## SCIENCE

FRIDAY, AUGUST 28, 1914

CONTENTS	
The Address of the President of the British Association for the Advancement of Science: Dr. William Bateson	287
Morphology of the Bacteria: Dr. Joseph Leidy	302
The South African Association for the Advancement of Science	306
The Pacific Fisheries Society	306
The American Chemical Society	307
Scientific Notes and News	308
University and Educational News	311
Discussion and Correspondence:—  Distinction of the Sexes in Phrynosoma:  W. M. Winton. Cahokia or Monks Mound Not of Artificial Origin: A. R. Crook	311
Scientific Books:—  Ishii on the Geology of the Yang-tze Valley: Professor Eliot Blackwelder. Drude on the Ecology of Plants: Professor John W. Harshberger. Pearson's Tables for Statisticians and Biometricians. Mellor's Quantitative Inorganic Analysis: Professor D. J. Demorest	312
The College Curriculum: Professor R. S. Woodworth	315
Special Articles:—	
On Some Non-specific Factors for the Entrance of the Spermatozoon into the Egg: PROFESSOR DR. JACQUES LOEB	316

MSS. intended for publication and books, etc., intended for review should be sent to Professor J. McKeen Cattell, Garrison-on-Hudson, N. Y.

ADDRESS OF THE PRESIDENT OF THE BRITISH ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE<sup>1</sup>

THE outstanding feature of this meeting must be the fact that we are here—in Australia. It is the function of a president to tell the Association of advances in science, to speak of the universal rather than of the particular or the temporary. There will be other opportunities of expressing the thoughts which this event must excite in the dullest heart, but it is right that my first words should take account of those achievements of organization and those acts of national generosity by which it has come to pass that we are assembled in this country. Let us, too, on this occasion, remember that all the effort, and all the goodwill, that binds Australia to Britain would have been powerless to bring about such a result had it not been for those advances in science which have given man a control of the forces of nature. For we are here by virtue of the feats of genius of individual men of science, giantvariations from the common level of our species; and since I am going soon to speak of the significance of individual variation, I can not introduce that subject better than by calling to remembrance the line of pioneers in chemistry, in physics, and in engineering, by the working of whose rare or, if you will, abnormal—intellects a meeting of the British Association on this side of the globe has been made physically possible.

I have next to refer to the loss within

<sup>1</sup> Delivered at Melbourne on August 14. The second part of the address, delivered at Sydney on August 20, will be printed next week.