

high plateau and of the eastern Cordillera stood at sea-level in the late Tertiary.—W. H. **Bucher**: Large current-ripples as indicators of palæogeography. A study of the Cincinnati anticline.—E. C. **MacDowell**: The bearing of selection experiments with *Drosophila* upon the frequency of germinal changes. A study of extra bristles indicates that they are primarily occasioned by one germinal unit, and that no change of evolutionary or practical significance has occurred during fifty generations.—S. **Taber**: Pressure phenomena accompanying the growth of crystals. Many phenomena connected with the metamorphism of rocks, the growth of concretions, and the formation of mineral deposits are difficult to explain under any other hypothesis than that growing crystals have made room for themselves by exerting pressure on the surrounding material.—T. B. **Johnson** and A. A. **Ticknor**: A new method of transforming esters of α -amino-acids into their corresponding isothiocyanates.—W. G. **Foye**: The geology of the Fiji Islands. It cannot be said that the modern reefs of Fiji fully support Darwin's theory.—D. F. **Jones**: Dominance of linked factors as a means of accounting for heterosis.—E. F. **Smith**: Chemically induced crown-galls. Small tumours have been produced by the application of various chemicals.—G. D. **Birkhoff**: Dynamical systems with two degrees of freedom.

BOOKS RECEIVED.

Transactions of the Royal Society of Edinburgh. Vol. li., part ii. Session 1915-16. Vol li., part iii. Sessions 1915-16-17. (Edinburgh: R. Grant and Son.) 33s. and 35s.
 Modern Man and his Forerunners. By H. G. F. Spurrell. Pp. xi+192. (London: G. Bell and Sons, Ltd.) 7s. 6d. net.
 A Year of Costa Rican Natural History. By A. S. Calvert and P. P. Calvert. Pp. xix+577. (New York: The Macmillan Co.; London: Macmillan and Co., Ltd.) 12s. 6d. net.
 Microscopic Analysis of Cattle-foods. By T. N. Morris. Pp. viii+74. (Cambridge: At the University Press.) 2s. net.
 The Biology of Dragonflies. By R. J. Tillyard. Pp. xi+396. (Cambridge: At the University Press.) 15s. net.
 Fossil Plants: a Text-book for Students of Botany and Geology. By Prof. A. C. Seward. Vol. iii. Pp. xviii+656. (Cambridge: At the University Press.) 18s. net.
 Explosives. By A. Marshall. Second edition. Vol. ii. Properties and Tests. Pp. ix+411 to 795. (London: J. and A. Churchill.) 3l. 3s. net two vols.
 The Statesman's Year Book, 1917. Edited by Dr. J. Scott Keltie, assisted by Dr. M. Epstein. Pp. xlv+1504+4 plates. (London: Macmillan and Co., Ltd.) 12s. 6d. net.
 The Standard Cyclopædia of Horticulture. By L. H. Bailey. Vol. vi., S-Z. Pp. v+3043 to 3639+plates. (New York: The Macmillan Co.; London: Macmillan and Co., Ltd.) 25s. net.
 Health and the State. By Dr. W. A. Brend. Pp. xi+354. (London: Constable and Co., Ltd.) 10s. 6d. net.
 Practical Chemistry for Medical Students. By Dr. A. C. Cumming. Second edition. Pp. 8+165. (Edinburgh: J. Thin.)
 How to Know the Ferns. By S. L. Bastin. Pp. viii+136. (London: Methuen and Co., Ltd.) 1s. 6d. net.
 Farm Forestry. By Prof. J. A. Ferguson. Pp. viii+241. (New York: J. Wiley and Sons, Inc.; London: Chapman and Hall, Ltd.) 6s. net.

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Introduction to the Rarer Elements. By Dr. P. E. Browning. Fourth edition. Pp. x+250. (New York: J. Wiley and Sons, Inc.; London: Chapman and Hall, Ltd.) 7s. net.

Steam Turbines. By J. A. Moyer. Third edition. Pp. xi+468. (New York: J. Wiley and Sons, Inc.; London: Chapman and Hall, Ltd.) 16s. 6d. net.

A Bibliography of British Ornithology from the Earliest Times to the End of 1912. By W. H. Mullens and H. Kirke Swann. Part vi. (London: Macmillan and Co., Ltd.) 6s. net.

Researches of the Department of Terrestrial Magnetism. Part iii. Oceanic Magnetic Observations, 1905-16, and Reports on Special Researches. By L. A. Bauer and others. Pp. vii+447. (Washington: Carnegie Institution.)

The Human Worth of Rigorous Thinking. By Prof. C. J. Keyser. Pp. 314. (New York: Columbia University Press; London: H. Milford.)

Soil Conditions and Plant Growth. By Dr. E. J. Russell. Third edition. Pp. viii+243+diagrams. (London: Longmans and Co.) 6s. 6d. net.

DIARY OF SOCIETIES.

FRIDAY, JULY 6.

GEOLOGISTS' ASSOCIATION, at 7.30.—Notes on Volcanic Phenomena in New Zealand; Miss M. S. Johnston.—Flint-working Sites in the Submerged Forest of Carmarthen Bay: A. L. Leach.

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Editorial and Publishing Offices:

MACMILLAN AND CO., LTD.,

ST. MARTIN'S STREET, LONDON, W.C.2.

Advertisements and business letters to be addressed to the Publishers.

Editorial Communications to the Editor.

Telegraphic Address: PHUSIS, LONDON.

Telephone Number: GERRARD 8830.