

# 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. HAET MERRIAM, Zoology; S. H. SCUDDER, Entomology; C. E. BESSEY, N. L. BRITTON, Botany; C. S. MINOT, Embryology, Histology; H. P. BOWDITCH, Physiology; WILLIAM H. WELCH, Pathology; J. McKEEN CATTELL, Psychology.

FRIDAY, JUNE 5, 1903.

## CONTENTS:

*American Association for the Advancement of Science:—*

*Section I, Social and Economic Science:*  
FRANK H. HITCHCOCK..... 881

*The Edentata of the Santa Cruz Beds: PROFESSOR W. B. SCOTT..... 900*

*Scientific Books:—*

*Easton on the Group Theory: PROFESSOR L. E. DICKSON. Küster's Pathologische Pflanzenanatomie: DR. D. T. MACDOUGAL. Korschelt and Heider's Lehrbuch der vergleichenden Entwicklungsgeschichte der wirbellosen Thiere: J. P. McM..... 904*

*Scientific Journals and Articles..... 906*

*Societies and Academies:—*

*The Academy of Science of St. Louis: PROFESSOR WILLIAM TRELEASE. American Chemical Society, Northeastern Section: ARTHUR M. COMEY. Meeting of the Berzelius Society. J. S. CATES..... 907*

*Discussion and Correspondence:—*

*Mount Pelee: DR. MARK S. W. JEFFERSON. The Proposed Biological Laboratory at the Tortugas: PROFESSOR E. W. MACBRIDE.... 909*

*Shorter Articles:—*

*The First Edition of Holbrook's North American Herpetology: DR. THEO. GILL... 910*

*Recent Zoopaleontology:—*

*Concerning the Ancestry of the Dogs: DR. W. D. MATTHEW..... 912*

*Iron and Steel Trade in 1902..... 914*

*'Festschrift' in Honor of Professor Vaughan 914*

*Scientific Notes and News..... 915*

*University and Educational News..... 919*

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.

## AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE. SECTION I, SOCIAL AND ECONOMIC SCIENCE. I.

At a business meeting held on Monday morning, December 29, the organization of Section I for the Washington meeting was perfected with the following officers:

*Vice-President*—H. T. Newcomb, Philadelphia.

*Secretary*—Frank H. Hitchcock, Washington.

*Member of Council*—Marcus Benjamin.

*Sectional Committee*—Carroll D. Wright, Vice-President, 1902; Frank R. Rutter, Secretary, 1902; H. T. Newcomb, Vice-President, 1903; Frank H. Hitchcock, Secretary, 1903; Frank R. Rutter, for five years; B. E. Fernow, for four years; Carroll D. Wright, for three years; E. L. Corthell, for two years; Henry Farquhar, for one year.

*Member of General Committee*—Le Grand Powers.

On Monday afternoon Hon. Carroll D. Wright, the retiring vice-president of the section, delivered an address on 'The Psychology of the Labor Question.'

Morning and afternoon meetings of the section for the presentation of papers were held on Tuesday, Wednesday and Friday.

The program consisted of thirty-five papers. Abstracts of these papers are presented below.

*The Economic Law of Competition and of Monopoly:* ALLEN R. FOOTE, editor of *Public Policy*.

Mr. Foote in his paper pointed out that