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James McKeen Cattell—In Memoriam

<i>Organizer of American Science:</i> DR. EDWIN G. CONKLIN	151
<i>Contributions to Psychology and Education:</i> DR. EDWARD L. THORNDIKE	154
<i>As I Knew Him in the American Association for the Advancement of Science:</i> DR. BURTON E. LIVINGSTON	155
<i>His Service to Science:</i> DR. ANTON J. CARLSON	158
<i>Resolution of the Executive Committee</i>	159
<i>Some Personal Characteristics:</i> DR. R. S. WOODWORTH	160
<i>The Psychological Corporation:</i> DR. PAUL S. ACHILLES	161
<i>Science Service:</i> WATSON DAVIS	162
<i>In Memoriam:</i> DR. L. O. HOWARD	163
<i>Leader in Science:</i> DR. G. H. PARKER	163
<i>Humanitarian—A Reminiscence:</i> DR. HENRY NORRIS RUSSELL	164
<i>Courageous Leader:</i> DR. W. F. G. SWANN	164

Scientific Events:

<i>The Greenwich Royal Observatory; The Institute of Technology and Plant Industry at the Southern Methodist University; The Argentine Citizens Declaration; Award of the Willard Gibbs Medal</i>	165
<i>Scientific Notes and News</i>	166
<i>Science News</i>	10

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JAMES McKEEN CATTELL—IN MEMORIAM ORGANIZER OF AMERICAN SCIENCE

By Dr. EDWIN G. CONKLIN

PRINCETON UNIVERSITY

THE measure of a man's influence on science in his own and future generations may be taken (1) by his personal contributions to knowledge in his chosen field and (2) by his contributions to the organization of agencies, facilities and institutions which serve to coordinate and implement the labors of others. The former may be called his individual, the latter his social contributions to the advancement of science. Measured by either of these scales the work of J. McKeen Cattell was very important. His work began and his reputation was made with detailed work in experimental psychology. For ten years from 1885 to 1895 his published work was limited to researches in this field and resulted in more than thirty contributions from the psychological laboratory. Throughout his long life he maintained active interest in psychological research and its influence permeated all his later work.

The social aspect of his work, represented by the organization of science and scientists, had its rise and center in his work as editor and publisher of scientific

journals and the opportunities which this brought him. The weekly journal SCIENCE, which he acquired in 1894, became under his ownership and editorial management one of the most important factors in the organization of science in America. A brief review of the earlier and later history of this journal will indicate the nature of the problem which it posed and the splendid way in which Cattell met it.

Science, An Illustrated Journal published weekly, was started in 1883 and was published first at Cambridge, Mass., by The Science Company. I have found no statement of the persons composing this company, but it is known that Alexander Graham Bell and one other person gave it large financial support. From 1883 to 1885 S. H. Scudder was editor and N. D. C. Hodges assistant editor. From 1885 until 1894, when its publication suddenly ceased, N. D. C. Hodges served as editor and his name replaces that of The Science Company on the title page, indicating that he was the owner. Volumes I to IX appeared in a format similar to that of *Nature*, with

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