

port of it.—Clara Forti: The excision of the vessels and nerves of the ovary: total or partial excision and sexual functions (2). Experiments with rats show that the excision of ovarian vessels and nerves does not markedly disturb, even after several months, the sexual cycle. Excision of the nervo-vascular fibre of the ovary and uterus does, however, cause serious and persistent alterations in the sexual functions.

Official Publications Received.

BRITISH.

- The Animal Year-Book. Issued by the University of London Animal Welfare Society. Vol. 1 (1931). Edited by Dr. C. M. Knight and C. W. Hume. Pp. 173. (London: University of London Press, Ltd.) 2s. net.
- Survey of India. Professional Paper No. 26: Mount Everest and its Tibetan Names. A Review of Sir Sven Hedin's Book, by Col. Sir Sidney Burrard. Pp. ii+18. (Dehra Dun.) 8 annas; 10d.
- Report of the Marlborough College Natural History Society for the Year ending Christmas, 1930. (No. 79.) Pp. 135+5 plates. (Marlborough.) To members, 3s.; to non-members, 5s.
- Education (Scotland). Report for the Year 1930 by the Director on the Royal Scottish Museum, Edinburgh. Pp. 16. (Edinburgh.)
- Uganda Protectorate. Summary of Progress of the Geological Survey of Uganda for the Years 1919 to 1929. Pp. ii+44+6 plates. (Entebbe: Government Printer.) 4s.
- Transactions of the Institute of Marine Engineers, Incorporated. Session 1931. Vol. 43, No. 2, March. Pp. 57-112+xliv. (London.)
- Memoirs of the Department of Agriculture in India. Botanical Series, Vol. 17, No. 5: Cotton Growing in India in relation to Climate. By Trevor Troughton and Mohammad Afzal. Pp. 117-136. (Calcutta: Government of India Central Publication Branch.) 12 annas; 1s. 3d.
- Department of Agriculture, Straits Settlements and Federated Malay States. General Series, No. 4: Reports of Agricultural Field Officers for the Year 1929. Pp. vi+94. (Kuala Lumpur.)
- Memoirs of the Commonwealth Solar Observatory. Memoir No. 2: The Luminosities and Parallaxes of 350 Stars of Spectral Type B. By W. B. Rimmer. Pp. 37. (Canberra: H. J. Green.)
- The Glasgow Naturalist: the Journal of the Natural History Society of Glasgow (including the Transactions and Proceedings of the Society, Third Series). Vol. 9, 1919-1930. Pp. vii+124. (Glasgow: John Smith and Son, Ltd.) 5s. 6d.
- Tanganyika Territory: Department of Tsetse Research. Co-ordination Report No. 4: 1st April 1930 to 30th September 1930. Pp. 12. (Dar es Salaam: Government Printer.) 1s.
- Air Ministry: Aeronautical Research Committee. Reports and Memoranda. No. 1350: Reports and Memoranda published between 1st September 1929 and 31st December 1930. Pp. 8. 6d. net. No. 1357 (Ae. 488—T. 2987): Variable Density Wind Tunnel Test Data on Models of the Hawker Hornbill Aeroplane and the AD-1 Aerofoil Section. By W. S. Diehl and R. F. Anderson. Pp. 9+11 plates. 1s. net. No. 1346 (Ae. 478—T. 2992): The Application of the Method of Operators to the Calculation of the Disturbed Motion of an Aeroplane. By L. W. Bryant and D. H. Williams. Pp. 13. 9d. net. (London: H.M. Stationery Office.)
- Journal of the Chemical Society. March. Pp. iv+445-674+x. (London.)
- Physical Map of the Union of South Africa and adjoining Territories. Compiled by Eric H. Banks. In 4 sheets, 40 in. x 30 in. (Pretoria: Government Printing Office.)
- Report of the R.101 Inquiry. (Cmd. 3825.) Pp. 129. (London: H.M. Stationery Office.) 2s. 6d. net.
- Annual Report of the Council of the Yorkshire Philosophical Society for the Year 1930, presented to the Annual Meeting, February 9th, 1931. Pp. 46+5. (York.)

FOREIGN.

- Ministry of Agriculture, Egypt: Technical and Scientific Service. Bulletin No. 103: The Effects of Topping Egyptian Cotton Plants. By Dr. J. Templeton. Pp. 9+2 plates. (Cairo: Government Printer.) 3 P.T.
- Denkschriften der Schweizerischen Naturforschenden Gesellschaft. Band 66, Abh. 1: Die Spätbronzezeitliche Keramik der Schweiz und ihre Chronologie. Von Emil Vogt. Pp. ii+80+9 Tafeln. (Zürich: Gebrüder Fretz A.-G.)
- Publications of the Kapteyn Astronomical Laboratory at Groningen. No. 45: The Secular Parallax of the Stars of different Apparent Magnitude and Galactic Latitude. By P. J. Van Rhijn and B. J. Bok. Pp. ii+24. (Groningen: Hoitsma Bros.)
- Scientific Papers of the Institute of Physical and Chemical Research. Nos. 285-287: A Relation between Orthobaric Volumes and Temperature, by Jurō Horiuti; Note on the Spark Spectra of Chlorine, by Kiyoshi Murakawa. Pp. 89-109. (Tokyo: Iwanami Shoten.) 40 sen.
- Bergens Museum. Årsberetning, 1929-1930. Pp. 94. Arbok, 1930. Naturvidenskapelig rekke. Hefte 2. Pp. 170. (Bergen: A.-S. John Griegs Boktrykkeri.)
- Memoirs of the College of Science, Kyoto Imperial University. Series A. Vol. 14, No. 1, January. Pp. 42. (Tokyo and Kyoto: Maruzen Co., Ltd.) 1.00 yen.
- Bulletin of the American Museum of Natural History. Vol. 59, Art. 4: Fossil Turtles of Mongolia. By Charles W. Gilmore. Pp. 213-257+11 plates. (New York City.)
- Report of the Aeronautical Research Institute, Tōkyō Imperial University. No. 67: Air Flow through Exhaust Valve of Conical Seat. By Keikiti Tanaka. Pp. 24. (Tōkyō: Koseikai Publishing House.) 0.19 yen.
- Proceedings of the Imperial Academy. Vol. 7, No. 1, January. Pp. 28. (Tokyo.)

No. 3207, Vol. 127]

República Argentina: Ministerio de Agricultura de la Nación. Anales de la Dirección de Meteorología. Tomo 18: Conteniendo las observaciones practicadas en los años 1924, 1925, 1926 y 1927. Vol. 2: Datos meteorológicos. Pp. 52+96 mapas. (Buenos Aires.)

Ministerio da Agricultura, Industria e Commercio: Observatorio Nacional do Rio de Janeiro. Taboas das Marés para o anno de 1931 nos Portos do Rio de Janeiro, Belém, S. Luiz, Amaração, Camocim, Fortaleza, Natal, Cabedello, Tambahú, Recife, Aracajú, Bahia, Ilhéos, Santos e Paranaguá. Pp. 186. (Rio de Janeiro.)

Publikationer fra det Danske Meteorologiske Institut. Aarbøger. Isforholdene i de Arktiske Have (The State of the Ice in the Arctic Sea) 1930. Pp. 17+5 maps. (København: G. E. C. Gad.)

Conseil Permanent International pour l'Exploration de la Mer. Journal du Conseil. Rédigé par E. S. Russell. Vol. 6, No. 1, Mars. Pp. 153. 4.50 kr. Rapports et procès-verbaux des réunions. Vol. 71: Report of the Transition Area Committee concerning Plaiice-Investigations in the Kattegat and Skagerak. Pp. 118. 4.50 kr. Faune ichtyologique de l'Atlantique nord. Publiée sous la direction de Prof. Joublin. No. 5. 24 planches, avec texte. 4.00 kr. (Copenhague: Andr. Fred. Høst et fils.)

Koninklijk Nederlandsch Meteorologisch Instituut. No. 102, Mededeelingen en Verhandelingen, 33: Het Klimaat van Nederland. B (vervolg): Lucht- en grond-temperatuur. Door Dr. C. Braak. Pp. 78. 1.00 f. No. 103, Seismische Registreringen in De Bilt. 16, 1928. Pp. ix+62. 1.00 f. No. 106A, Ergebnisse Aerologischer Beobachtungen. 18, 1929. Pp. iv+46. 2.50 f. (Amsterdam: Seyffardt's Boekhandel.)

Egyptian Government: Central Narcotics Intelligence Bureau. Annual Report for the Year 1930. Pp. xiii+109+19 plates. (Cairo: Government Press.)

U.S. Department of Agriculture. Technical Bulletin No. 224: Habits and Economic Status of the Pocket Gophers. By Theo. H. Scheffer. Pp. 27+8 plates. 10 cents. Technical Bulletin No. 232: A Laboratory Study of the Field Percolation Rates of Soils. By C. S. Slater and H. G. Byers. Pp. 24. 5 cents. Farmers' Bulletin No. 1667: The Great Basin Fireworm in the Pacific Northwest. By M. C. Lana. Pp. ii+9. 5 cents. (Washington, D.C.: Government Printing Office.)

U.S. Department of the Interior: Geological Survey. Bulletin 823: Bibliography of North American Geology, 1919-1928. By John M. Nickles. Pp. iii+1005. 1.25 dollars. Bulletin 826: Names and Definitions of the Geologic Units of California. Compiled by M. Grace Wilmarth. Pp. v+97. 20 cents. (Washington, D.C.: Government Printing Office.)

U.S. Department of Commerce: Bureau of Standards. Bureau of Standards Journal of Research. Vol. 6, No. 2, February. Research Papers Nos. 268-278. Pp. 133-353. (Washington, D.C.: Government Printing Office.)

Scientific Papers of the Institute of Physical and Chemical Research. Nos. 289-291: Über die Polymerisierung der Methylester der höheren ungesättigten Fettsäuren, 6: Hydrierung des polymerisierten Produktes, von Kiichiro Kino; Über die Polymerisierung der Methylester der höheren ungesättigten Fettsäuren, 7: Hydrierung des Leinöles und des Methylesters der flüssigen Fettsäuren des Leinöles, von Kiichiro Kino; On the Isolation of Phytosteroline from Wheat Embryo, by Nobuo Nakamura and Akiyoshi Ichiba. Pp. 127-141. (Tōkyō: Iwanami Shoten.) 40 sen.

Journal of the Faculty of Agriculture, Hokkaido Imperial University. Vol. 30, Part 1: Studies on the Absorption of Ammonia and Nitrate by the Root of Zea Mays-Seedlings, in relation to the Concentration and the Actual Acidity of Culture Solution. By Tsung-Lé Loo. Pp. 118+1 plate. (Tokyo: Maruzen Co., Ltd.)

State of Connecticut: Geological and Natural History Survey. Bulletin No. 48: Additions to the Flora of Connecticut. By Edgar Burton Harger, Dr. Charles Burr Graves, Dr. Edwin Hubert Eames, Charles Alfred Weatherly, Richard William Woodward, George Henry Bartlett. (First Supplement to Bulletin No. 14.) Pp. 94. (Hartford, Conn.) 75 cents.

Agricultural Experiment Station: Michigan State College of Agriculture and Applied Science. Special Bulletin No. 205: Soil Fertilization for Sugar Beets. By James Tyson and M. M. McCool. Pp. 31. Special Bulletin No. 206: Types of Farming in Michigan. By E. B. Hill, F. T. Riddell, and F. F. Elliott. Pp. 83. Technical Bulletin No. 107: The Lansing Food Survey. By C. A. Scholl and W. O. Hedrick. Pp. 152. (East Lansing, Mich.)

Institut des sciences de Buitenzorg: "s Lands Plantentuin". Treubia: recueil de travaux zoologiques, hydrobiologiques et océanographiques. Vol. 12, Livraison 3-4, Décembre 1930. Pp. 265-477. (Buitenzorg: Archipel Drukkerij.) 5.00 f.

CATALOGUES.

Medical Books, including Surgery, Nursing, Dentistry, Pharmacy, Anatomy, Ophthalmology, Hygiene, Homeopathy, Sexology, Pathology, etc. Pp. 44. (London: W. and G. Foyle, Ltd.)

Petrological Microscopes and Accessories. Pp. 24+20. (London: James Swift and Son, Ltd.)

The Taylor-Hobson Outlook. Vol. 3, No. 18, March. Pp. 165-172. (Leicester and London: Taylor, Taylor and Hobson, Ltd.)

Books in various Branches of Science. (No. 456.) Pp. 52. (Cambridge: Bows and Bows.)

Diary of Societies.

FRIDAY, APRIL 17.

INSTITUTION OF MUNICIPAL AND COUNTY ENGINEERS (North-Western District) (at Victoria Station, Manchester), at 9.30 A.M.

BRITISH INSTITUTE OF RADIOLOGY (at North Middlesex Hospital, Edmonton), at 11 A.M.—At 5.—Meeting of Medical Members.

ELECTRICAL ASSOCIATION FOR WOMEN (at Park Lane Hotel), at 11.30 A.M.—Annual General Meeting.—At 3.—Report from Branches, etc.

LONDON SOCIETY (at Royal Society of Arts), at 5.—Dr. D. McKenzie: Noise—a Modern Plague of London.