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, C. HART MERRIAM, 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; G. BROWN GOODE, Scientific Organization.

FRIDAY, MAY 29, 1896.

CONTENTS:

The Ape-man from the Tertiary of Java: O. C. MARSH789
The Metric System: W. LE CONTE STEVENS793
Two Erosion Epochs—Another Suggestion: W J McGee796
Current Notes on Physiography:— Geographical Description of the British Islands; Recent Sheets of our National Map; A Short History of the Great Lakes: W. M. DAVIS799
Current Notes on Meteorology:— Weather Bureau Kite-flying; Baloons and Kites in Cloud Observations; Blue Hill Kite-flying: R. DE C. WARD
Scientific Notes and News802
University and Educational News807
Discussion and Correspondence:— A Review of Bigelow's Papers on Meteorology and Solar Physics: W. S. Franklin. Dr. Brinton on Keane's 'Ethnology:' A. H. Keane, D. G. Brinton. To Prevent the Growth of Beard: L. O. Howard. The Child and Childhood in Folkthought: Alex. F. Chamberlain. 'That Great Law of Logic:' J. McKeen Cattell807
Scientific Literature:— Hornby's Text-book of Gas Manufacture for Students: Frank H. Thorp. Arnold's Repitorium der Chemie: S815
Scientific Journals:— The American Journal of Science. The American Chemical Journal: J. Elliott Gilpin816
Societies and Academies:— New York Academy of Sciences, Section of Geology and Mineralogy: J. F. KEMP. Meeting of the New York Section of the American Chemical Society: WM. MCMURTRIE. The Chemical Society of Washington: A. C. PEALE. Biological Society of Washington: F. A. LUCAS. Geological Society of Washington: W. F. MORSELL. Academy of Natural Sciences of Philadelphia: EDW. J. NOLAN. Northwestern University Science Club: A. R. CROOK. The Academy of Science of St. Louis: WM. TRELEASE

THE APE-MAN FROM THE TERTIARY OF JAVA.*

NEAR the beginning of last year, a discovery was announced that excited great interest throughout the scientific world, especially among those interested in the origin and antiquity of man. The announcement first made was that remains of a veritable missing link between man and the higher apes had been found in Java, in strata of Pleistocene age. The discovery was made by Dr. Eugene Dubois, a surgeon in the Dutch army, who had been stationed in Java for several years and had devoted much time to the vertebrate fossils of that island.

The first definite information received in this country was in December, 1894, when Dubois's memoir on *Pithecanthropus* arrived.† One of the first copies reached the late Prof. Dana, and at his request I wrote a review of it, which appeared, with illustrations, in the *American Journal of Science* for February, 1895.

The memoir of Dr. Dubois was an admirable one, and, although written in Java, with only limited facilities for consulting the literature on the subject, and for comparing the remains described with living

- * Abstract of communication made to the National Academy of Sciences at Washington, April 24, 1896.
- † Pithecanthropus erectus. Eine menschenaehnliche Uebergangsform aus Java. Von Eug. Dubois, Militairarzt der niederlaendish-indischen Armee. Mit zwei Tafeln und drei in den Text gedruckten Figuren. 4to, Batavia, 1894.