

SCIENCE

A WEEKLY JOURNAL DEVOTED TO THE ADVANCEMENT OF SCIENCE, PUBLISHING THE
OFFICIAL NOTICES AND PROCEEDINGS OF THE AMERICAN ASSOCIATION
FOR THE ADVANCEMENT OF SCIENCE.

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GENERAL MEETING OF THE AMERICAN PHILOSOPHICAL SOCIETY.

THE general meeting of the American Philosophical Society was held in Philadelphia on Thursday, Friday and Saturday, April 2, 3 and 4. A large number of members were in attendance, and the meeting was in every way a most successful and important one. Morning and afternoon sessions were held in the historic hall of the society on Independence Square, and luncheons were served here each day to members and invited guests. On Thursday evening a reception for members of the society and their friends was held at the hall of the Historical Society of Pennsylvania, on which occasion the president, Professor Edgar F. Smith, delivered an address on the origin and early history of the American Philosophical Society, which will be published in full elsewhere. On this occasion President Daniel C. Gilman of the Carnegie Institution also spoke on the work of that institution during the first year of its development. Professor Wm. H. Welch, who was to have spoken on the objects and aims of the Rockefeller Institute for Medical Research, was prevented by sickness from being present.

At the close of the morning session on Friday the annual election of members was held, and the following persons were chosen:

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.

SCIENTIFIC JOURNALS AND ARTICLES.

THE *Bulletin of the Torrey Botanical Club* for February contains a paper 'On Atavistic Variation in *Oenothera cruciata*,' by Hugo de Vries; 'Nova Ascomycetum Genera Speciesque,' by Frederic E. Clements; 'New Species of Fungi,' by Charles H. Peck; 'A Fossil Petal and a Fossil Fruit from the Cretaceous (Dakota Group) of Kansas,' by Arthur Hollick; 'Notes on Antillean Pines, with Description of a New Species from the Isle of Pines,' by W. W. Rowlee; 'The Polyporaceæ of North America, II., the Genus *Pyropolyporus*,' by William Alphonso Murrill; and the usual instalment of the 'Index to Recent Literature Relating to American Botany.' The March number consists mainly of 'Studies in Plant Hybrids: The Spermatogenesis of Hybrid Cotton,' by William Austin Cannon, but includes a biographical sketch of Dr. Timothy Field Allen by N. L. Britton; 'Studies in the Asclepiadaceæ—VII., A New Species of *Vincetoxicum* from Alabama,' by Anna Murray Vail; 'A New Species of *Walsteinia* from Idaho,' by C. V. Piper; and the 'Index to Recent Literature.'

THE February number of *Torrey* contains 'Notes on Southern Ferns,' by L. M. Underwood; '*Trichomanes Petersii* Found Anew,' by A. B. Seymour; 'A Unique Climbing Plant,' by Roland M. Harper; 'An Undescribed *Eleocharis* from Pennsylvania,' by N. L. Britton, and 'A Key to the North-American Species of *Stropharia*,' by F. S. Earle. Carlton C. Curtis reviews Kraemer's 'Course in Botany and Pharmacognosy,' and this is followed by the 'Proceedings of the Club' and news items.

Torrey for March includes 'Vital Persistence of *Agave Americana*,' by S. B. Parish; 'A Key to the North-American Species of *Lentinus*—I.,' by F. S. Earle; 'The Pubescence of Species of *Astragalus*,' by Francis Ramaley; 'Insect Visitors of *Scrophularia*,' by T. D. A. Cockerell; and 'Some Interesting Hepaticæ from Maine,' by Caroline Coventry Haynes. C. C. Curtis reviews MacDougal's

'Influence of Light and Darkness upon Growth and Development,' and the number is completed by the 'Proceedings of the Club' and news items.

SOCIETIES AND ACADEMIES.

THE NATIONAL ACADEMY OF SCIENCES.

THE following papers were either read or presented by title at the stated session of the National Academy of Sciences held at Washington on April 21, 22 and 23:

HENRY F. OSBORN: 'An Estimate of the Weight of the Skeleton in the Sauropoda, or in the Sauropodous Dinosaurs.'

HENRY F. OSBORN: 'New Characters of the Skulls of Carnivorous and Herbivorous Dinosaurs.'

HENRY F. OSBORN: 'Models illustrating the Evolution of the Amblypoda, also of the Dinosaur *Diplodocus*, together with a Theory as to the Habits of the Sauropoda.'

GEORGE F. BARKER: 'Radioactivity of Thorium Minerals.'

J. M. CRAFTS: 'The Law of Catalysis in Concentrated Solutions.'

J. M. CRAFTS: 'The Standardization of Thermometric Measurements.'

GEORGE E. HALE: 'The Rumford Spectroheliograph of the Yerkes Observatory.'

LEWIS BOSS: 'The Determination of Standard Right-ascensions free from the Personal Equation for Star-magnitude.' (With stereopticon illustrations.)

R. A. HARRIS: 'On the Semi-diurnal Tide of the Northern Part of the Indian Ocean.' (Introduced by Cleveland Abbe.)

ARTHUR L. DAY: 'The Melting Point of a Simple Glass.' (Introduced by G. F. Becker.)

THEODORE GILL: 'Biographical Memoir of J. E. Holbrook.'

GEORGE F. BARKER: 'Biographical Memoir of Matthew Carey Lea.'

S. F. EMMONS: 'Biographical Memoir of Clarence King.'

JEFFRIES WYMAN: 'Biographical Memoir of A. A. Gould.' (Read by W. H. Dall.)

CHARLES S. HASTINGS: 'Biographical Memoir of James E. Keeler.'

CARL BARUS: 'The Diffusion of Vapor into Nucleated Air.'

H. P. BOWDITCH: 'Biographical Memoir of Theodore Lyman.'

ALEXANDER AGASSIZ: 'The Nomenclature of the Topography of the Bottom of the Oceans.'