Methodik des chemischen Unterrichts. By Dr. K. Scheid. Pp. xv+448. (Leipzig: Quelle and Meyer.) to marks.

Probleme der physiologischen und pathologischen Chemie. By Dr. O. von Fürth. II. Band. Stoffwechsellehre. Pp. xiv+717. (Leipzig: F. C. W. Vogel.) 23 marks.

Guy Mannering, or the Astrologer. By Sir Walter Scott, with Introduction and Notes by J. H. Boardman. Pp. xxx+482. (London: A. and C. Black.)

Geological Survey of New Jersey. Bulletin 8: Annual Administrative Report of the State Geologist for the Year 1912, including a Second Report on Shark River Inlet, by C. C. Vermeule, and a List of New Bench Marks. Pp. 103. (Trenton, N.J.: Mac-

Crellish and Quigley.)
Geological Survey of New Jersey. Bulletin 9: A
Preliminary Report of the Archæological Survey of the State of New Jersey made by the Department of Anthropology in the American Museum of Natural History, compiled by A. Skinner and M. Schrabisch. Pp. 94+map. (Trenton, N.J.: MacCrellish and Quigley.)

Chemie, allgemeine Kristallographie und Mineralogie. By E. v. Meyer, C. Engler, L. Wöhler, O. Wallach and others. Pp. xiv+663. (Leipzig and Berlin: B. G. Teubner.) 21 marks.

Documents of British History, A.D. 1815-1900. By M. W. Keatinge and N. L. Frazer. Pp. 77. (Lon-

don: A. and C. Black.) 8d. Récits et Compositions d'après l'Image. Anceau and E. Magee. Pp. 33+14 plates. (London:

A. and C. Black.) 6d. Zoology. By Prof. E. Brucker. Pp. xiii+219. (London: Constable and Co., Ltd.) 2s. net.

Department of the Interior. U.S. Geological Survey. Mineral Resources of the United States. Calendar Year 1911. Part i., Metals. Pp. 1018. Part ii., Non-Metals. Pp. 1224+maps. (Washington: Government Printing Office.)

Department of the Interior. U.S. Geological Survey. Water Supply Paper. 259, 293, 297, 300, 310, 311, 313, 316. (Washington: Government Printing Office.)

Department of the Interior. U.S. Geological Survey. Bulletin. 502, 503, 510, 521. (Washington: Government Printing Office.)

Mechanics and Heat. By J. Duncan. Pp. xiii+381. (London: Macmillan and Co., Ltd.) 3s. 6d. Principles and Practice of School Gardening. By

A. Logan. Pp. xv+313. (London: Macmillan and

Co., Ltd.) 3s. 6d. U.S. Department of Agriculture. Weather Bureau. Report of the Chief of the Weather Bureau, 1911-12. Pp. 272+4 charts. (Washington: Government Printing Office.)

DIARY OF SOCIETIES.

THURSDAY, JUNE 19.

ROYAL SOCIETY, at 4.30.—Atomic Specific Heats between the Boiling Points of Liquid Nitrogen and Hydrogen. I. The Mean Atomic Specific Heats at 50° Absolute of the Elements—a Periodic Function of the Atomic Weights: Sir James Dewar.—An Active Modification of Nitrogen produced by the Electric Discharge. V.: Hon. R. J. Strutt.—The Electrical Emissivity and Disintegration of Hot Metals: Dr. J. A. Harker and Dr. G. W. C. Kaye.—A Method of Measuring the Viscosity of the Vapours of Volatile Liquids, with an Application to Bromine: Dr. A. O. Rankine.—The Efficiency of Selenium as a Detector of Light: E. E. Fournier d'Albe.—The Hall Effect in Liquid Electrolytes: A. E. Oxley.—The Displacements of the Patricles and their Paths in Some Cases of Two-dimensional Motion of a Frictionless Liquid: Prof. W. B. Morton.—The Diurnal Variations of the Earth's Magnetism produced by the Moon and Sun: S. Chapman.—The Electric Effect of Rotating a Magnetic Insulator in a Magnetic Field: Prof. H. A. Wilson and Marjorie Wilson.—The Magnetic Materials in Claywares: A. Hopwood.—Synthesis of the Anhydrides of α Aminoacy! Glucosamines: A. Hopwood.—Synthesis of the Anhydrides of α Aminoacy! Glucosamines: A. Hopwood and C. Weizmann.—The Flexure of Telescope Mirror-discs arising from their Weight, and its Influence upon Resolving Power: H. S. Jones.—(1) Fourier Series and Functions of Bounded Variation;

(2) A Condition that a Trigonometrical Series should have a certain Form;
(3) Trigonometrical Series the Cesaro Partial Summations of which Oscillate Finitely: Prof. W. H. Young.

Linnean Society, at 8.—Impressions of the Feeding-tracks of Liman maximus and Helix aspersa: Mrs. Longstaff.—African Species of the Genus Crotalaria: E. G. Baker.—Aphareccaris, nom. nov. (Aphareus; Paulson), a Genus of the Crustacean Family Sergestida: Dr. W. T. Calman.—Water-colour Drawings of Australian and South African Plants: Miss Fuller.—An Anatomical Study of the Cone-genus Lepidostrobus: Dr. Agnes Arber.—Fresh-water Rhizopoda from North and South America: G. H. Wailes.—A Revision of the Genus Symphytum, Tourn.: Cedric Bucknall.—Some New British Plants: Dr. C. E. Moss.

MONDAY, June 23.
ROYAL GEOGRAPHICAL SOCIETY, at 8.30.—A Geographical Excursion across the United States: G. Chisholm, H. O. Beckit, and A. G. Ogilvie.

WEDNESDAY, June 25.
GEOLOGICAL SOCIETY, at 8.—The Miocene Beds of the Victoria Nyanza and the Geology of the Country between the Lake and the Kisii Highlands: Dr. F. Oswald.

REFERENCE Accessional.

BRITISH ASTRONOMICAL ASSOCIATION, at 5.

THURSDAY, June 26.
ROYAL SOCIETY, at 4.30.—Probable Papers: Light Sensations and the Theory of Forced Vibrations: Dr. G. J. Burch.—The Fluctuation in the Ionisation due to γ Rays: P. W. Burbidge.—The Force Exerted on a Magnetic Particle by a Varying Electric Field: J. G. Leathem.—The Luminosity Curve of a Colour-blind Observer: Dr. W. Watson.—A Critical Study of Spectral Series. Part iii, The Atomic Weight Term, and its Import in the Constitution of Spectra: Prof. W. M. Hicks.—A Band Spectrum attributed to Carbon Monosulphide: L. C. Martin.—Phosphorescence of Mercury Vapour after Removal of the Exciting Light: F. S. Phillips. And other Papers.

FRIDAY, JUNE 27.

PHYSICAL SOCIETY, at 5.

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