

symptom was foul-smelling breath and putrid expectoration. The fungus was shown to be pathogenic to the guinea-pig and rabbit, producing bilateral purulent pleurisy. Treatment with potassium iodide caused marked improvement.—F. Kerforne: The systematic position of the deposits of iron ore in the lower Ordovician in the region of Châteaubriant.

BOOKS RECEIVED.

South Australia. A Review of Mining Operations in the State of South Australia during the Half-Year ended June 30, 1914. Pp. 64. (Adelaide: R. E. G. Rogers.)

Department of Mines. Geological Survey of N.S.W. The Great Australian Artesian Basin and the Source of its Water. By E. F. Pittman. Pp. 57. (Sydney: W. A. Gullick.)

Transactions of the Paisley Naturalists' Society. Edited by Rev. C. A. Hall. Vol. ii. Pp. xvi+120. (Paisley: A. Gardner.) 3s. 6d. net.

Intermediate Practical Chemistry for University Students. By F. W. Attack. Pp. viii+204. (London and Manchester: Sherratt and Hughes.) 4s. net.

The Elements of Electro-Plating. By J. T. Sprague. Pp. vii+72. (London: E. and F. N. Spon, Ltd.) 1s. 6d. net.

Liquid Drops and Globules: their Formation and Movements. By C. R. Darling. Pp. x+83. (London: E. and F. N. Spon, Ltd.) 2s. 6d. net.

The Dynamics of Surfaces: an Introduction to the Study of Biological Surface Phenomena. By Prof. L. Michaelis. Translated by W. H. Perkins. Pp. viii+118. (London: E. and F. N. Spon, Ltd.) 4s. net.

Motion of Liquids. By Lieut.-Col. R. de Villamil. Pp. xiv+210. (London: E. and F. N. Spon, Ltd.) 7s. 6d. net.

An Introduction to the Study of Fossils (Plants and Animals). By Prof. H. W. Shimer. Pp. xiv+450. (London: Macmillan and Co., Ltd.) 10s. 6d. net.

Iowa Geological Survey. Vol. xxiv. Annual Report, 1913, with accompanying Papers. Pp. xvi+792. (Des Moines: Iowa Geological Survey.)

The Cambridge University Calendar for the Year 1914-15. Pp. xxx+1034. (Cambridge University Press.) 7s. 6d. net.

Department of the Interior. U.S. Geological Survey. Mineral Resources of the United States. Calendar Year, 1912. Part i., Metals. Pp. 1079. Part ii., Non-Metals. Pp. 1218. (Washington: Government Printing Office.)

Plane Trigonometry and Tables. By G. Wentworth and D. E. Smith. Pp. v+188+v+104. (Boston and London: Ginn and Co.) 5s.

Elements of General Science. By Dr. O. W. Caldwell and W. L. Eikenberry. Pp. xiv+308. (Boston and London: Ginn and Co.) 4s. 6d.

Bergens Museum. Aarsberetning for 1913 og iste halvår 1914. Pp. 122. Aarbok 1914-15. 1ste Hefte. Avhandlinger og Aarsberetning utgit av Bergens Museum. By J. Holmboe. Skrifter. Ny Roekke. Bind i., No. 2. Studies on the Vegetation of Cyprus. By J. Holmboe. Pp. 344. (Bergen: J. Griegs.)

An Account of the Crustacea of Norway. By G. O. Sars. Vol. vi., Copepoda Cyclopoida. Parts v. and vi., Cyclopida. Pp. 57-80. (Bergen: Museum.)

Elements of Forestry. By Profs. F. F. Moon and N. C. Brown. Pp. xvii+392. (New York: J. Wiley and Sons, Inc.; London: Chapman and Hall, Ltd.) 8s. 6d. net.

American Handbook for Electrical Engineers. H. Pender, Editor-in-Chief. Pp. xviii+2023. (New York: J. Wiley and Sons, Inc.; London: Chapman and Hall, Ltd.) 21s. net.

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DIARY OF SOCIETIES.

THURSDAY, DECEMBER 17.

ROYAL SOCIETY OF ARTS, at 4.30.—The Indigo Industry: Dr. F. Mollwo Perkin.

INSTITUTION OF MINING AND METALLURGY, at 8.—*Ajourned Discussion*: Persistence of Ore in Depth: T. A. Rickard.

INSTITUTION OF PETROLEUM TECHNOLOGISTS, at 8.—Notes on the Development of the Trinidad Oilfields: Prof. J. Cadman.

LINNEAN SOCIETY, at 5.—"Witches Brooms," caused by the Gall-mite, *Eriophyes triradiatus*, Nal., on *Salix fragilis*, illustrated by lantern-slides: M. Christy.—The Brent Valley Bird Sanctuary; An Experiment in Bird Protection: W. M. Webb.

FRIDAY, DECEMBER 18.

INSTITUTION OF MECHANICAL ENGINEERS, at 8.—Audible and Other Cab Signals on British Railways: W. C. Acfield, L. P. Lewis, V. L. Raven, W. A. Stanier, and W. Willox.

WIRELESS SOCIETY, at 8.—The High Frequency Resistance of Wires and Coils: Prof. G. W. Osborn Howe.

PHYSICAL SOCIETY, at 5.—Exhibition and Description of Some Apparatus for Class Work in Practical Physics: Dr. G. F. C. Searle.—A Vacuum Guard Ring and its Application to the Determination of the Thermal Conductivity of Mercury: H. R. Nettleton.

MONDAY, DECEMBER 21.

INSTITUTE OF ACTUARIES, at 5.—Canadian Mortgages Regarded as a Field for the Investment of the Funds of British Life Assurance Companies, with some General Notes on Canadian Indebtedness: A. D. Besant.

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