

Forthcoming Events

BRITISH ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE
(BLACKPOOL MEETING).

Wednesday, September 9

At 8.30 p.m.—Sir Josiah Stamp, G.C.B., G.B.E.: "The Impact of Science upon Society" (Presidential Address in the Empress Ballroom, Winter Gardens).

Thursday, September 10

At 10 a.m.—Prof. J. C. Philip, F.R.S.: "The Training of the Chemist for the Service of the Community" (Presidential Address to Section B, followed by a discussion).

Dr. J. S. Huxley: "Natural Selection and Evolutionary Progress" (Presidential Address to Section D).

Brigadier H. S. L. Winterbotham: "The Mapping of the Colonial Empire" (Presidential Address to Section E).

Prof. W. Cramp: "The Engineer and the Nation" (Presidential Address to Section G).

Miss D. A. E. Garrod: "The Upper Palæolithic in the Light of Recent Discovery" (Presidential Address to Section H).

Mr. J. Ramsbottom: "The Uses of Fungi" (Presidential Address to Section K).

Sir Richard Gregory, Bt., F.R.S., Prof. L. Hogben, F.R.S., S. R. Humby, S. V. Brown, Sir Daniel Hall, F.R.S.: "Cultural and Social Values of Science" (Discussion: Section L).

Sir John Orr, F.R.S., Sir Daniel Hall, F.R.S., Prof. J. A. S. Watson, Prof. H. D. Kay: "National Nutrition and British Agriculture" (Discussion: Section M).

At 2 p.m.—Conference of Delegates of Corresponding Societies. Dr. A. B. Rendle, F.R.S.: "Preservation of Native Floras" (Presidential Address).

At 4.30 p.m.—Exhibition of new Biological Films.

At 7.30 p.m.—Dr. Olaf Bloch: "The Scope of Photography" (Public Lecture at Lytham St. Annes).

Friday, September 11

At 10 a.m.—Prof. A. Ferguson: "Trends in Modern Physics" (Presidential Address to Section A).

Dr. C. R. Fay: "Plantation Economy" (Presidential Address to Section F).

Prof. R. J. S. McDowall: "The Control of the Circulation of the Blood" (Presidential Address to Section I).

A. W. Wolters: "Patterns of Experience" (Presidential Address to Section J).

Sir Richard Livingstone: "The Future of Education" (Presidential Address to Section L).

Denys W. Harding, F. C. Thomas, Rev. F. A. Farley: "The Psychology of Mass Entertainment" (Discussion: Section J).

At 2.15 p.m.—Prof. H. J. Fleure, F.R.S., Dr. J. S. Huxley, Dr. G. M. Morant, Prof. A. M. Carr-Saunders, Prof. R. Ruggles Gates, F.R.S., Prof. F. A. E. Crew: "Genetics and Race" (Discussion: Sections D and H).

At 7.30 p.m.—Dr. W. F. Bewley: "Science and the Glass-house Industry" (Public Lecture at Blackpool South).

At 8 p.m.—Prof. J. L. Myres: "Who were the Greeks?" (Public Lecture at Preston).

Sir James Jeans, F.R.S.: "Some Recent Advances in Astronomy" (Public Lecture at Southport).

At 8.15 p.m.—C. C. Paterson: "Science and Electric Lighting" (Evening Discourse).

Official Publications Received

Great Britain and Ireland

Air Ministry: Aeronautical Research Committee: Reports and Memoranda. No. 1685 (2038a): Effect of Variation of Aileron Inertia and Damping on Flexural-Aileron Flutter of a Typical Cantilever Wing. By V. M. Falkern. Pp. 12+6 plates. 1s. net. No. 1693 (2237): Air and Vapour Locks in Fuel Systems. By M. A. A. Allfrey. Pp. 14+9 plates. 1s. 3d. net. (London: H.M. Stationery Office.) [108]

Imperial Economic Committee. An Index of the Minor Forest Products of the British Empire. Pp. 116. (London: H.M. Stationery Office.) 5s. net. [118]

Proceedings of the Royal Society of Edinburgh, Session 1935-1936. Vol. 56, Part 2, No. 7: Fossil Pollen in Scottish Tertiary Coals. By Dr. J. B. Simpson. Pp. 90-108+3 plates. 2s. 6d. Vol. 56, Part 2, No. 8: On the Suppression of Tangled in *Drosophila pseudo-obscura*. By H. P. Donald. Pp. 109-127+2 plates. 2s. (Edinburgh: Robert Grant and Son, Ltd.; London: Williams and Norgate, Ltd.) [128]

The North of Scotland College of Agriculture. Calendar, Session 1936-1937. Pp. viii+131. (Aberdeen: North of Scotland College of Agriculture.) [128]

Other Countries

Conseil Permanent International pour l'Exploration de la Mer. Rapports et procès-verbaux des réunions. Vol. 100. 1ère partie: Procès-verbaux (mai 1936). Pp. 62. 3.00 kr. 2ème partie: Rapport administratif (1935-1936); 3ème partie: Appendices. Pp. 111+25. 4.00 kr. (Copenhagen: Andr. Fred. Høst et fils.) [118]

Cornell University: Agricultural Experiment Station. Bulletin 640: An Economic Study of Land Utilization in Chemung County, New York. By T. E. LaMont. Pp. 84. Bulletin 641: Seasonal Costs and Returns in producing Milk in Orange County, New York. By L. C. Cunningham. Pp. 41. Memoir 183: Measurements of Family Relationships in Farm Families of Central New York. By Howard W. Beers. Pp. 38. Memoir 184: Pollination and Life-History Studies of the Tomato (*Lycopersicon esculentum* Mill.). By Ora Smith. Pp. 16+23 plates. Memoir 185: Effect of Narrow Ranges of Wave-Lengths of Radiant Energy and other Factors on the Reproductive Growth of Long-Day and Short-Day Plants. By N. A. Schappelle. Pp. 33. Memoir 186: Effects of some Environmental Factors on Growth and Color of Carrots. By W. C. Barnes. Pp. 36. (Ithaca, N.Y.: Cornell University.) [178]

Annual Report on the Departments of Agriculture, Malaya, for the Year 1935. By Dr. H. A. Tempany. Pp. iv+84. (Kuala Lumpur: Government Printer.) 50 cents; 1s. 2d. [178]

Smithsonian Institution: Bureau of American Ethnology. Bulletin 113: The Troyville Mounds, Catahoula Parish, La. By Winslow M. Walker. Pp. vii+73+16 plates. (Washington, D.C.: Government Printing Office.) 20 cents. [178]

U.S. Department of the Interior: Office of Education. Vocational Education Bulletin No. 106 (Trade and Industrial Series, No. 30): Stone Setting; the Setting of Cut-Stone Trim in Brick Buildings. Revised 1935. Pp. ix+226. (Washington, D.C.: Government Printing Office.) 20 cents. [178]

Indian Forest Records (New Series). Vol. 1, No. 13: Entomological Investigations on the Spike Disease of Sandal. (27) Chrysomelidae (Col.). By N. C. Chatterjee and G. D. Bhasin. Pp. iv+243-318. 1.14 rupees; 3s. 3d. Vol. 2, No. 5: New Indian Tingitidae (Hemiptera). By C. J. Drake and M. E. Poor. Pp. 141-149. 5 annas; 6d. (Delhi: Manager of Publications.) [178]

Tokyo University of Literature and Science. Divisional Reports on Present Tendencies in the Development of Mathematical Teaching in Japan. Prepared by the Japanese National Commission on the Teaching of Mathematics. Pp. 174. 3.50 yen. Summary Report on Present Tendencies in the Development of Mathematical Teaching in Japan. By M. Kuniyeda. Pp. 50. 1.00 yen. (Tokyo: Maruzen Co., Ltd.) [178]

Commonwealth of Australia: Council for Scientific and Industrial Research. Bulletin No. 101 (Radio Research Board, Report No. 11): The Temperatures and Constituents of the Upper Atmosphere. By Dr. D. F. Martyn and Dr. O. O. Pulley. Pp. 31. (Melbourne: Government Printer.) [178]

Royal Agricultural Society. Summarised translation of Bulletin No. 19, Chemical Section: The Importance of Phosphoric Acid Supply for Egyptian Crops as illustrated by the Results of the Bahtim Permanent Experiments and Others. By Ahmed Mahmoud. Pp. 86. Bulletin No. 23: The Influence of Size and Weight of Seed upon the Course of Subsequent Growth and upon Yield of Wheat. By Dr. M. A. Fikry. Pp. 54+27 plates. (Cairo: Royal Agricultural Society.) [178]

Sveriges Geologiska Undersökning. Ser. C, No. 393: Den marina skalbärande faunan och de seneglaciala nivåförändringarna, med särskild hänsyn till den gotländska avsmältningssonen i Halland. Av Bror Asklund. Pp. 103+2 plates. 2.50 kr. Ser. C, No. 394: Paradoxis ölandicus Beds of Öland, with the Account of a Diamond Boring through the Cambrian at Mossberga. By A. H. Westergård. Pp. 66+12 plates. 3.00 kr. Ser. C, No. 395: Zur Kenntnis der Jämtländischen Ogygiscarisschiefer-Fauna. Von Bror Asklund. Pp. 12+2 plates. 1.00 kr. Ser. C, No. 396: Foraminiferen aus dem schwedischen untersten Senon von Eriksdal in Schonen. Von Fritz Brotzen. Pp. 206+14 plates. 4.00 kr. Ser. C, No. 397: Sjöarnas Transparens, färg och areal. Av G. Lundquist. Pp. 28. 0.50 kr. Ser. C, No. 398: Siljansområdets brännkalkstenar och kalkindustri. Av Per Thorslund. Pp. 64+3 plates. 3.00 kr. Ser. C, No. 399: Die Entstehungsbedingungen der hydratischen Verbindungen im System CaO-Al₂O₃-H₂O (Flüssig) und die Hydratisierung der Anhydrokalkziumaluminat. Von Gunnar Assarsson. Pp. 202. 4.00 kr. Ser. C, No. 400: Die Fauna in einem Geschiebe aus der Trinucleusstufe in Jämtland. Von Bror Asklund. Pp. 6+2 plates. 1.00 kr. Ser. C, No. 402: Frösöns submoräna avlagringar: Preliminär meddelande. Av Bror Asklund. Pp. 8. 0.50 kr. (Stockholm: P. A. Norstedt & Söner.) [178]

Ministry of Public Works, Egypt: Physical Department. Helwan Observatory Bulletin No. 39: Arabic Names of Stars. By A. H. M. Samaha. Pp. 37. (Cairo: Government Press.) 5 P.T. [198]