

## AMERICAN SOCIETY OF CIVIL ENGINEERS.

December 19.

**MANSFIELD MERRIMAN**, *The Strength and Weathering Qualities of Roofing Slates.*

This paper, which will be published in the transactions of the Society, about February 1st, gave an account of original physical and chemical tests of the properties of different slates.

## GEOLOGICAL SOCIETY OF WASHINGTON.

January 9.

**MR. J. S. DILLER**, *Artificial wire silver, prepared by F. C. PHILLIPS.*

**MR. G. P. MERRILL**, *On the disintegration of the granitic rocks of the District of Columbia.*

**MR. W. LINDGREN**, *Characteristic features of the gold quartz veins of California, with specimens.* WHITMAN CROSS, *Secretary.*

## THE BIOLOGICAL SOCIETY OF WASHINGTON.

January 12.

**L. H. BAILEY**, *The Plant Individual in the Light of Evolution.*

FREDERIC A. LUCAS, *Secretary.*

## BOSTON SOCIETY OF NATURAL HISTORY.

January 14.

J. WALTER FEWKES, *The new fire ceremony at Walpi.* SAMUEL HENSHAW, *Secretary.*

## THE NEW YORK ACADEMY OF SCIENCES.

## SECTION OF BIOLOGY.

*Exhibition of microscopical and lantern slides with notes on technique.*

**R. H. CUNNINGHAM**, *On the Sources of Illumination for Photo-micrography.*

C. F. COX, *The Lantern Slides of MR. E. F. SMITH, F. R. M. S., of London, illustrating the latest Theories of Diatom Structure.*

O. S. STRONG, *Notes of new histological Nerve Methods.*

**EDWARD LEAMING**, *Exhibition of photomicrographic slides, bacteriological, neurological, biological.*

BASHFORD DEAN, *Secretary.*

## THE NEW YORK ENTOMOLOGICAL SOCIETY.

January 15.

Meeting at American Museum of Natural History.

**R. L. DITMARS**, *Notes on a collecting trip through Connecticut.*

LEWIS H. JOUTEL, *Secretary.*

## NEW BOOKS.

*Radiant Suns.* AGNES GIBERNE. New York, Macmillan & Co. 1894. Pp. vii+328.

*Race and Language.* ANDRÉ LEFÈVRE. New York, D. Appleton & Co. 1894. Pp. vi+424.

*Die Samoanische Schöpfungs-Sage und Anschließendes aus der Sudsee.* ADOLF BASTIAN. Berlin, Emil Feller. 1894. Pp. 50.

*Die Gross-Schmetterlinge Europas.* PROF. ERNST HOFMANN. 2d Ed. C. Hoffmann. 1894. Pp. xl+24. M. 28.

*Model Engine Composition with Practical Instructions to Artificers and Amateurs.* J. ALEXANDER. London, Whittaker & Co.; New York, Macmillan & Co. 1894. Pp. viii+324. \$3.00.

*Ein geologische Querschnitt durch die Ost-Alpen.* A. ROTHPLETZ. Stuttgart, E. Schweizerbart. 1894. Pp. iv+268. M. 10.

*Geotektonische Probleme.* A. ROTHPLETZ, Stuttgart, E. SCHWEIZERBART. 1894. Pp. 175. M. 8.

*Biological Lectures Delivered at the Marine Biological Laboratory of Wood's Hall, Boston.* GINN & Co. 1894. Pp. 242.

*Introduction to Chemical Analysis for Beginners.* FR. RUDORFF. Translated from the Sixth Edition by CHARLES B. GIBSON and F. MENZEL. Chicago, The W. T. Keener Co. 1894. \$1.00.

*The Etiology of Osseous Deformities of the Head, Face, Jaws and Teeth.* EUGENE S. TALBOT, 3d Ed. Chicago. The W. T. KEENER Co. Pp. xvi+487, \$4.