

# SCIENCE

A WEEKLY JOURNAL DEVOTED TO THE ADVANCEMENT OF SCIENCE, PUBLISHING THE  
OFFICIAL NOTICES AND PROCEEDINGS OF THE AMERICAN ASSOCIATION  
FOR THE ADVANCEMENT OF 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; CHARLES D. WALCOTT, Geology; W. M. DAVIS, Physiography; HENRY F. OSBORN, Paleontology; W. K. BROOKS, C. HART MERRIAM, Zoology; S. H. SCUDDER, Entomology; C. E. BESSEY, N. I. BRITTON, Botany; C. S. MINOT, Embryology, Histology; H. P. BOWDITCH, Physiology; J. S. BILLINGS, Hygiene; WILLIAM H. WELCH, Pathology; J. McKEEN CATTELL, Psychology; J. W. POWELL, Anthropology.

FRIDAY, JANUARY 10, 1902.

## CONTENTS:

<i>The American Society of Naturalists:—</i>	
<i>The Chicago Meeting</i> .....	41
<i>The Modern Subjection of Science and Education to Propaganda</i> : PROFESSOR WILLIAM T. SEDGWICK.....	44
<i>A Summer's Dredging on the Coast of Southern California</i> : PROFESSOR W. E. RITTER..	55
<i>Scientific Books:—</i>	
<i>Bovey's Treatise on Hydraulics</i> : PROFESSOR I. P. CHURCH. <i>Seeley's Dragons of the Air</i> : PROFESSOR S. W. WILLISTON. <i>Papers on Engineering</i> : PROFESSOR R. H. THURSTON .....	65
<i>Scientific Journals and Articles</i> .....	70
<i>Societies and Academies:—</i>	
<i>New York Academy of Sciences, Section of Astronomy, Physics and Chemistry</i> : DR. F. L. TUFTS. <i>Torrey Botanical Club</i> : MARSHALL A. HOWE. <i>Northern Section of the American Chemical Society</i> : DR. HENRY FAY.....	71
<i>Discussion and Correspondence:—</i>	
<i>The Measurement of Wind at Sea</i> : A. LAWRENCE ROTCH. <i>The Andrew Carnegie Research Scholarship</i> : BENNETT H. BROUGH..	72
<i>Current Notes on Physiography:—</i>	
<i>The Washington Folio</i> ; <i>Physiographic Ecology</i> ; <i>The Coast Plain of Norway</i> ; <i>Swedish Glacial Lakes</i> : PROFESSOR W. M. DAVIS .....	74
<i>Botanical Notes:—</i>	
<i>Popularizing Forestry Information</i> ; <i>Titles of Recent Articles and Pamphlets</i> ; <i>Supplement to Nicholson's Dictionary of Gardening</i> : PROFESSOR CHARLES E. BESSEY.....	75
<i>The Carnegie Institution</i> .....	77
<i>Scientific Notes and News</i> .....	77
<i>University and Educational News</i> .....	80

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

## THE AMERICAN SOCIETY OF NATURALISTS.

### THE CHICAGO MEETING.

THE meetings of the American Society of Naturalists and of the affiliated societies held last week in Chicago were not only important for the scientific work presented, but were also noteworthy as marking an epoch in the organization of science in America. The nineteenth century is regarded on all sides as the era of science. It was also an era of individualism in science, as in business and in political institutions. Historical developments do not usually occur to fit the calendar, but it has so happened that the first year of the present century has witnessed in America an extraordinary advance toward that organization of science and that cooperation among scientific men, which will probably be typical of the century.

The American Association for the Advancement of Science met last August in Denver, passing for the first time beyond the banks of the Mississippi, and becoming national in fact as well as in name. The Association also became at the Denver meeting truly representative, not only of the whole country, but also of all the sciences,