

Official Publications Received.

BRITISH.

The Economic Proceedings of the Royal Dublin Society. Vol. 2, Nos. 21 and 22. 21: The Rejuvenation of the Champion Potato, by W. D. Davidson; 22: A Review of Literature dealing with the Degeneration of Varieties of the Potato, by W. D. Davidson. Pp. 319-389. (Dublin: Hodges, Figgis and Co.; London: Williams and Norgate, Ltd.) 4s.

Journal of the Indian Institute of Science. Vol. 11A, Part 5: The Dielectric Constants of Ammonia, Phosphine and Arsine. By H. E. Watson. Pp. 41-61. 1 rupee. Vol. 11A, Part 6: The Fermentation of Taddy and an Account of the Micro-Organisms producing It. By M. Damodaran. Pp. 68-74. 12 annas. (Bangalore.)

Worthing Archaeological Society. Sixth Annual Report. Pp. 16. (Worthing: The Museum.)

Mines Department. Sixth Annual Report of the Safety in Mines Research Board, including a Report of matters dealt with by the Health Advisory Committee, 1927. Pp. 55. (London: H.M. Stationery Office.) 9d. net.

Review of Agricultural Operations in India, 1926-27. By Dr. D. Clouston. Pp. vi+158+7 plates. (Calcutta: Government of India Central Publication Branch.) 2 rupees; 3s. 6d.

Memoirs of the Department of Agriculture in India. Veterinary Series, Vol. 4, No. 1: The Chemotherapy of Surra (*Trypanosoma evansi* Infections) of Horses and Cattle in India. By Dr. J. T. Edwards. Pp. iii+100+26 plates. 4.2 rupees; 7s. Veterinary Series, Vol. 4, No. 3: Trypanblue and certain Dithio-aniline Derivatives; their Efficacy in the Treatment of Piroplasmiasis and other Affections in the Central Provinces. By Major R. F. Stirling. Pp. ii+129-137. 3 annas; 4d. (Calcutta: Government of India Central Publication Branch.)

The Agricultural Department, Madras. Bulletin No. 90: The Manurial Problem and its Solution. By Rudolph D. Anstead. Pp. 30. (Madras: Government Press.) 2 annas.

The Physical Society. Proceedings, Vol. 40, Part 4, June 15. Pp. 159-228. (London: Fleetway Press, Ltd.) 7s. net.

Papers from the Geological Department, Glasgow University. Vol. 12 (Octavo Papers of 1927). Pp. viii+17 papers. (Glasgow: Jackson, Wylie and Co.)

FOREIGN.

Proceedings of the United States National Museum. Vol. 71, Art. 24: Catalogue of Human Crania in the United States National Museum Collections: Australians, Tasmanians, South African Bushmen, Hottentots and Negro. By Alois Hrdlička. (No. 2696.) Pp. 140. Vol. 72, Art. 14: Fossil and Recent Bryozoa of the Gulf of Mexico Region. By Ferdinand Canu and Ray S. Bassler. (No. 2710.) Pp. 199+34 plates. Vol. 72, Art. 18: Millipeds of the Order Colobognatha, with Descriptions of Six New Genera and Type Species, from Arizona and California. By O. F. Cook and H. F. Loomis. (No. 2714.) Pp. 26+2 plates. Vol. 72, Art. 24: Description of a New Species of Gecko from Tanganyika Territory, Africa. By Arthur Loveridge. (No. 2720.) Pp. 2+1 plate. (Washington, D.C.: Government Printing Office.)

A Series of Seven Radio Talks on Science in Industry (with Select Bibliographies). Delivered by Dr. Edward R. Weidlein, Prof. Stephen L. Goodale, Dr. James B. Garner, Frederick W. Sperr, Dr. Warren Fred Faragher, Dr. E. Ward Tiltotson, Macdonald C. Booze, William A. Hamor. (Radio Publication No. 9.) Pp. 40. (Pittsburgh, Pa.: University of Pittsburgh.) 60 cents.

A Series of Eleven Radio Talks on Science in the Home. By W. A. Hamor, E. R. Harding, R. R. Irvin, Dr. Donald K. Tressler, Dr. H. M. Johnson, R. H. Heilman, George H. Johnson, L. E. Jackson, Dr. O. F. Hedenburg, Dr. F. F. Rupert, Carl H. Geister, Edgar S. Ross. (Radio Publication No. 23.) Pp. 83. (Pittsburgh, Pa.: University of Pittsburgh.) 75 cents.

A Series of Six Radio Talks on Automobile Engines: their Operation and Care. By Dr. Philip K. Porter, Dr. Donald R. Stevens, Samuel P. Marley, Dr. B. L. Souther, C. J. Livingstone. (Radio Publication No. 28.) Pp. 51. (Pittsburgh, Pa.: University of Pittsburgh.) 60 cents.

A Series of Seven Radio Talks on Wearing Apparel: its Manufacture, Utility, Selection and Care. By Edgar R. Clark, C. F. Goldthwait, Lloyd E. Jackson, George H. Johnson, Dr. Rob Roy McGregor, Helen E. Wassell. (Radio Publication No. 37.) Pp. 62. (Pittsburgh, Pa.: University of Pittsburgh.) 50 cents.

Methods and Problems of Medical Education. (Ninth Series.) Pp. iv+386. (New York City: The Rockefeller Foundation.)

Proceedings of the Academy of Natural Sciences of Philadelphia, Vol. 80. The Alpine Algal Vegetation of the Mountains of British Columbia. By Wm. Randolph Taylor. Pp. 45-114+plates 9-13. (Philadelphia, Pa.)

CATALOGUES.

A Selection from the Catalogue of Medical Works. Pp. 8. Eighty-Four Years, 1844-1928. Pp. 8. (London: H. K. Lewis and Co., Ltd.)

Mathematik, Physik, Chemie. Pp. 96. (Berlin: Verlag Julius Springer.)

The Cambridge Bulletin. No. 60, June. Pp. 28+8 plates. (Cambridge: At the University Press.)

Diary of Societies.

SATURDAY, JULY 14.

PHYSIOLOGICAL SOCIETY (in Department of Physiology, University Oxford), at 3.15.—J. R. Marrack and L. F. Hewitt: Osmotic Pressure of Egg Albumin.—H. M. Vernon, T. Bedford, and C. G. Warner: The Influence of Various Systems of Artificial Heating on Skin Temperature.—W. L. Dulière and H. V. Horton: Non-irritable Muscles.—M. Hirst and C. G. Imrie: The Influence of Thyroid in certain Types of Creatinuria.—C. G. Imrie: Blood Sugar and Hyperncea.—D. Denny

Brown: Isometric Records of Contraction from the External Ocular Muscles.—D. Denny Brown and Sir C. S. Sherrington: Facilitation in the Flexion-Reflex.—S. Cooper: Arrangement of Fractional Contractions in Muscle.—J. F. Fulton: Changes in the Vascularity of the Human Occipital Cortex during Visual Effort.—J. Argyll Campbell: The Effects of Breathing Carbon Dioxide and Oxygen Mixtures upon the Carbon Dioxide and Oxygen Tensions in the Tissues.—J. Mellanby: The Action of Secretin on Plain Muscle.—W. Burridge: Note on Sweating.—J. B. S. Haldane: Pituin and the Chloride-Concentrating Power of the Kidneys.—P. M. T. Kerridge and F. R. Winton: The Hydrogen Ion Activity of the Isolated Uterus.—Demonstrations:—W. H. Wilson and M. Hammonda: Method of Investigating the Effects of Inflation and Deflation of the Lungs on the Respiratory Rhythm in Animals.—Dr. A. S. Parkes and G. F. Marrian: The Induction of Complete Growth of the Mammary Gland in the Non-pregnant Rabbit.—H. M. Carleton: Histological Changes in the Heart following Removal of the Fibrous Pericardium.—H. M. Carleton and D. T. Barnes: Radiographs of Cat's Heart after Removal of the Fibrous Pericardium.—S. Cooper and R. S. Creed: Extensor Reflexes in a Decerebrate Preparation.—D. Denny Brown and E. G. T. Liddell: The Tendon-Reflex.—D. Denny Brown: The Nerve-Endings in Striped Muscle.—J. F. Fulton and Sir C. S. Sherrington: Spinal Flexion-Reflex.—G. Ekehorn: A Method of Microtittation.

MONDAY, JULY 16.

BRITISH INSTITUTE OF PHILOSOPHICAL STUDIES (Annual General Meeting) (at Royal Society of Arts), at 5.30.—Addresses by The Earl of Balfour, Sir Robert S. Horne, Sir Martin Conway, and Prof. L. T. Hobhouse.

SATURDAY, JULY 21.

INSTITUTION OF MUNICIPAL AND COUNTY ENGINEERS (South-Western District Meeting) (at Ilfracombe), at 12.

CONFERENCES.

JULY 13, 14, AND 15.

MIND ASSOCIATION: ANNUAL MEETING AND JOINT SESSION WITH THE ARISTOTELIAN SOCIETY.

July 13.

At 5.—Mind Association (Annual Meeting) (at Clifton Hill House, Bristol), followed by a Joint Session with the Aristotelian Society, for which the following arrangements have been made:—

Friday, July 13.

At 8.—Chairman: Prof. J. A. Smith.—Address by Prof. G. C. Field.

Saturday, July 14.

At 10.—Chairman: Prof. Beatrice Edgell.—Symposium: The Nature of the Self and of Self-consciousness. Prof. G. Dawes Hicks, Prof. J. Laird, A. Dorward.

At 2.—Chairman: Prof. J. H. Muirhead.—Symposium: Bosanquet's Account of the General Will. A. D. Lindsay, Prof. H. J. Laski.

At 8.—Chairman: Prof. H. Wildon Carr.—Symposium: Time and Change. J. MacMurray, R. B. Braithwaite, Dr. C. D. Broad.

Sunday, July 15.

At 2.—Chairman: Prof. G. E. Moore.—Symposium: Is there a Moral End? Prof. J. L. Stocks, Prof. W. G. De Burgh, W. D. Ross.

At 8.—Chairman: Prof. T. P. Nunn.—Symposium: Materialism in the Light of Modern Scientific Thought. Prof. L. J. Russell, Miss L. S. Stebbing, Prof. A. E. Heath.

JULY 14-17.

INTERNATIONAL GEOGRAPHICAL CONGRESS (at London).

JULY 16-21.

ROYAL SANITARY INSTITUTE (at Plymouth).

JULY 17-20.

BRITISH EMPIRE CANCER CAMPAIGN.—International Conference.

Tuesday, July 17.

At 9.45 A.M. (at the Royal Society of Medicine).—Sir John Bland-Sutton: Address of Welcome.

At 10 A.M. (at Royal Society of Medicine).—The Relative Values of Surgery and Radiation in the Treatment of Cancer of the Cervix Uteri, Rectum, Breast and Buccal Cavity. Chairman: Sir John Bland-Sutton. General Opener: Prof. Regaud.—Cancer of the Cervix. Opener: Dr. M. Donaldson. Papers: Dr. Lacassagne, Sir Gilbert Barling, Bt.; Dr. Healey, Dr. Cheval, Dr. Zweifel, Dr. J. Muir, C. Berkeley.—Cancer of the Rectum. Opener: Sir Charles Gordon-Watson. Papers: Prof. Hartmann, W. E. Miles, J. P. Lockhart-Mummery, Dr. D. Quick, Dr. Neumann.

At 10 A.M. (at College of Nursing).—The Etiology of Cancer. Chairman: Lord Dawson of Penn. Opener: Prof. J. Ewing. Papers: Prof. Roussy; Prof. Blumenthal, Prof. Leitch, Prof. Borrel, Prof. Deelman, Dr. Murphy, Prof. Maisin, Prof. Rhoda Erdmann, Prof. J. McIntosh, Miss Maude Slye, Prof. Teutschlaender, Prof. Blair Bell, Prof. Leo Loeb.

Wednesday, July 18.

At 9.30 A.M. (at Royal Society of Medicine).—The Classification and Treatment of Bone Sarcoma. Chairman: Sir Charles Gordon-Watson. Opener: Prof. Ewing. Papers: W. S. Handley, Dr. W. B. Coley, J. Taylor, Dr. C. Simmons, Prof. Fichera, Dr. F. Martin, R. C. Elmslie, Prof. M. J. Stewart, T. W. P. Lawrence.—Some Present Day Medical Aspects of Cancer. Chairman: Sir William Willcox.—Short Papers:—A Consideration of Cancer Cachexia, by Sir Thomas Horder. The alleged increased frequency of Primary Carcinoma of the Lung,