

THE BIOLOGICAL SOCIETY OF WASHINGTON,

JAN. 26.

Council meeting at 7:30 P. M.

A New Cotton Enemy, brought over from Mexico: MR. L. O. HOWARD.*Anatomy of a Leaf-gall of Pinus virginianus*: MR. THEO. HOLM.*Abnormal Feet of Mammals*: MR. F. A. LUCAS.*The Mesozoic Flora of Portugal compared with that of the United States*: PROF. LESTER F. WARD.FREDERIC A. LUCAS, *Secretary*.

SCIENTIFIC JOURNALS.

THE ASTROPHYSICAL JOURNAL, JAN.

On the Conditions which Affect the Spectro-Photography of the Sun: A. A. MICHELSON.*Photographs of the Milky-Way*: E. E. BARNARD.*The Arc-Spectra of the Elements I. Boron and Beryllium*: H. A. ROWLAND and R. TATNALL.*On Some Attempts to Photograph the Solar Corona Without an Eclipse, made at the Mount Etna Observatory*: A. RICCÒ.*Discovery of Variable Stars from their Photographic Spectra*: E. C. PICKERING.*Preliminary Table of Solar Spectrum Wave-Lengths I.*: H. A. ROWLAND.*Observations of Mars made in May and June, 1894, with the Melbourne Great Telescope*: R. L. J. ELLERY.*Recent Changes in the Spectrum of Nova Aurigæ*: W. W. CAMPBELL.*The Modern Spectroscope. X. General Considerations Respecting the Design of Astronomical Spectroscopes*: F. L. O. WADSWORTH.*Minor Contributions and Notes.**Reviews.**Recent Publications.*

AMERICAN JOURNAL OF MATHEMATICS, JAN.

Sur une transformation de mouvements: PAR PAUL APPELL.*Extrait d'une lettre adressée à M. Craig*: PAR M. HERMITE.*On the First and Second Logarithmic Derivatives of Hyperelliptic Functions*: By OSKAR BOLZA.*Sur la définition de la limite d'une fonction. Exercice de logique mathématique*: PAR G. PEANO.*Theorems in the Calculus of Enlargement*: By EMORY MCCLINTOCK.*On Foucault's Pendulum*: By A. S. CHESIN.

BULLETIN OF THE TORREY BOTANICAL CLUB, JAN.

Family Nomenclature: JOHN HENDLEY BARNHART.*A Revision of the North American Species of the Genus Cracca*: ANNA MURRAY VAIL.*A Revision of the Genus Scouleria with Description of one new Species*: ELIZABETH G. BRITTON.*Studies in the Botany of the Southeastern United States—III.*: JOHN K. SMALL.*New Plants from Idaho*: LOUIS F. HENDERSON.*Buxbaumia Aphylla*: GEO. G. KENNEDY.*Herbert A. Young*: WM. P. RICH.*Proceedings of the Club.**Index to Recent Literature Relating to American Botany.*

NEW BOOKS.

The Factors in Organic Evolution: A Syllabus of a Course of Elementary Lectures. DAVID STARR JORDON. Pp. 149. Ginn & Co. \$1.50.*The Geological and Natural History Survey of Minnesota.* N. H. WINCHELL. Minneapolis, Harrison & Smith. 1894. Pp. 210.*Anatomy and Art.* President's address before the Philosophical Society of Washington. ROBERT FLETCHER WASHINGTON. 1895. Pp. 24.*Annual Reports of the Bureau of Ethnology of the Smithsonian Institution, 1890-1891.* J. W. POWELL. Washington, Government Printing Office. Pp. 742.