

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, AUGUST 2, 1895.

THE AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE.

CONTENTS:

| | |
|--|-----|
| <i>The American Association for the Advancement of Science.</i> | 113 |
| <i>A Rock Fissure:</i> G. K. GILBERT. | 117 |
| <i>The Metric System in England:</i> T. C. M. | 119 |
| <i>The 'Ball and Nozzle' Phenomenon:</i> WILLIAM HALLOCK. | 121 |
| <i>The Present Problems of Organic Evolution:</i> E. D. COPE. | 124 |
| <i>Philosophy in the German Universities:</i> CHAS. H. JUDD. | 126 |
| <i>Current Notes on Anthropology (XI.):—</i> | 128 |
| <i>The German Anthropological Association, 1894; American Subjects at the German Anthropological Association; American Objects in Nephrite:</i> D. G. BRINTON. | |
| <i>Physics:—</i> | 129 |
| <i>On the Temperature Variation of the Thermal Conductivity of Rocks:</i> T. C. M. | |
| <i>Scientific Notes and News:—</i> | 130 |
| <i>Pithecanthropus Erectus; A Proposed County Park System; General.</i> | |
| <i>University and Educational News.</i> | 133 |
| <i>Correspondence:—</i> | 134 |
| <i>Aboriginal Sandals:</i> O. T. MASON. <i>The Pignuts:</i> WILLIAM TRELEASE. | |
| <i>Scientific Literature:—</i> | 136 |
| <i>Vine's Botany:</i> CONWAY MACMILLAN. <i>Benedikt's Oils, Fats and Waxes:</i> JOSEPH P. GRABFIELD. | |
| <i>Scientific Journals.</i> | 139 |
| <i>American Journal of Science.</i> | |

IN a few weeks the American Association for the Advancement of Science will begin its annual session, in the city of Springfield, Massachusetts. It is now fifteen years since the Association met in New England, during which time its meetings have been held in various parts of the country, including points as widely separated as Minneapolis in the Northwest and Washington in the Southeast.

The meeting of 1880 was held in Boston and, up to the present time, is distinguished from all others, either earlier or later, by the large attendance, the great local interest manifested and the importance of the papers presented. The meeting at Philadelphia, in 1884, was, perhaps, the closest approximation to the Boston meeting as far as concerns these points, but the latter must still be regarded as the high-water mark in the history of the Association.

It is unnecessary, in these columns, to refer to the history of this Society, as it is, doubtless, very well known to most of our readers. The first meeting was held in the year 1848, in the city of Philadelphia; the organization then accomplished growing,

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.