

U.S.A., who has described the *Hercynellas* of the Waterlime group as being associated with a brackish or estuarine fauna containing eurypterids and pod-shrimps, and therefore differing considerably from the Victorian occurrence.—R. Etheridge, jun.: Reptilian notes. (1) The identity of *Megalania* (vel *Varanus*) *prisca*, Owen, with *Notiosaurus dentatus*, Owen. Some vertebrae, limb-bones, dentary, and tooth from King Creek, Condamine River, in the Australian Museum, confirm Lydekker's conjecture of the identity of these two forms. (2) *Megalania prisca*. A cave fossil from the Wellington Caves Reserve. Remains of this lizard have now been recorded from fluvialite, spring, and cave deposits. (3) An opalised reptilian dentary from Lightning Ridge, Walgett, of Cretaceous age, described as *Crocodylus* (? *Botto-saurus*) *selaslophensis*.

#### PETROGRAD.

**Imperial Academy of Sciences**, September 28, 1916.—E. S. Fedorov: The determination of the density of the atoms in the surfaces of crystals.—V. P. Amalickij: Geological and palaeontological explorations on the northern Dvina and the Suchona. Palaeontological results. Reptilia. Part i., Anomodonta, Owen; Dicynodontidae, Broom; Dvinosauridae, n.f. Part ii., Seymouridae.—G. N. Frederiks: The genera *Reteporina*, d'Orbigny; *Phyllopora*, King; and the allied forms of the Fenestellidae.—R. Abels: Magnetic observations in W. Siberia, 1914-15.—S. V. Orlov: Simplified formulae applied to investigating the curve in the tail of comet 1908c (Morehouse).—S. Kostinskij: The new variable 1916 Cassiopeiæ.—A. A. Bëlopol'skij: A new method of determining the radial velocities of stars with the spectro-comparator.—B. Gorodkov: A journey to the southern limit of the conifer forests of the Tobolsk Government.—D. Smirnov: Observations on the life of *Ellobius talpinus*, Pall., in the Merv oasis (Mammalia, Rodentia).—A. R. Prendel: The Hirudinea of the ancient beds of the Dniester.—A. V. Martynov: A new species of the tribe of the Apataniini and other forms from the Minussinsk district.—V. and E. Martino: Materials for the classification and geographical distribution of the Mammifera of the Kirgise Steppe. Part ii.—A. Birulia: *Miscellanea scoriologica*, xi. The scoriop-fauna of Lower Mesopotamia, Kurdistan, and N. Persia.—A. A. Borisiak: Tertiary mammals of Russia. No. 1, Indricotherium, n.g.—V. I. Palladin and V. V. Levčenko: Glycuronic acid in plants.

**SECTION FOR HISTORICAL SCIENCE AND PHILOLOGY**, October 12.—A. N. Samojlovič: The adages of the Crimean Tatars.—Vl. Kotvič: Mongolian inscriptions of Erdenidzu.—E. D. Polivanov: A note on Japanese riddles.—V. M. Aleksëev: The immortal doubles and the tao-sse with the golden toad in the suite of the god of riches.—N. J. Marr: The migration of the Japhetic peoples from the southern to the northern Caucasus.—V. V. Bartold: The folk-tale of Dido's ruse.

#### BOOKS RECEIVED.

The Towns of Roman Britain. By the Rev. J. O. Bevan. Pp. viii+65. (London: Chapman and Hall, Ltd.) 2s. 6d. net.

Stars at a Glance. Pp. 48. (London: G. Philip and Son, Ltd.) 1s. net.

Genetics and Eugenics. By Prof. W. E. Castle. Pp. vi+353. (Cambridge, Mass.: Harvard University Press; London: Oxford University Press.)

Joseph Pennell's Pictures of War Work in England. Pp. xii+plates li. (London: W. Heinemann.) 6s. net.

Cosmical Evolution: Critical and Constructive. By

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E. McLennan. Second edition. Pp. xxi+490. (Corvallis, Oregon: The Author.)

God's Progressive Revelations of Himself to Men. By the Rev. Canon J. M. Wilson. Pp. 62. (London: S.P.C.K.) 1s. net.

### DIARY OF SOCIETIES.

SATURDAY, JANUARY 6.

GEOLOGISTS' ASSOCIATION, at 3.—The Age of the Chief Intrusions of the Lake District: J. F. N. Green.—The Ibex-zone at Charnmouth: W. D. Lang.

MONDAY, JANUARY 8.

ARISTOTELIAN SOCIETY, at 8.—Hume's Theory of the Credibility of Miracles: C. D. Broad.

ROYAL GEOGRAPHICAL SOCIETY, at 8.30.—The Geography of South American Railways: W. S. Barclay.

TUESDAY, JANUARY 9.

INSTITUTION OF CIVIL ENGINEERS, at 5.30.—Recent Progress in Dredging Machinery: W. Brown.

WEDNESDAY, JANUARY 10.

GEOLOGICAL SOCIETY, at 5.30.—Notes on the J. A. Douglas Collection of Graptolites from Peru: Dr. C. Lapworth.—The Palaeozoic Platform beneath the London Basin and Adjoining Areas, and the Disposition of the Mesozoic Strata upon it: H. A. Baker. With an Appendix by Dr. A. M. Davies.

THURSDAY, JANUARY 11.

ROYAL GEOGRAPHICAL SOCIETY, at 5.30.—The Amazon River and Unexplored South America: J. Campbell Besley.

INSTITUTION OF ELECTRICAL ENGINEERS, at 8.—Principles Involved in Computing the Depreciation of Plant: F. Gill and W. W. Cook.

FRIDAY, JANUARY 12:

ROYAL ASTRONOMICAL SOCIETY, at 5.  
MALACOLOGICAL SOCIETY, at 8.—*Patella vulgata*, L., and its so-called Variety, *P. depressa*, Penn.: Rev. Dr. A. H. Cooke.—The Occurrence of Manganese in Mollusca: Dr. A. E. Boycott.—Note on the Holotype of *Crioceratites bowenbanki*: J. de C. Sowerby and G. C. Crick.

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