

the author had examined 2789 flowers for the corolla, and found from five lobes in 0.33 per cent. to a maximum of eight lobes in 40 per cent., declining to a percentage of 0.04 for those with twelve lobes. Similarly, the teeth of the calyx were examined in 3560 flowers at the same time, and showed with four teeth 2.56 per cent., with five and six lobes the maximum with respective percentages of 46.26 and 47.81, the last being of eight teeth with 0.22 per cent.

Aristotelian Society, April 7.—Prof. Wildon Carr in the chair.—A. F. Shand: Emotion and value. Intrinsic value, whether in external things or in the constituents of the mind, is not a simple, static quality that can be found in some things, but about which nothing further can be said. It is essentially dynamical. It presupposes always something on which it can act, with which it has affinity, and the power of acting on this thing in certain ways. Such value cannot, therefore, be wholly contained in or confined to the thing which possesses it; for a condition of intrinsic value is the power of propagating the same kind of value in the other thing with which it has affinity. But this power, though a part and condition of this value, does not sum it up. For things would not have power to produce excellent effects unless there were something excellent in their own nature. Fear, anger, and hate have one kind of effect; joy, admiration, and love have an opposite kind. The power of each depends on its own nature. The power which is a condition of intrinsic value is therefore also conditioned by it.

Zoological Society, April 8.—Dr. S. F. Harmer, vice-president, in the chair.—Dr. F. E. Beddard: Three foetal sperm whales. Attention was directed to the smallest foetus exhibited, which measured $4\frac{1}{2}$ in. in length.—L. T. Hogben: The progressive reduction of the jugal in the Mammalia.—G. A. Boulenger: Two new lizards and a new frog from the Andes of Colombia.—R. I. Pocock: Structural characters by which the genera of Felidae may be distinguished from each other. Special attention was directed to the formation of the feet in the cheetah (*Acinonyx*), to the modifications of the hyoid apparatus in the lions, tigers, leopards, and jaguars (*Panthera*), and to the position of the partition in the auditory bulla in other genera.

BOOKS RECEIVED.

Sands: Considered Geologically and Industrially under War Conditions. By Prof. P. G. H. Boswell. Pp. 38. (Liverpool: At the University Press.) 1s. net.

Organic Chemistry; or, Chemistry of the Carbon Compounds. By V. von Richter. Edited by Profs. R. Anschütz and G. Schroeter. Vol. i.: Chemistry of the Aliphatic Series. Translated and revised by Dr. P. E. Spielman. Second (revised) edition. Pp. xvi+719. (London: Kegan Paul and Co., Ltd.) 21s. net.

Food (War) Committee, Royal Society. Report on the Composition of Potatoes Grown in the United Kingdom. Pp. 31. (London: Harrison and Sons.) 2s.

Yorkshire Type Ammonites. Edited by S. S. Buckman. Part xviii. (London: W. Wesley and Son.)

A Summary of My Theory of the Sun. By Dr. A. Brester. Pp. 62. (The Hague: W. P. Stockum and Son.)

Carburettors, Vaporisers, and Distributing Valves Used in Internal-Combustion Engines. By E. Butler. Second edition. Pp. viii+288. (London: C. Griffin and Co., Ltd.) 12s. 6d. net.

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The Mica Miner's and Prospector's Guide. By A. A. C. Dickson. Pp. viii+50. (London: E. and F. N. Spon, Ltd.) 4s. 6d. net.

Birds Beneficial to Agriculture. By F. W. Frohawk. Pp. vi+47+22 plates. Economic Series, No. 9, British Museum (Natural History). (London: British Museum, Natural History.) 2s.

Report on Cetacea Stranded on the British Coasts during 1918. By Dr. S. F. Harmer. Pp. 24. (London: British Museum, Natural History.) 3s. 6d.

T.N.T. Trinitrotoluenes and Mono- and Dinitrotoluenes: Their Manufacture and Properties. By G. C. Smith. Pp. vii+133. (London: Constable and Co., Ltd.) 8s. 6d. net.

The Life of Matter: An Inquiry and Adventure. Edited by A. Turnbull. Pp. xviii+324+iv plates. (London: Williams and Norgate.) 7s. 6d. net.

Calcul des Valeurs Absolues. By D. Riabouchinsky. Pp. 113. (Copenhagen.)

DIARY OF SOCIETIES.

THURSDAY, APRIL 24.

INSTITUTION OF ELECTRICAL ENGINEERS, at 6.—Major A. C. Fuller: The Fullerphone, and its Application to Military and Civil Telegraphy.

TUESDAY, APRIL 29.

ZOOLOGICAL SOCIETY, at 5.30.—Dr. W. T. Calman: Marine Boring Animals.—Noel Taylor: A Unique Case of Asymmetrical Duplication in the Chick.—Geo. Jennison: A Chimpanzee in the Open Air in England.

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