

SCIENCE

EDITORIAL COMMITTEE: S. NEWCOMB, Mathematics; R. S. WOODWARD, Mechanics; E. C. PICKERING, Astronomy; T. C. MENDENHALL, Physics; R. H. THURSTON, Engineering; IRA REMSEN, Chemistry; J. LE CONTE, Geology; W. M. DAVIS, Physiography; O. C. MARSH, Paleontology; W. K. BROOKS, Invertebrate Zoölogy; C. HART MERRIAM, Vertebrate Zoölogy; S. H. SCUDDER, Entomology; N. L. BRITTON, Botany; HENRY F. OSBORN, General Biology; H. P. BOWDITCH, Physiology; J. S. BILLINGS, Hygiene; J. McKEEN CATTELL, Psychology; DANIEL G. BRINTON, J. W. POWELL, Anthropology.

FRIDAY, SEPTEMBER 6, 1895.

CONTENTS:

<i>Seventh Summer Meeting of the Geological Society of America</i> : J. F. KEMP.....	277
<i>The Relations of the Industries to the Advancement of Chemical Science</i> : WILLIAM McMURTIE.....	283
<i>American Microscopical Society</i>	296
<i>Engineering Notes</i> :—.....	298
<i>The British Institute of Mechanical Engineers; The Congress of Sanitary Engineers and Architects; General</i> : R. H. THURSTON.....	299
<i>Scientific Notes and News</i>	301
<i>University and Educational News</i>	301
<i>Correspondence</i> :—.....	303
<i>The Nature of Vowels</i> : WESLEY MILLS. <i>The 'Date of Publication' in the Light of the Law of Priority</i> : HERBERT HAVILAND FIELD. <i>Electric Storm on Mount Elbert, Colorado</i> : P. A. WELKER.....	306
<i>Scientific Literature</i> :—.....	306
<i>Gage's Principles of Physics</i> : W. LE CONTE STEVENS. <i>Engel's Theorie der Parallellinien von Euclid bis auf Gauss</i> : GEORGE BRUCE HALSTED. <i>Boas' Chinook Texts, Nicolai's Life and Traditions of the Red Man</i> : A. S. G. <i>Dennert's Vergleichende Pflanzenmorphologie</i> : JOHN W. HARSHBERGER.....	312
<i>Scientific Journals</i> :—.....	312
<i>The Botanical Gazette; Psyche</i>	312
<i>New Books</i>	312

MSS. intended for publication and books, etc., intended for review should be sent to the responsible editor, Prof. J. McKeen Cattell, Garrison on Hudson, N. Y.
Subscriptions and advertisements should be sent to SCIENCE, 41 N. Queen St., Lancaster, Pa., or 41 East 49th St., New York.

SEVENTH SUMMER MEETING OF THE GEOLOGICAL SOCIETY OF AMERICA.

THE seventh summer meeting of the Geological Society of America convened in Springfield, Mass., August 27th and 28th, 1895. The Council assembled the evening before, prepared the program of

the meeting and formulated such other business as was necessary to present to the Society the following day. The fellows and their friends to the number of thirty-five assembled in the new City Art Museum at 10 A. M., August 27th. The meeting was called to order by President Shaler, who introduced Dr. William Rice, Secretary of the Library Association of Springfield. Dr. Rice welcomed the Society in a few happily chosen remarks, from which the Society learned that they were the first organization to occupy the building. President Shaler replied to the address. Brief memorial mention was made of Professor Henry B. Nason, of Troy, and Professor James D. Dana, of New Haven, the two fellows who had passed away since the last meeting. Extended memorials were, however, postponed to the winter meeting, according to the usual custom. The Secretary announced the election of the following fellows: S. P. Baldwin, Cleveland; O. C. Farrington, Chicago; G. P. Grimsley, Topeka, Kansas; F. P. Gulliver, Norwich, Connecticut; J. B. Hatcher, Princeton, New Jersey; E. B. Matthews, Baltimore; J. C. Merriam, Berkeley, California; H. B. C. Nitze, Baltimore; F. L. Ransome, Berkeley, California; Charles Schuchert, Washington, D. C.; J. A. Taff, Washington, D. C. The report of the committee on the preparation of a card catalogue of scientific literature, which was printed in the