concerned a traditional theology. Yet both in theology and general philosophy, Edwards was an originator. For he actually rediscovered some of the world's profoundest ideas

1 Oration delivered on June 29 at the annual exercises of the Harvard Chapter of Phi Beta Kappa.