

due to the bite of the Australian tick *Ixodes holocyclus*. G. RAMON: Associated vaccinations. C. LEVADITI, MILES. R. SCHOEN and Y. MANIN, A. VAISMAN: The presence of *Treponema pallidum* in the ovary of mice contaminated with syphilis.

## SYDNEY

Linnean Society of New South Wales, Sept. 27. W. W. FROGGATT: The Coccidæ of the casuarinas. Twenty-eight species of the coccid fauna of the casuarinas are described or noted, five of the species being new. The new species belong to the genera *Gymnaspsis* (1), *Eriococcus* (3) and *Pseudaripersia* (1). One genus is also described as new. E. C. CHISHOLM: Useful Coccinellidæ found on the Comboyne Plateau. Notes are given on eight species of Coccinellidæ which are of economic importance on the Comboyne Plateau. Seven of these species are insectivorous and the eighth is vegetarian. IDA A. BROWN: The geology of the south coast of New South Wales, with special reference to the origin and relationships of the igneous rocks. The tectonic history from Cambrian (?) to post-Tertiary times, considered in relation to the building of south-eastern Australia, indicates that the south coast district was portion of a mobile borderland-massif until the close of the Middle Devonian, when it finally became a portion of the continental massif of Australia. The history of igneous activity is closely related to the tectonic history, and, viewed broadly, supports Harker's generalisation of the association of sub-alkaline and alkaline intrusions with orogenic and epeirogenic earth movements respectively. An ultimately comagmatic origin for all the igneous rocks is suggested.

## Forthcoming Events

[Meetings marked with an asterisk are open to the public.]

## Monday, January 15

VICTORIA INSTITUTE, at 4.30.—(at the Central Hall, Westminster).—Capt. B. Acworth: "Bird Flight and its Bearing on Evolution."

ROYAL COLLEGE OF SURGEONS, at 5.—Prof. W. E. Le Gros Clarke: "The Evolutionary Origin of Primates" (succeeding lecture on January 17).

ROYAL GEOGRAPHICAL SOCIETY, at 5.—Miss Cecilia Goodenough: "Homesteading in North-Western Canada".

## Tuesday, January 16

EUGENICS SOCIETY, at 5.15.—(at the Linnean Society, Burlington House, London, W.1).—"Safeguards in Eugenic Sterilisation"; speakers, Drs. R. Langdon-Down, E. Mapother and C. P. Blocker.\*

KING'S COLLEGE, LONDON, at 5.30.—Prof. Felix Krueger: "Work, Machines and Man" (succeeding lectures on January 18 and 19).\*

## Wednesday, January 17

ROYAL MICROSCOPICAL SOCIETY, at 5.30.—(Annual Meeting to be held in the B.M.A. House, Tavistock Square, London, W.C.1).—Conrad Beck: "Some Recent Advances in Microscopy" (Presidential Address).

TELEVISION SOCIETY, at 7.—(at University College, London, W.C.1).—G. Parr and T. W. Price: "The Application of the Cathode Ray Tube to Television".

ROYAL METEOROLOGICAL SOCIETY, at 7.40.—(Annual General Meeting). Presentation of Symons medal to Sir Gilbert Walker.

Prof. S. Chapman: "The Gases of the Atmosphere" (Presidential Address).

ROYAL SOCIETY OF ARTS, at 8.—J. M. Waldram: "Modern Developments in Street Lighting".

Friday, January 19

KING'S COLLEGE, LONDON, at 5.30.—D. B. Hoseason: "Apparatus for Power Factor Correction" (succeeding lectures on January 26 and February 2).\*

## Official Publications Received

## GREAT BRITAIN AND IRELAND

Safeguards in the Laboratory. Compiled by the Science Masters' Association and Association of Women Science Teachers. Pp. 4. (Bly: Canon Kirkland, King's School.) 6d.

The British Mycological Society Transactions. Edited by J. Ramsbottom, B. F. Barnes and H. Wormald. Vol. 13, Part 3, 13 December. Pp. 189-256+plates 9-18. (London: Cambridge University Press.) 7s. 6d.

Proceedings of the Royal Society. Series A, Vol. 143, No. A848, December 4. Pp. 241, 12s. Series B, Vol. 114, No. B787, December 1. Pp. 103-180. 6s. (London: Harrison and Sons, Ltd.)

Geological Literature added to the Geological Society's Library during the Year 1932. Compiled by the Library Staff. Pp. iv+308. (London: Geological Society.) 10s.

The Journal of the Institution of Electrical Engineers. Edited by P. F. Rowell. Vol. 73, No. 444, December. Pp. 545-616+xii. (London: E. and F. N. Spon, Ltd.) 10s. 6d.

Philosophical Transactions of the Royal Society of London. Series A, Vol. 232, A715: On the Effect of the Temperature of Liquid Hydrogen (-252.8° C.) on the Tensile Properties of Forty-one Specimens of Metals comprising (a) Pure Iron 99.85 per cent, (b) Four Carbon Steels, (c) Thirty Alloy Steels, (d) Copper and Nickel, (e) Four Non-Ferrous Alloys. By Prof. W. J. de Haas and Sir Robert Hadfield. Pp. 297-332. (London: Harrison and Sons, Ltd.)

## OTHER COUNTRIES

Proceedings of the American Academy of Arts and Sciences. Vol. 68, No. 11: The Lower Permian Insects of Kansas. Part 6: Delopteridæ, Protelytroptera, Plectoptera, and a New Collection of Protonotata, Odonata, Megaseoptera, Homoptera and Psocoptera. By Frank M. Carpenter. Pp. 411-503+1 plate. 1.45 dollars. Vol. 68, No. 12: Methods and Procedures used in the Massachusetts Institute of Technology Program of Investigation of the Pressures and Volumes of Water to 460° C., Part 1. By Frederick G. Keyes. Pp. 505-564. 1.20 dollars. (Boston, Mass.)

U.S. Department of the Interior: Geological Survey. Bulletin 849-E: Mineral Deposits near the West Fork of the Chulitna River, Alaska. By Clyde P. Ross. (Investigations in Alaska Railroad Belt, 1931.) Pp. viii+289-333+plates 25-27. 15 cents. Water-Supply Paper 656: Ground-Water Resources of Western Tennessee. By Francis G. Wells. With a Discussion of the Chemical Character of the Water, by Francis G. Wells and Margaret D. Foster. Pp. vii+319+16 plates. 60 cents. Water-Supply Paper 729: Surface Water Supply of the United States, 1932. Part 4: St. Lawrence River Basin. Pp. v+155. 10 cents. (Washington, D.C.: Government Printing Office.)

Memoirs of the Geological Survey of India. Vol. 62, Part 2: Vindhyan Sedimentation in the Son Valley, Mirzapur District. By J. B. Auden. Pp. vii+141-250+x+plates 7-17. (Calcutta: Central Book Depot.) 5.4 rupees; 8s. 6d.

Records of the Geological Survey of India. Vol. 67, Part 3, 1933. Pp. 249-356+plates 12-16. (Calcutta: Central Book Depot.) 2.12 rupees; 5s.

Common Indian Trees and How to Know Them. By R. N. Parker. Pp. iii+46+40 plates. (Delhi: Manager of Publications.) 3.6 rupees; 5s. 9d.

The South African Journal of Science. Vol. 30: Being the Report of the Thirty-first Annual Meeting of the South African Association for the Advancement of Science, Barberton, 1933, 3 July to 8 July. Pp. xi+716. (Johannesburg.) 30s. net.

Jamaica. Annual Report of the Department of Agriculture for the Year ended 31st December 1932. Pp. ii+40. (Jamaica: Government Printing Office.)

Kungl. Sjökarteverket, Stockholm. Resultat af Beobachtungen des Magnetischen Observatoriums zu Lovö (Stockholm) im Jahre 1930. Pp. xvii+80. (Stockholm.)

Smithsonian Miscellaneous Collections. Vol. 87, No. 18: Sun Spots and Weather. By C. G. Abbot. (Publication 3226.) Pp. 10. Vol. 89, No. 10: Studies of American Species of Foraminifera of the Genus *Lepidocyclus*. By Thomas Wayland Vaughan. (Publication 3222.) Pp. 53+32 plates. Vol. 89, No. 11: Tertiary Larger Foraminifera of Venezuela. By Donald Winchester Gravell. (Publication 3223.) Pp. 44+6 plates. (Washington, D.C.: Smithsonian Institution.)

Ministry of Agriculture, Egypt: Technical and Scientific Service. Bulletin No. 134: Water-ways as Vehicles of Infectious Diseases, affecting particularly Cattle in Egypt, and the Relative Sanitary Precautions. By Prof. Dr. M. Carpano. Translated from the Italian by E. Talarewitch. Pp. 8. (Cairo: Government Press.) 2 P.T.

Collection des travaux chimiques de Tchécoslovaquie. Rédigée et publiée par E. Votoček et J. Heyrovský. Année 5, No. 11, Novembre. Pp. 457-502. (Prague: Regia Societas Scientiarum Bohemica.)

Japanese Journal of Mathematics. Translations and Abstracts, Vol. 10, No. 2, November. Pp. 83-132. (Tokyo: National Research Council of Japan.)

Ibero-Americana 6: The Acaxee; a Mountain Tribe of Durango and Sinaloa. By Ralph L. Beals. Pp. iv+36. (Berkeley, Calif.: University of California Press; London: Cambridge University Press.) 35 cents.