

## Forthcoming Events

Tuesday, January 10

PHARMACEUTICAL SOCIETY, at 8.30.—Prof. J. H. Gaddum: "Recent Discoveries about Animal Hormones".

Friday, January 13

PHYSICAL SOCIETY, at 5.15.—Sir Ambrose Fleming, F.R.S.: "Physics and Physicists of the Eighteen-seventies".

## Appointments Vacant

APPLICATIONS are invited for the following appointments, on or before the dates mentioned:

ASSISTANT LECTURER IN ELECTRICAL ENGINEERING in University College, London—The Secretary (January 14).

UNIVERSITY READER IN METEOROLOGY in the Imperial College of Science and Technology—The Academic Registrar, University of London, Senate House, W.C.1 (January 20).

UNIVERSITY READER IN BIOCHEMISTRY in Guy's Hospital Medical School—The Academic Registrar, University of London, Senate House, W.C.1 (February 1).

CHEMIST in the Institute for Medical Research, Federated Malay States—The Director of Recruitment (Colonial Service), 8 Buckingham Gate, London, S.W.1 (February 10).

ASSISTANT PROFESSOR OF PHYSICAL AND GENERAL CHEMISTRY and ASSISTANT PROFESSOR OF MINERAL AND INORGANIC CHEMISTRY in the Indian Institute of Science, Bangalore, India—The Registrar (February 15).

ASSISTANT ADVISORY OFFICER to the Board of Greenkeeping Research—The Director, St. Ives Research Station, Bingley, Yorks.

DIRECTOR OF RESEARCH to the Research Association of British Flour-Millers—The Secretary at 40 Trinity Square, London, E.C.3.

BACTERIOLOGIST in the Research Laboratory of the Royal College of Physicians of Edinburgh—The Secretary, Royal College of Physicians, Edinburgh, 2.

## Reports and other Publications

(not included in the monthly Books Supplement)

### Great Britain and Ireland

Journal of the Electrodepositors' Technical Society. Vol. 14, 1937-38. Pp. viii+252. (London: Electrodepositors' Technical Society. Northampton Polytechnic Institute.) 15s.; to non-Members, 21s. [512]

A Report on the Museum and Art Galleries of the British Isles (other than the National Museums). By S. F. Markham. Pp. iii+179+24 plates. (Dunfermline: Carnegie United Kingdom Trust.) [612]

Museums and the Public. Pp. 14+2 plates. (Dunfermline: Carnegie United Kingdom Trust.) [612]

West Cumberland (with Alston): a Survey of Industrial Facilities. By G. H. J. Daysh. Pp. 176+10 plates. (Whitehaven: Cumberland Development Council, Ltd.) [812]

### Other Countries

Cornell University: Agricultural Experiment Station. Bulletin 697: Some Facts concerning means of Transportation and Methods used in Marketing New York State Fruits and Vegetables. By M. P. Rasmussen. Pp. 113. Bulletin 701: Economic Studies of Vegetable Farming in New York. 4: Production and Marketing of Cauliflower in Delaware County, 1936. By J. N. Efferson. Pp. 45. Bulletin 702: Economic Studies of Vegetable Farming in New York. 5: Production and Marketing of Lettuce in Oswego County, 1936. By J. N. Efferson. Pp. 41. Bulletin 703: Soil and Field-Crop Management for Southwestern New York. By A. F. Gustafson. Pp. 47. Bulletin 704: Types of Farming in New York. By R. S. Beck. Pp. 71. Bulletin 705: Soils in relation to Fruit Growing in New York. Part 12: Tree Behavior on Important Soil Profiles in the Peru, Plattsburg and Crown Point Areas in Clinton and Essex Counties. By Joseph Oskamp. Pp. 27. (Ithaca, N.Y.: Cornell University.) [212]

U.S.A. Department of the Interior: Office of Education. Bulletin, 1937, No. 31: A Survey of Courses of Study and other Curriculum Materials published since 1934. By Bernice E. Leary. Pp. v+185. (Washington, D.C.: Government Printing Office.) 20 cents. [212]

Conseil Permanent International pour l'Exploration de la Mer. Bulletin statistique des pêches maritimes des pays du nord et de l'ouest de l'Europe. Rédigé par Sir D'Arcy Wentworth Thompson. Vol. 26, pour l'année 1936. Pp. xxviii+49. (Copenhagen: Andr. Fred. Høst et fils.) 3.00 kr. [512]

Annual Report of the Public Health Commissioner with the Government of India for 1936. Vol. 1, with Appendices. Pp. vi+353. (Delhi: Manager of Publications.) 2 rupees; 3s. 6d. [512]

Union of South Africa: Department of Mines, Geological Survey. Memoir No. 32: Analyses of Rocks, Minerals, Ores, Coal, Soils and Waters from Southern Africa. Compiled by Dr. A. L. Hall. Pp. 876. (Pretoria: Government Printer.) 15s. [512]

The Ella Sachs Plotz Foundation for the Advancement of Scientific Investigation. Fifteenth Annual Report, 1938. Pp. 6. (Boston, Mass.: Dr. Joseph C. Aub, Secretary, Huntington Memorial Hospital.) [512]

Journal of the Indian Institute of Science. Vol. 21A, Part 27: Hydrogenation of Oils by the Continuous Process. Part 5: Mechanism of Continuous Hydrogenation of Oils. By V. T. Athavale and S. K. K. Jatkar. Pp. 321-330. 14 annas. Vol. 21A, Part 28: Studies in Binary Systems. Part 1: Adsorption from Binary Mixtures of Toluene and Acetic Acid by Charcoal and Silica Gel. By J. G. Kame and S. K. K. Jatkar. Pp. 331-344. 1.2 rupees. Vol. 21A, Part 29: Metal-Metal Oxide Electrodes. Part 1: Studies in Tungsten and Molybdenum Electrodes. By C. T. Abichandani and S. K. K. Jatkar. Pp. 345-362. 1.4 rupees. Vol. 21A, Part 30: Differential Titrations with Tungsten Electrode. By C. T. Abichandani and S. K. K. Jatkar. Pp. 363-368. 10 annas. Vol. 21A, Part 31: Automatic Potentiometric Titration Apparatus. By C. T. Abichandani and S. K. K. Jatkar. Pp. 369-372. 8 annas. (Bangalore: Indian Institute of Science.) [512]

Bulletins of Indian Industrial Research. No. 13: A Study of Indian Mustard and Rape Seeds and their Oils. By D. Y. Athavale, J. A. Hare Duke and P. N. Mathur. Pp. ix+20+8 plates. (Delhi: Manager of Publications.) 14 annas; 1s. 3d. [512]

Southern Rhodesia, Geological Survey Bulletin, No. 33: The Geology of the Country around the Jumbo Mine, Mazoe District. By J. C. Ferguson and the late T. H. Wilson. Pp. iv+137+8 plates. (Salisbury: Government Stationery Office.) 4s. 6d. [612]

National Research Council. Transactions of the American Geophysical Union, Nineteenth Annual Meeting, April 27 to 30, 1938, Washington, D.C.; Regional Meetings, December 28 to 29, 1937, Spokane, Washington, January 7-8, 1938, Davis, California, June 21, 1937, Denver, Colorado (Addendum). Part 1: Reports and Papers, Washington, D.C., General Assembly and Sections of Geodesy, Seismology, Meteorology, Terrestrial Magnetism and Electricity, Oceanography, Volcanology and Hydrology. Pp. 585. Part 2: Reports and Papers, Section of Hydrology and Western Interstate Snow-Survey Conference. Pp. 587-745. (Washington, D.C.: National Academy of Sciences.) [812]

Department of Agriculture, Fiji. Annual Bulletin of Divisional Reports, 1937. Pp. iv+96. (Suva: Government Printer.) 2s. 6d. [812]

Intensity Relations in the Low Voltage Helium Arc. By John Jacob Heilemann. Pp. 10. On the S-States of the Two-Electron Atom. By Fred George Fender. Pp. 16. Growth and Decay of Phosphorescence in Calcium Sulphide by a Photo-electric Method. By Peter John Mulder. Pp. 24. (Philadelphia: University of Pennsylvania.) [812]

Abridged Scientific Publications from the Kodak Research Laboratories. Vol. 19, 1937. Pp. 288+viii. (Rochester, N.Y.: Eastman Kodak Company.) [812]

Advisory Committee on Education. The Federal Government and Education. Pp. 32. (Washington, D.C.: Government Printing Office.) 10 cents. [812]

Brooklyn Botanic Garden Record. Vol. 27, No. 3: Botanic Gardens of the World; Materials for a History. Second edition. Pp. 151-406. (Brooklyn, N.Y.: Brooklyn Institute of Arts and Sciences.) 2.50 dollars. [812]

Proceedings of the California Academy of Sciences, Fourth Series. Vol. 23, No. 23: Studies on the Cladocera of Monterey Bay. By Harriet Marguerite Baker. Pp. 311-365 (plates 26-31). (San Francisco, Calif.: California Academy of Sciences.) [812]

Transactions of San Diego Society of Natural History. Vol. 9, No. 1: An Apparently Unrecognized Race of Redwing from Utah. By Louis B. Bishop. Pp. 4. Vol. 9, No. 2: A New Race of Cliff Swallow from Northwestern Mexico. By A. J. van Rossem and the Marquis Hachisuka. Pp. 5-6. Vol. 9, No. 3: A Dimorphic Subspecies of the Bush-Tit from Northwestern Mexico. By A. J. van Rossem and the Marquis Hachisuka. Pp. 7-8. Vol. 9, No. 4: Descriptions of Three New Birds from Western Mexico. By A. J. van Rossem. Pp. 9-12. Vol. 9, No. 5: A Colorado Desert Race of the Summer Tanager. By A. J. van Rossem. Pp. 13-14. Vol. 9, No. 6: *Megalonyx Milleri*, a New Pleistocene Ground Sloth from Southern California. By Gretchen M. Lyon. Pp. 15-30+1 plate. Vol. 9, No. 7: An Illustrated Note on the Mating and Egg-brooding Habits of the Two-spotted Octopus. By Denis L. Fox. Pp. 31-34+plate 2. Vol. 9, No. 8: A New Form of *Perognathus formosus* from the Mohave Desert Region of California. By Laurence M. Huey. Pp. 35-36. Vol. 9, No. 9: Bees collected on the California Islands in the Spring of 1938. By T. D. A. Cockerell. Pp. 37-38. (San Diego, Calif.: San Diego Society of Natural History.) [812]

### Catalogues, etc.

Dichloro-Indophenol Tablets (2:6-Dichlorophenol-indophenol) for the Estimation of Vitamin C. Pp. 2. (London: The British Drug Houses, Ltd.)

X-Ray Apparatus: Totally Immersed Units. Pp. 16. (London: Cuthbert Andrews.)

Radiography and Clinical Photography. Vol. 2, No. 4. Pp. 61-76. (London: Kodak, Ltd.)

Wirtschaftsgeographie: Produktions-, Konsumtions-, Handels- und Verkehrsgeographie. (Antiquariatskatalog Nr. 726.) Pp. 178. (Leipzig: Gustav Fock, G.m.b.H.)

Catalogue of Important Works on Botany, Zoology, Palaeontology, and a few works on Mineralogy, Astronomy, Mathematics, etc. (No. 212.) Pp. 16. (London: John H. Knowles.)

Marmite (Yeast Extract) in Medicine and Dietetics. New edition. Pp. 24. (London: The Marmite Food Extract Co., Ltd.)

The Metallurgical Progress and Science of Heat Treatment for all Materials. Pp. 8. (Wembley: R. M. Catterson-Smith.)

Mycologia, Pathologia Plantarum. (No. 96.) Pp. 28. (Den Haag: Antiquariaat Junk.)

Diary for 1939. Pp. 32+32+32 maps+Diary. (Bonnybridge: John G. Stein and Co., Ltd.)

Kunst und Kunstgewerbe: Zeitschriften, Sammelwerke, Bücher, Abhandlungen. (Antiquariatskatalog Nr. 727.) Pp. 186. (Leipzig: Gustav Fock, G.m.b.H.)