

Survey). The Orthoptera of Clare Island comprise only the common earwig and three widespread acridiid grasshoppers.

GÖTTINGEN.

Royal Society of Sciences.—The *Nachrichten* (physico-mathematical section), parts iii. and iv. for 1912, contains the following memoirs contributed to the society:—

July 15, 1911.—K. Wegener: Seismic records at the Samoa Observatory of the Göttingen Royal Society in 1909 and 1910.

February 3, 1912.—W. Voigt and P. Collet: Further communication on the polarisation of light diffracted from the Rowland grating.

February 17, 1912.—O. Wallach: Researches (xxv.) from the Göttingen University Chemical Laboratory: (i) the preparation of a new simple bicyclic terpene and tricyclic sesquiterpene; (ii) on ascaridol; (iii) on Δ^4 -menthenone-3; (iv) on the constitution of so-called "isocamphor" ($C_{10}H_{16}O$) and its reduction-product ($C_{10}H_{18}O$); (v) on the condensation-products of cyclic ketones with acetone.—G. Tamman: The phase-diagram of carbonic anhydride.

March 2, 1912.—E. Study: Groups of bilateral collineations.—H. Schottky: The changes in heated metallic films due to surface-forces.—J. Stark and G. Wendt: Serial spectral emission from solid metallic compounds exposed to canal-rays; minimal value of the exciting energy; band-spectral emission under canal-rays.—M. Lewitskaja: Some observations on the absorption of light in andalusite.

BOOKS RECEIVED.

Die Veränderungen in der allgemeinen Zirkulation der Atmosphäre in den gemässigten Breiten der Erde. By Dr. A. Defaut. Pp. 208. (Wien: A. Holder.)

Handbuch der regionalen Geologie. Edited by Profs. G. Steinmann and O. Wilckens. v. Band, 3 Abteilung—Armenien. By Dr. F. Oswald. Pp. 40+4 Taf. (Heidelberg: C. Winter.) 2.80 marks.

Nigeria and its Tin Fields. By A. F. Calvert. Pp. xvi+488+plates. (London: E. Stanford.) 5s.

Regional Geography—The World. By J. B. Reynolds. Pp. vii+360. (London: A. and C. Black.) 3s. 6d.

Botany. Chapters on the Study of Plants. By Prof. G. S. Boulger. Pp. viii+120. (Halifax: Milner and Co.) 1s. net.

Visvakarma: Examples of Indian Architecture, Sculpture, Painting, Handicraft, chosen by Dr. A. K. Coomaraswamy. First Series: One Hundred Examples of Indian Sculpture. Twelve plates. (London: The Author, 39 Brookfield, West Hill, N.; Luzac and Co.) 2s. 6d.

Monograph on the Sub-Oceanic Physiography of the North Atlantic Ocean. By Dr. E. Hull. With a Chapter on the Sub-Oceanic Physical Features off the Coast of North America and the West Indian Islands. By Prof. J. W. W. Spencer. Pp. viii+41+plates xi. (London: E. Stanford.) 21s. net.

Methods of Organic Analysis. By Prof. H. C. Sherman. Second edition. Pp. xvi+407. (London: Macmillan and Co., Ltd.) 10s. 6d. net.

A New System for Preventing Collisions at Sea. By Sir H. S. Maxim. Pp. xv+47. (London: Cassell and Co., Ltd.)

A Study of the Bronze Age Pottery of Great Britain and Ireland, and its Associated Grave-goods. By the Hon. J. Abercromby. Vol. i., pp. 163+plates i. to lxi.; vol. ii., pp. 128+plates lxii to cx. (Oxford: Clarendon Press.) 3l. 3s. net.

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Experimental Science. II. Chemistry. By S. E. Brown. Pp. vi+140. (Cambridge: University Press.) 2s.

Higher Algebra for Colleges and Secondary Schools. By Dr. C. Davison. Pp. vi+320. (Cambridge: University Press.) 6s.

Electromagnetic Radiation and the Mechanical Reactions arising from it. By Prof. G. A. Schott. Pp. xxii+330. (Cambridge: University Press.) 18s. net.

Gross Männer. Studien zur Biologie des Genies. Edited by W. Ostwald. Dritter Band—Jacobus Henricus van't Hoff. Sein Leben und Wirken. By Prof. E. Cohen. Pp. xv+638. (Leipzig: Akademische Verlagsgesellschaft, m.b.H.) 14.75 marks.

A Primer on Alternating Currents. By Dr. W. G. Rhodes. Pp. viii+145. (London: Longmans and Co.) 2s. 6d. net.

A Scheme for the Detection of the More Common Classes of Carbon Compounds. By F. E. Weston. Third edition. Pp. viii+108. (London: Longmans and Co.) 3s.

La Maladie du Sommeil au Katanga. By F. O. Stohr. Pp. 83. (London: Constable and Co., Ltd.) 4s. net.

Explanatory Notes to Accompany the Geological Map of Egypt, with Tables showing Distribution of Geological Formations and Economic Products. By Dr. W. F. Hume. Pp. ii+49+2 plates. (Cairo: Ministry of Finance, Survey Department.) 10 P.T.

Electric Lighting and Miscellaneous Applications of Electricity. By W. S. Franklin. Pp. viii+299. (New York: The Macmillan Co.; London: Macmillan and Co., Ltd.) 2.50 dollars net.

The Golden Bough: a Study in Magic and Religion. By Prof. J. G. Frazer. 3rd Edition. Part v., Spirits of the Corn and of the Wild, in two vols. Vol. i., pp. vii+319; vol. ii., pp. xii+371. (London: Macmillan and Co., Ltd.) 20s. net.

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