Friday, May 18, 1900.

CONTENTS:
The Approaching Total Eclipse of the Sun .......................... 761
The Principles of Seiosophy: President David Starr Jordan ............. 763
The Sociological Status of the Physician: Professor Clarence John Blake .. 772
Aluminium-Magnesium Alloys: Professor R. H. Thurston .................. 783
Scientific Books:—
La constitution der monde: F. R. M. Snyder on the Chemistry of Soils and Fertilizers: Dr. G. S. Fraps. Tilden’s History of the Progress of Scientific Chemistry, Thorp’s Industrial Chemistry, Professor W. A. Noyes. General ...... 785
Scientific Journals and Articles........................................... 787
Societies and Academies:—
Zoological Club of the University of Chicago: Dr. C. M. Child. The Philosophical Society of Washington: E. D. Preston ....................... 788
Notes on Physics:—
Analysis of Vocal Sounds; Dissociation Theory of the Electric Arc: W. S. F. ................................................................. 789
Current Notes on Physiology:—
Shoreline Topography; Shore Forms on the Bras D’Or Lakes; Glacial Erosion in the Great Glen of Scotland: Professor W. M. Davis .............. 790
Antiquities of Alabama: Harlan I. Smith ................................ 791
A New Paleolithic Station: George Grant MacCurdy ...................... 792
Certain Laws of Variations.................................................... 793
Scientific Notes and News................................................. 794
University and Educational News....................................... 800

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 Approaching Total Eclipse of the Sun.

The plans of some of the principal parties from American observatories for the observation of the total solar eclipse occurring on the morning of May 28th are as follows:

The arrangements by the United States Naval Observatory have been made under the direction of Professor S. J. Brown, the Astronomical Director, and contemplate the occupation of three stations, two on the central line, and one near the northern limit of totality.

The first station on the central line is under the immediate supervision of Professor A. N. Skinner, and is located at Pinehurst, N. C. The party will comprise, in addition to the five members of the Observatory staff, associate members engaged in spectroscopic and other researches. These include Professor Ames of the Johns Hopkins University, and Doctors Dorsey, Huff and Reese, and other assistants from the physical laboratory of the University. In the photographic work Dr. F. L. Chase, of Yale University, and Mr. A. L. Colton, of the University of Michigan, will take an important part. The work at the station will comprise the establishment of the latitude and longitude, visual and telescopic observations and drawings of the corona; photographs of the corona with the 40-foot photheliograph lens, the 7$\frac{1}{2}$-inch visual lens belonging to the Naval Academy equa-
Science 11 (281), 761-800.