EDITORIAL

'Observations of the Planet Mars.'* Professor G. Schiaparelli ........................................ 633
Dr. Alexander Graham Bell on the Development by Selection of Supernumerary Mammas in Sheep. (With Plate V.).) .................................................... 637

The Prospective Place of the Solar Azimuth Tables in the Problem of Accelerating Ocean Transit: G. W. Littlehales. ................................................................. 640

The New American Fossil Fishes: C. R. Eastman. .......... 642

Rapidity of Sand Plain Growth: M. L. Fuller. .................. 643

Proposed Survey of the Nile. ....................................... 644

Contemporary Articles and Correspondence:—


Scientific Journals and Articles. ..................................... 651

Societies and Academies:—
The Philosophical Society of Washington: E. D. Preston. The Entomological Society of Washington: Dr. L. O. Howard. The New York Academy of Sciences; Section of Astronomy and Physics: Dr. W. M. S. Day. The New York Section of the American Chemical Society: Dr. Durand Woodman. .................. 652

Discussion and Correspondence:—

Mears, Lehmann and Hansen on Telepathy: Professor William James. Two Corrections: Professor Burt G. Wilder.......................... 654

Notes on Physics:—

- A New Theory of the Zeeman Effect: Daylight-Phosphorescence: A. St.C. D. ......................... 655
- Notes on Inorganic Chemistry: J. L. H. ......................... 656

Current Notes on Meteorology:

- Blue Hill Observatory Bulletin; Snow Rollers; A Course in Meteorology at Ohio State University;

A New Marine Biological Laboratory: Dr. Hugh M. Smith ......................................................... 658

Theory of the Steam Engine: Professor R. H. Thurston. ........................................... 659

The Philadelphia Exposition of 1909. .................... 659

Scientific Notes and News ........................................ 660

University and Educational News. ............................ 664

CONTENTS:

'Recent Observations of the Planet Mars.'* This is the first number of a series which promises to be important for the physical study of the planets. It contains a detailed account of the observations made on the planet Mars during an interval of ten months (June, 1894—March, 1895) by Mr. Percival Lowell and his two collaborators, W. H. Pickering and A. E. Douglass. The observatory, especially constructed near the small town of Flagstaff, occupies a central position in the great plateau of Arizona, at an elevation of 7,250 feet above the level of the sea, in latitude 35° 11' and longitude 111° 40' west of Greenwich. The choice of that location has been justified by the success attained. During the six months from June to November, 1894, the planet could be observed on nearly every day. On two days out of three it was possible to record useful observations of difficult objects. The atmospheric conditions prevailing during that period (and often during the following winter as well) are sufficiently characterized by the discovery of a great number of details unknown to previous observers. These observations suffice to give an idea of the optical perfection of the instrument employed, which had an objective by Brashear,


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Editor's Summary

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