

## Forthcoming Events

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

### Monday, October 31

UNIVERSITY OF LEEDS, at 5.15.—Prof. D. T. A. Townend : "A New Era in Combustion".\*

ROYAL GEOGRAPHICAL SOCIETY, at 8.30.—H. W. Tilman : "The Mount Everest Expedition of 1938".

### Tuesday, November 1

INSTITUTION OF CIVIL ENGINEERS, at 6.—W. J. E. Binnie : Presidential Address.

### Wednesday, November 2

GEOLOGICAL SOCIETY OF LONDON, at 5.30.—E. J. Wayland : "The Face of Uganda".

### Thursday, November 3

ROYAL COLLEGE OF PHYSICIANS, at 5.—Dr. Lionel Whitby : "The Chemotherapy of Bacterial Infections" (Bradshaw Lecture).

ROYAL SOCIETY OF MEDICINE, at 5.—W. M. Mollison : "Laryngology's Debt to Research" (Semon Lecture).\*

### Friday, November 4

INSTITUTION OF MECHANICAL ENGINEERS, at 6.—Sir Noel Ashbridge : "The Development of Television".

INSTITUTION OF GAS ENGINEERS, November 1-2.—Autumn Research Meeting.

## Appointments Vacant

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

DESIGNER (Ref. A.163.O.) at the Royal Aircraft Establishment, South Farnborough, Hants—The Chief Superintendent (November 5).

LECTURER IN ENGINEERING in the County Technical College, Wednesbury—The Director of Education, County Education Offices, Stafford (November 10).

LECTURER IN MECHANICAL ENGINEERING in King's College, Newcastle-upon-Tyne—The Registrar (November 12).

LECTURER IN GEOLOGY in the Fouad I University, Cairo—The Dean, Faculty of Science, Abbassia, Cairo (November 17).

ASSISTANT NATURALIST FOR FISHERY RESEARCH to the Freshwater Biological Association—The Director, Wray Castle, Ambleside, Westmorland (November 19).

ASSISTANT KEEPER IN THE DEPARTMENT OF ENTOMOLOGY, British Museum (Natural History)—The Secretary (December 1).

HEAD OF THE CHEMICAL DIVISION and a CHEMIST at the Rubber Research Institute of Malaya—The Secretary, London Advisory Committee for Rubber Research (Ceylon and Malaya), Imperial Institute, London, S.W.7 (December 18).

INSPECTOR OF MINES in Cyprus—The Director of Recruitment (Colonial Service), 8 Buckingham Gate, London, S.W.1.

## Reports and other Publications

(not included in the monthly Books Supplement)

### Great Britain and Ireland

Proceedings of the Royal Society of Edinburgh, Session 1937-1938. Vol. 58, Part 2, No. 14 : The Association of Non-homologous Chromosomes in Corixids (Hemiptera—Heteroptera). By Dr. H. D. Slack. Pp. 192-212. 2s. Vol. 58, Part 2, No. 15 : On Rare Defects in Human Populations with Particular Regard to In-breeding and Isolate Effects. By Prof. Gunnar Dahlberg. Pp. 213-232. 1s. 9d. (Edinburgh : Robert Grant and Son, Ltd.; London : Williams and Norgate, Ltd.) [1010]

Mines Department. Seventeenth Annual Report of the Secretary for Mines for the Year ended 31st December 1937, and the Thirtieth Annual Report of H.M. Chief Inspector of Mines for the same Period, with a Statistical Appendix to both Reports. Pp. xx+250. (London : H.M. Stationery Office.) 4s. net. [1010]

Transactions of the Royal Society of Edinburgh. Vol. 59, Part 2, No. 16 : An Investigation of the Mucorales in the Soil. By Dr. Marie E. Campbell. Pp. 411-436+3 plates. 4s. 6d. Vol. 59, Part 2, No. 17 : The Actinopterygian Fishes from the Lower Carboniferous of Glencairholm, Eskdale, Dumfriesshire. By J. A. Moy-Thomas and M. Bradley Dyne. Pp. 437-480+2 plates. 6s. 3d. (Edinburgh : Robert Grant and Son, Ltd.; London : Williams and Norgate, Ltd.) [1010]

Transactions of the Royal Society of Edinburgh. Vol. 59, Part 2, No. 18 : The Food and Feeding of the Brown Trout (*Salmo trutta* L.) in relation to the Organic Environment. By R. M. Neill. Pp. 481-520. 5s. Vol. 59, Part 2, No. 19 : The Female Reproductive System and Corpora Lutea of the False Killer Whale, *Pseudorca crassidens* Owen. By L. C. Comrie and Ann B. Adam. Pp. 521-532. 1s. 9d. (Edinburgh : Robert Grant and Son, Ltd.; London : Williams and Norgate, Ltd.) [1310]

Netherlands and Netherlands Indies Information Bureau. Third Annual Report of the Committee for the year ending 30th April 1938. Pp. 14. (London : Netherlands and Netherlands Information Bureau.) [1410]

Iron and Steel Institute. Special Report No. 23 : Third Report of the Steel Castings Research Committee; being a Report by a Joint Committee of the Iron and Steel Institute and the British Iron and Steel Federation to the Iron and Steel Industrial Research Council. Pp. vii+294+12 plates. (London : Iron and Steel Institute.) [1710]

### Other Countries

National Research Council of Canada. New Hydraulic Laboratories and their Work. By R. Ruedy. Pp. ii+111+18 plates. 1 dollar. Twentieth Annual Report of the National Research Council, 1936-1937. Pp. 182. 75 cents. (Ottawa : National Research Council of Canada.) [1010]

Standards on Electronics, 1938. Pp. vii+59. 50 cents. Standards on Radio Receivers, 1938. Pp. vi+58. 50 cents. (New York : Institute of Radio Engineers, Inc.) [1210]

U.S. Department of Agriculture. Circular No. 485 : *Tetrastichus brevistigma* Gahan, a Pupal Parasite of the Elm Leaf Beetle. By P. A. Berry. Pp. 12. 5 cents. Technical Bulletin No. 618 : Biological Studies on the Leafhopper *Empoasca fabae* as a Bean Pest. By Dwight M. DeLong. Pp. 60. 10 cents. Technical Bulletin No. 623 : Fumigation of Baled Cotton with Hydrocyanic Acid for the Pink Bollworm. By A. C. Johnson, George G. Becker and Lon A. Hawkins. Pp. 46. 10 cents. (Washington, D.C. : Government Printing Office.) [1310]

Zoologica Sinica. Series B : The Vertebrates of China. Vol. 15. Fascicle 1 : The Birds of Hopei Province. By Prof. Tsen-Hwang Shaw. Part 1. Pp. xxxiii+528+13 plates. Part 2. Pp. 529-974+plates 14-25. (Peiping : Fan Memorial Institute of Biology.) [1410]

Icones Plantarum Sincicarum. Edited by Hsen-Hsu Hu and Woon-Young Chun. Fascicle 5. Pp. iv+50+plates 201-250. (Peiping : Fan Memorial Institute of Biology.) [1410]

Carnegie Institution of Washington. Publication No. 490 : Leaf Xanthophylls. By Harold H. Strain. Pp. xi+147. 2 dollars. Publication No. 491 : Fauna of the Caves of Yucatan. By A. S. Pearce, with the collaboration of Nathan Banks, Joseph C. Bequaert, Joseph C. Chamberlin, Ralph V. Chamberlin, B. G. Chitwood, William J. Clench, Edwin P. Creaser, Norma C. Furtos, Helen T. Gaige, Theodore H. Hubbell, Carl L. Hubbs, Libbie H. Hyman, Wilton Ivie, Remington Kellogg, Harlow B. Mills, J. Percy Moore, C. F. W. Muesebeck *et al.*, Grace E. Pickford, Horace W. Stunkard, George W. Wharton, William Morton Wheeler, Charles Branch Wilson, Frederick A. Wolf. Pp. iii+304+8 plates. 3 dollars. Publication No. 497 : Hibernation and Marmot Physiology. By Francis G. Benedict and Robert C. Lee. Pp. x+239. 2 dollars. Publication No. 502 : Modern Maya Houses, a Study of their Archeological Significance. By Robert Wauchope. Pp. vii+181+38 plates. 3 dollars. Publication No. 503 : Vital Energetics, a Study in Comparative Metabolism. By Francis G. Benedict. Pp. vii+215. 2 dollars. (Washington, D.C. : Carnegie Institution.) [1410]

New Zealand : Department of Lands and Survey. Annual Report on Public Domains and National Parks of New Zealand. Pp. 11. (Wellington : Government Printer.) 6d. [1710]

Canada : Department of Mines and Resources : Mines and Geology Branch, Bureau of Geology and Topography. Geological Survey, Memoir 207 : Cranbrook Map-Area, British Columbia. By H. M. A. Rice. (No. 2435.) Pp. v+67. 25 cents. Geological Survey, Memoir 211 : Thetford, Disraeli and Eastern Half of Warwick Map-Areas, Quebec. By H. C. Cooke ; with Chapters on the Beauceville, St. Francis and Lake Aymer Series, by T. H. Clark. (No. 2440.) Pp. vi+160. 50 cents. Geological Survey, Memoir 215 : Fossil Flora of Sydney Coalfield, Nova Scotia. By W. A. Bell. (No. 2439.) Pp. ii+334. 75 cents. Geological Survey, Memoir 218 : Mining Industry of Yukon, 1937. By H. S. Bostock. (No. 2450.) Pp. ii+21. 10 cents. (Ottawa : King's Printer.) [1710]

Bernice P. Bishop Museum. Special Publication 29 : Canoes of Oceania. Vol. 3 : Definition of Terms, General Survey and Conclusions. By A. C. Haddon and James Hornell. Pp. 88. (Honolulu : Bernice P. Bishop Museum.) [1710]

### Catalogues, etc.

English Science and Medicine. (List 29.) Pp. 52. (London : E. P. Goldschmidt and Co., Ltd.)

Evertebrata. (No. 95.) Pp. 83. (Den Haag : Antiquariaat Junk.)

The Sea and its Story. (Catalogue No. 630.) Pp. 82. (London : Francis Edwards, Ltd.)

The Wild-Barfield Heat-Treatment Journal. Vol. 3, No. 18, September 1938. Pp. 14-25+vi. (London : Wild-Barfield Electric Furnaces, Ltd.)