

## Official Publications Received

## Great Britain and Ireland

- Forestry Commission. Sixteenth Annual Report of the Forestry Commissioners for the Year ending September 30th, 1935. Pp. 45. (London: H.M. Stationery Office.) 1s. net. [167]
- The National Physical Laboratory. Physical Constants of Pure Metals. Pp. 27. (London: H.M. Stationery Office.) 6d. net. [187]
- University of Bristol. The Annual Report of the Agricultural and Horticultural Research Station (The National Fruit and Cider Institute), Long Ashton, Bristol, 1935. Pp. 250. (Bristol: The University.) [187]
- The Hannah Dairy Research Institute. Annual Report for the Year ending 31st March 1936. Pp. 20. (Ayr: Hannah Dairy Research Institute.) [207]
- Technical College, Bradford. Diploma and Special Day Courses, Session 1936-1937. Pp. 257+22 plates. (Bradford: Technical College.) [217]
- The Scientific Proceedings of the Royal Dublin Society. Vol. 21 (N.S.), No. 35: Report of the Irish Radium Committee for the Year 1935; including Reports by Oliver Chance and Oswald J. Murphy. Pp. 317-332. (Dublin: Hodges, Figgis and Co.; London: Williams and Norgate, Ltd.) 1s. [227]
- Bedfordshire 'Vermin' Payments: concerning the Destruction of 'Vermin' by Parish Officials during the XVI-XIX Centuries, with Extracts from their Accounts. By J. Steele Elliott. Pp. 82+2 plates. (Luton: Public Museum.) 4s. [227]
- Technical Publications of the International Tin Research and Development Council. Series A, No. 42: Opacifiers in Wet and Dry Enamels. By Dr. L. Stuckert. Pp. 31. (London: International Tin Research and Development Council.) Free. [227]
- Medical Research Council. Sixteenth Annual Report of the Industrial Health Research Board to 30th June 1936. Pp. ii+34. (London: H.M. Stationery Office.) 9d. net. [237]
- The English Golf Union Year Book, 1936. (Published for the English Golf Union.) Pp. xviii+176+48. (Northwood: Rawlinsons Library.) 2s. 6d. [277]
- Armstrong College, Newcastle upon Tyne: Standing Committee for Research. Report, Session 1934-1935. Pp. 40. (Newcastle: Armstrong College.) [287]
- Home Office. Report of the Advisory Committee on the Scientific Investigation of Crime. Pp. 10. (London: H.M. Stationery Office.) 2d. net. [287]
- International Polar Year, 1932-33: British Expedition to Fort Rae. Some General Characteristics of Aurora at Fort Rae, N.W. Canada, 1932-33. Pp. 6. (London: International Polar Year, c/o Royal Society.) [297]

## Other Countries

- U.S. Department of the Interior: Geological Survey. Bulletin 847-C: The Richey-Lambert Coal Field, Richland and Dawson Counties, Montana. By Frank S. Parker. Pp. iv+121-174+plates 22-27. 35 cents. Bulletin 855: Geology and Mineral Resources of the Bellefonte Quadrangle, Pennsylvania. By Charles Butts and Elwood S. Moore. Pp. vi+111+12 plates. 50 cents. Bulletin 865: Geology of the Monument Valley-Navajo Mountain Region, San Juan County, Utah. By Arthur A. Baker. Pp. vi+106+17 plates. 60 cents. Professional Paper 183: Correlation of the Jurassic Formations of parts of Utah, Arizona, New Mexico and Colorado. By A. A. Baker, C. H. Dane and J. B. Reeside, Jr. Pp. v+66+26 plates. 50 cents. Professional Paper 185-H: The Flora of the New Albany Shale. Part 1: *Dichonia kentuckiensis*, a New Representative of the Calamopteryx. By Charles B. Reed. (Shorter Contributions to General Geology, 1934-35.) Pp. ii+149-161+plates 30-33. 5 cents. Water-Supply Paper 677: Ground Water in South-Central Tennessee. By Charles V. Theis. Pp. v+182+7 plates. 50 cents. Water-Supply Paper 679-A: The Thiem Method for determining Permeability of Water-Bearing Materials and its Application to the Determination of Specific Yield; Results of Investigations in the Platte River Valley, Nebraska. By Leland K. Wenzel. (Contributions to the Hydrology of the United States, 1935.) Pp. iv+57+6 plates. 10 cents. Water-Supply Paper 680: Droughts of 1930-34. By John C. Hoyt. Pp. vii+106+1 plate. 20 cents. Water-Supply Paper 760: Surface Water Supply of the United States, 1934. Part 5: Hudson Bay and Upper Mississippi River Basins. Pp. viii+250. 30 cents. Water-Supply Paper 761: Surface Water Supply of the United States, 1934. Part 6: Missouri River Basin. Pp. ix+340. 45 cents. Water-Supply Paper 764: Surface Water Supply of the United States, 1934. Part 9: Colorado River Basin. Pp. vi+151. 20 cents. Water-Supply Paper 773-E: The New York State Flood of July 1935. By Hollister Johnson. (Contributions to the Hydrology of the United States, 1936.) Pp. iv+233-268+plates 22-38. 15 cents. (Washington, D.C.: Government Printing Office.) [157]
- The Tea Research Institute of Ceylon. Bulletin No. 13: Annual Report for the Year 1935. Pp. 85. (Talawakelle: Tea Research Institute of Ceylon.) [167]
- Smithsonian Miscellaneous Collections. Vol. 98, No. 10: Additional Information on the Folsom Complex; Report on the Second Season's Investigations at the Lindenmeier Site in Northern Colorado. By Frank H. H. Roberts, Jr. (Publication 3390.) Pp. iii+38+12 plates. (Washington, D.C.: Smithsonian Institution.) [207]
- Science Reports of the Tokyo Bunrika Daigaku, Series C. Vol. 1, No. 2: Stratigraphical and Paleontological Studies of the Titibu System of the Kwantô-Mountainland, Part 2: Paleontology. By Haruyosi Huzimoto. Pp. 29-125+26 plates. (Tokyo: Maruzen Co., Ltd.) 2.60 yen. [207]
- Commonwealth of Australia: Council for Scientific and Industrial Research. Pamphlet No. 64: Soil Drift in the Arid Pastoral Areas of South Australia. By F. N. Ratcliffe. Pp. 84+12 plates. (Melbourne: Government Printer.) [207]
- Annual Report of the Royal Alfred Observatory for the Year 1935. Pp. 8. (Mauritius: Royal Alfred Observatory.) [217]

Pasteur Institute of India, Kasauli. The Thirty-fourth Annual Report of the Central Committee of the Association and the Audited Account up to March 31st, 1935; also the Report of the Director of the Institute for the Year 1934-35. Parts 1 and 2. Pp. 22+47. (Kasauli: Pasteur Institute of India.) [207]

III<sup>e</sup> Congrès International de Pathologie comparée, Athènes, 15-18 Avril 1936. Tome 1: Rapports. 2<sup>ème</sup> Partie, Section de pathologie végétale: L'immunité chez les végétaux. Pp. iv+277. (Athènes: Editions "Flamma"). [217]

Proceedings of the Academy of Natural Sciences of Philadelphia, Vol. 88. Zoological Results of the George Vanderbilt African Expedition of 1934. Part 3: The Fresh Water Fishes. By Henry W. Fowler. Pp. 243-335. (Philadelphia: Academy of Natural Sciences of Philadelphia.) [227]

Proceedings of the United States National Museum. Vol. 83, No. 2984: Polychaetous Annelids from Amoy, China. By Aaron L. Treadwell. Pp. 261-280. Vol. 83, No. 2987: Two New Cottid Fishes from the Western Pacific, with a Revision of the Genus *Stenlogis* Jordan and Starks. By Rolf L. Bolin. Pp. 325-334. Vol. 83, No. 2988: Tertiary Plants from Venezuela. By Edward W. Berry. Pp. 335-360. (Washington, D.C.: Government Printing Office.) [227]

The Rockefeller Foundation. Annual Report, 1935. Pp. xv+479. (New York: Rockefeller Foundation.) [227]

League of Nations. The Problem of Nutrition. Vol. 1: Interim Report of the Mixed Committee on the Problem of Nutrition. (Series of League of Nations Publications, II. Economic and Financial, 1936. II. B. 3.) Pp. 98. (Geneva: League of Nations; London: George Allen and Unwin, Ltd.) 2s. [227]

Memoirs of the Geological Survey of India. Vol. 68, Part 2: The Tertiary Igneous Rocks of the Pakokku District and the Salingyi Township of the Lower Chindwin District, Burma, with Special Reference to the Determination of the Felspars by the Fedoroff Method. By C. T. Barber. Pp. xii+121-292+xxvi+plates 24-34. (Calcutta: Geological Survey of India.) 4.12 rupees; 8s. [227]

Memoirs of the Geological Survey of India. Vol. 68, Part 1: The Geology of Southeastern Mewar, Rajputana. By Dr. A. M. Heron. Pp. 120+xx+23 plates. (Calcutta: Geological Survey of India.) 7.12 rupees; 13s. [227]

Royal Agricultural Society, Egypt. Bulletin No. 25 of Technical Section and No. 3 of Royal Agricultural Society and Imperial Chemical Industries, Ltd. Joint Agricultural Research Scheme: Experiments in Egypt on the Interaction of Factors in Crop Growth. 3: The Effects of Variety, Spacing, Nitrogen and Water Supply on the Development of the Cotton Plant and the Rate of its Absorption of Nitrogenous Fertilizer. By Dr. Frank Crowther. Pp. 50. (Cairo: Royal Agricultural Society.) [227]

Commonwealth of Australia: Council for Scientific and Industrial Research. Bulletin No. 99: A Survey of the Pastures of Australia; embodying Ecological Information and Discussions explanatory of the accompanying Pasture Map of the Commonwealth. By Dr. A. McTaggart. Pp. 72+10 plates. Bulletin No. 100 (Radio Research Board Report No. 10): 1: A Directional Recorder for Atmospherics, by W. J. Wark, R. W. Boswell and Dr. H. C. Webster; 2: Observations of Atmospherics with a Narrow Sector Directional Recorder at Canberra, by G. H. Munro, W. J. Wark and A. J. Higgs; 3: Characteristics and Distribution of Sources of Atmospherics, by G. H. Munro, W. J. Wark and A. J. Higgs; 4: Sources of Atmospherics over the Tasman Sea, by R. W. Boswell. Pp. 46. (Melbourne: Government Printer.) [227]

Imperial Council of Agricultural Research. Miscellaneous Bulletin No. 11: Tables of Standard Errors of Mendelian Ratios. Compiled by Swarn Singh Purewal and P. Krishna Rao. Pp. ii+37. (Delhi: Manager of Publications.) 12 annas; 1s. 3d. [227]

Ceylon. Part 4: Education, Science and Art (F). Administration Report of the Director of the Colombo Museum for 1935. By A. H. Malpas. Pp. F23. (Colombo: Government Record Office.) 25 cents. [227]

Colony of Mauritius: Department of Agriculture. Sixth Annual Report of the Sugarcane Research Station for the Year 1935. Pp. 52. (Port Louis: Government Printer.) [227]

League of Nations. The Problem of Nutrition. Vol. 2: Report on the Physiological Bases of Nutrition. Drawn up by the Technical Commission of the Health Committee at the Meeting held in London (November 25th-29th, 1935), revised and amplified at the Meeting held in Geneva (June 4th-8th, 1936). (Series of League of Nations Publications, II. Economic and Financial 1936. II. B. 4.) Pp. 27. (Geneva: League of Nations; London: George Allen and Unwin, Ltd.) 6d. [227]

Bernice P. Bishop Museum. Memoirs, Vol. 12, No. 1: The Physical Characters of the Cook Islanders. By H. L. Shapiro and P. H. Buck (To Rangi Hiroa). Pp. 35. (Honolulu: Bernice P. Bishop Museum.) [317]

## Catalogues

Tanna-Flavine for the Treatment of Burns and Scalds. Pp. 8. Adsorption Indicators. Pp. 32. (London: The British Drug Houses, Ltd.)

Photo-Micrographic Equipment. (Catalog E-21.) Pp. 28. (Rochester, N.Y.: Bausch and Lomb Optical Co.)

A Catalogue of Books, Newsbooks and Pamphlets printed before 1700 relating to Charles I, the Civil War and the Commonwealth, 1625-1660. (No. 524.) Pp. 136. (London: Bernard Quaritch, Ltd.)

Gulf Research in Lubrication. Pp. 20. (Pittsburgh, Pa.: Gulf Oil Corporation.)

The New Hilger Wavelength Spectrometer with a Complete Range of Co-ordinated Accessories forming Spectrometers, Spectrographs, Monochromators and Spectrophotometers for the Visible, Ultra-Violet and Infra-Red. (Publication No. 241.) Pp. 54. Experiments in Spectroscopy: being Courses of Instruction in Practical Spectroscopy for Students of Chemistry and Physics using the Bariff Wavelength Spectrometer and its Accessories. Compiled by Dr. F. Simeon. Pp. 22. (London: Adam Hilger, Ltd.)

G.E.C. Miniature Measuring Instruments. (M.1 Section.) Pp. 40. G.E.C. Industrial Measuring Instruments, Testing Sets, etc. (M.2 Section.) Pp. 88. (London: The General Electric Co., Ltd.)