

BOOKS RECEIVED.

Smithsonian Institution. U.S. National Museum. Bulletin 82: A Monograph of the Existing Crinoids. By A. H. Clark. Vol. i., The Comatulids. Part i. Pp. vi+387. (Washington: Government Printing Office.)

Smithsonian Institution. U.S. National Museum. Contributions from the U.S. National Herbarium. Vol. xix.: Flora of New Mexico. By E. O. Wootton and P. C. Standley. Pp. 794. (Washington: Government Printing Office.)

U.S. Geological Survey. The Pleistocene of Indiana and Michigan, and the History of the Great Lakes. By F. Leverett and F. B. Taylor. Pp. 529. (Washington: Government Printing Office.)

Elementary Lessons in Electricity and Magnetism. By Prof. S. P. Thompson. New edition. Pp. xvi+744. (London: Macmillan and Co., Ltd.) 4s. 6d.

The Cambridge Pocket Diary, 1915-16. Pp. xv+255. (Cambridge: At the University Press.) 1s. net. My Garden in Autumn and Winter. By E. A. Bowles. Pp. viii+272. (London: T. C. and E. C. Jack.) 5s. net.

An Introduction to Ethics for Training Colleges. By G. A. Johnston. Pp. x+254. (London: Macmillan and Co., Ltd.) 3s. net.

A Treatise on Light. By Dr. R. A. Houstoun. Pp. xi+478. (London: Longmans and Co.) 7s. 6d. net.

Is Venus Inhabited? By C. E. Housden. Pp. 39. (London: Longmans and Co.) 1s. 6d. net.

First Aid in the Laboratory and Workshop. By A. A. Eldridge and H. V. A. Briscoe. Pp. 32. (London: E. Arnold.) 1s. net.

Stanford's Compendium of Geography and Travel (New Issue). North America. Vol. i., Canada and Newfoundland. Second edition, revised. By Dr. H. M. Ami. Pp. xxviii+1069. (London: E. Stanford, Ltd.) 15s. net.

Soils: Their Properties and Management. By Profs. T. L. Lyon, E. O. Fippin, and H. O. Buckman. Pp. xxi+764. (New York: The Macmillan Company; London: Macmillan and Co., Ltd.) 8s. net.

Canada. Department of Mines. Geological Survey Memoir 68: A Geological Reconnaissance between Golden and Kamloops, B.C., along the Canadian Pacific Railway. By R. A. Daly. Pp. viii+260. (Ottawa: Government Printing Bureau.)

Savage Man in Central Africa. By A. L. Cureau. Translated by E. Andrews. Pp. 351. (London: T. Fisher Unwin, Ltd.) 12s. 6d. net.

Survey of India. General Report, 1913-14, from 1st October 1913 to 30th September 1914. Prepared under the direction of Col Sir S. G. Burrard. (Calcutta: Survey of India.)

Maternity and Child Welfare. By E. J. Smith. Pp. 88. (London: P. S. King and Son, Ltd.) 1s. net.

Transactions and Proceedings of the New Zealand Institute for the Year 1914. Vol. xlvii. Pp. vii+704. (Wellington, N.Z.: J. Mackay; London: W. Wesley and Son.)

DIARY OF SOCIETIES.

FRIDAY, OCTOBER 29.

INSTITUTION OF MECHANICAL ENGINEERS, at 8.—Thomas Hawksley Lecture: The World's Sources of Fuel and Motive Power: Dr. Dugald Clerk.

SATURDAY, OCTOBER 30.

ESSEX FIELD CLUB (at the Essex Museum, Stratford), at 6.—Some Remarks on the Ease with which the guns in Flanders may be heard in Essex: Miller Christy.—The Structure and Growth of Lichens: Miss A. Lorrain Smith.—Field Notes on Essex Ornithology: F. J. Stubbs.

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TUESDAY, NOVEMBER 2.

RÖNTGEN SOCIETY, at 8.15.—Presidential Address: J. H. Gardiner. ROYAL ANTHROPOLOGICAL INSTITUTE, at 5.—The First Siege of Troy: H. J. E. Peake.

WEDNESDAY, NOVEMBER 3.

GEOLOGICAL SOCIETY, at 5.30.—Discovery of a Fossil Elephant at Chatham: Dr. C. W. Andrews.

SOCIETY OF PUBLIC ANALYSTS, at 8.—Formic Acid as a Reagent in Essential Oil Analysis: W. H. Simmons.—Note on the Melting-point of Salicylic Acid, and a Test for the Presence of Para-hydroxybenzoic Acid: H. L. Smith.—The Persistence of Hydrogen Peroxide in Milk: F. Hinks. ENTOMOLOGICAL SOCIETY, at 8.

THURSDAY, NOVEMBER 4.

ROYAL SOCIETY, at 4.30.—*Probable Papers*: A Diagram to Facilitate the Study of External Ballistics: Prof. W. E. Dalby.—An Application of the Principle of Dynamical Similitude to Molecular Physics: W. B. Hardy.—The Motion of a Stream of Finite Depth past a Body: R. Jones.—Deep-sea Water Waves caused by a Local Disturbance on or beneath the Surface: K. Terazawa.—The Consumption of Carbon in the Electric Arc: W. G. Duffield.

SOCIETY OF ENGINEERS, at 7.30.

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