Friday, October 19, 1900.

CONTENTS:

Proceedings of the Section of Botany at the New York Meeting of the American Association: Professor D. T. MacDougal ........................................ 577

The Faith of Science: Professor George Stuart Fullerton ..................................... 586

Address of the Chairman of the Department of Astronomy of the British Association: Dr. A. A. Common .......................................................... 590

The Fourth International Congress of Psychology: Dr. R. S. Woodworth ................ 605

Scientific Books:—

Zeiller's Éléments de paléobotanique: Professor D. P. Penhallow; Martel's La spéléologie: Dr. Horace C. Hovey; Drâmas on the Criminal: Dr. Havelock Ellis. Books Received. 606

Scientific Journals and Articles ................................................................. 611

Societies and Academies:

Section of Astronomy, Physics and Chemistry of the New York Academy of Sciences: Dr. William S. Day ................................................................. 612

Notes on Physics:—

The Gullon Whistle; The Genesis of the Ions in the Discharge of Electricity through Gases: W. S. F. 613

Scientific Notes and News .............................................................................. 614

University and Educational News ................................................................. 616

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.

PROCEEDINGS OF THE SECTION OF BOTANY AT THE NEW YORK MEETING OF THE AMERICAN ASSOCIATION.

Vice-President Trelease's address on 'Some Twentieth Century Problems' was given in the large botanic laboratory in Schermerhorn Hall, on Monday, June 25th, at 3 p. m. (Published in Science, 12: 48, 1900.) On the following day and in the 29th, regular sessions were held for the reading of papers after the customary manner, and a list with some abstracts is given below.

The Torrey Botanical Club gave, by invitation, a special memorial program in honor of Dr. John Torrey, in the Museum of the New York Botanical Garden, on Wednesday, June 27th. The principal features of the day were:

'Reminiscences of Dr. Torrey': Dr. T. C. Porter.

'Work of Dr. Torrey as a botanist': Dr. N. L Britton.

'Historical sketch of the development of botany in New York City': Dr. T. F. Allen.

'Comment on the earlier botanical history of New York': Judge Addison Brown.

'Work of the Torrey Botanical Club': Secretary E. S. Burgess.

Comments and reminiscences: Professor Peck, Professor Macioskie, Professor Beal and Dr. T. F. Allen. A communication from Jas. Hyatt was also read. These papers will be published in the Bulletin of the Torrey Botanical Club.

The sectional committee had concluded arrangements with the Council of the Botanical Society of America by which the pro-