

nervous tissue of the cranial and spinal nerves.—E. Bourquelot and M. Bridel: The synthesis of  $\beta$ -geranylglucoside with the aid of emulsin; its presence in plants. The glucoside can be synthesised from geraniol saturated with water and glucose in presence of emulsin; a larger yield is obtained in aqueous acetone solution. The presence of this glucoside was proved in *Pelargonium odoratissimum*.—P. Noël Bernard and J. Bauche: The influence of the mode of penetration (cutaneous or buccal) of *Stephanurus dentatus* on the localisations of this Nematod in the organism of the pig and on its evolution.—E. Pinoy: The necessity of a bacterial association for the development of a Myxobacterium, *Chondromyces crocatus*.—F. Picard and G. R. Blanc: Coccobacillary infections in insects.—F. Kerforne: The Devonian iron minerals of Brittany.—Antonin Lanquine: The presence of layers containing *Witchellia*, of the lower Bajocian, at some new points of the Var.—Alfred Angot: A new barometric formula. The barometric formula communicated to the last meeting is equivalent to Babinet's formula. The latter in its original form is more easy to memorise.—Ladislas Gorczyński: The reduction in the solar radiation for 1912 from pyrheliometric measurements made in Poland.

### BOOKS RECEIVED.

Some Secrets of Nature. With an Introduction by W. J. P. Burton. Pp. xiv+144+plates. (London: Methuen and Co., Ltd.)

The Romance of Nature. A Nature Reader for Senior Scholars. With a Preface by Rev. A. Thornley. Pp. xix+164+x plates. (London: Methuen and Co., Ltd.) 2s.

Démonstration du Théorème de Fermat. By Prof. E. Fabry. Pp. 22. (Paris: Hermann et Fils.) 1.50 francs.

Grundriss der Fermentmethoden. By Prof. J. Wohlgemuth. Pp. ix+355. (Berlin: J. Springer.) 10 marks.

Petrographische Untersuchungen an Gesteinen des Polzengebietes in Nord-Böhmen. Des xxxii. Bandes. Der Abhandlungen der Mathematisch-Physischen Klasse. No. VII. By K. H. Scheumann. Pp. vi+607-776. (Leipzig: B. G. Teubner.) 8 marks.

Memoirs of the Geological Survey of India. Vol. xl. Part 1. The Oil-Fields of Burma. By E. H. Pascoe. Pp. x+269+xxxix+54 plates. (Calcutta: Geological Survey of India; London: Kegan Paul and Co., Ltd.) 5 rupees, or 6s. 8d.

Les Idées Modernes sur la Constitution de la Matière. Conférences Faites en 1912. By E. Bauer, A. Blanc, E. Bloch, Mme. P. Curie, A. Debiérne, and others. Pp. 370. (Paris: Gauthier-Villars.) 12 francs.

Les Moteurs Thermiques dans leurs rapports avec la Thermodynamique. Moteurs à explosion et à Combustion. Machines alternatives à Vapeur. By F. Moritz. Pp. vi+297. (Paris: Gauthier-Villars.) 13 francs.

Proceedings of the Third Meeting of the General Malaria Committee held at Madras, November 18, 19, and 20, 1912. Pp. iv+289. (Simla: Government Central Branch Press.)

The Tarn and the Lake: Thoughts on Life in the Italian Renaissance. By C. J. Holmes. Pp. x+48. (London: P. Lee Warner.) 2s. 6d. net.

The British Parasitic Copepoda. By T. Scott and A. Scott. Vol. i. Text. Pp. ix+252+2 plates. Vol. ii. Plates. Pp. xii+1xxii plates. (London: The Ray Society; Dulau and Co., Ltd.) 15s. net.

Das Tierreich. Edited by F. E. Schulze. Lief. 34 to 38. (Berlin: R. Friedländer und Sohn.) 18 marks;

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38 marks; 13 marks; 3.50 marks; 5.20 marks respectively.

Animal Husbandry for Schools. By Prof. M. W. Harper. Pp. xxii+409. (London: Macmillan and Co., Ltd.) 6s. net.

The Development of the Human Body. By Prof. J. P. McMurrich. Fourth edition. Pp. x+495. (London: H. Kimpton.) 12s. 6d. net.

Die Europäische Schlangen. By Dr. F. Steinhil. Zweites Heft. Plates 6-10. (Jena: G. Fischer.) 3 marks.

Sitzungsberichte der Physikalisch-medizinischen Societät in Erlangen. 44 Band. 1912. Pp. xxvii+256. (Erlangen: M. Mencke.)

Irritability: a Physiological Analysis of the General Effect of Stimuli in Living Substance. By Prof. Max Verworn. Pp. xii+264. (New Haven, Conn.: Yale University Press; London: Oxford University Press.) 15s. net.

Travers' Golf Book. By J. D. Travers. Pp. 232. (London: Macmillan and Co., Ltd.) 8s. 6d. net.

Paläontologische Zeitschrift. Edited by Prof. O. Jaekel. Band I. Heft 1. Pp. 160+3 plates. (Berlin: Gebrüder Borntraeger.) 25 marks.

The Eugenics Education Society. Fifth Annual Report, 1912-13. Pp. 76. (London: Kingsway House, Kingsway.)

A History of the First Half-Century of the National Academy of Sciences, 1863-1913. Pp. ix+399+plates. (Washington: The National Academy of Sciences.)

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