

Forthcoming Events

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

Sunday, April 8

BRITISH MUSEUM (NATURAL HISTORY), at 3 and 4.30 :
Capt. Guy Dollman : "The Evolution of the Horse".*

Monday, April 9

VICTORIA INSTITUTE, at 4.30.—Mrs. A. S. D. Maunder :
"Early Hindu Astronomy".

ROYAL GEOGRAPHICAL SOCIETY, at 5.—Capt. M. Hotine :
"The East African Arc of Meridian".

Friday, April 13

ROYAL SOCIETY OF ARTS, at 4.30.—J. H. Field : "Indian
Meteorology".

INTERNATIONAL RADIO CONGRESS, April 10–15.—To be
held at Warsaw.

FARADAY SOCIETY, April 12–14.—General discussion on
"The Determination and Interpretation of Dipole
Moments", to be held at Exeter College, Oxford.

GEOGRAPHICAL ASSOCIATION, April 13–14.—Spring Con-
ference to be held at Glasgow.

Official Publications Received

GREAT BRITAIN AND IRELAND

Ministry of Agriculture and Fisheries. Collected Leaflets, No. 2 :
Insect Pests of Fruit Trees. Pp. iv+104. (London : H. M. Stationery
Office.) 1s. 6d. net.

Memoirs of the Cotton Research Station, Trinidad. Series B :
Physiology, No. 5 : Further Studies on Transport in the Cotton Plant.
1 : Preliminary Observations on the Transport of Phosphorus, Potas-
sium and Calcium ; 2 : An Ontogenetic Study of Concentrations and
Vertical Gradients. By T. G. Mason and E. J. Maskell. Pp. 125-
173+119-141. (London : Empire Cotton Growing Corporation.)
2s. 6d.

Reports of the Progress of Applied Chemistry. Vol. 18, 1933.
Pp. 770. (London : Society of Chemical Industry.) 12s. 6d. ; to
Members. 7s. 6d.

Subject Index to the Geological Literature added to the Geological
Society's Library during the Years ended December 31st, 1923 and
1924. Pp. 144. (London : Geological Society.) 5s.

The Generic Names of British Insects. Prepared by the Committee
on Generic Nomenclature of the Royal Entomological Society of
London, with the Assistance of the Department of Entomology of the
British Museum (Natural History). Part 2 : The Generic Names of
the British Rhopalocera, with a Check List of the Species. Pp. ii+
9-40. (London : Royal Entomological Society.) 3s. 6d.

Department of Scientific and Industrial Research. Deterioration
of Structures of Timber, Metal and Concrete exposed to the Action of
Sea-Water. Fourteenth (Interim) Report of the Committee of the
Institution of Civil Engineers. Edited by John Purser and H. J. Grose.
Pp. iv+56+19 plates. (London : H. M. Stationery Office.) 1s. 6d. net.

Observations made at the Royal Observatory, Greenwich, in the
Year 1932, in Astronomy, Magnetism and Meteorology, under the
direction of Sir Frank Dyson. Pp. vii+A62+B7+Cix+C59+D64+
E46+18. (London : H. M. Stationery Office.) 27s. 6d. net.

Proceedings of the Royal Society of Edinburgh, Session 1933-1934.
Vol. 54, Part 1, No. 3 : The Cruciform Muscle of Lamellibranchs. By
Alastair Graham. Pp. 17-30. 1s. 3d. Transactions of the Royal
Society of Edinburgh. Vol. 57, Part 3, No. 32 : Studies on the
Scottish Marine Fauna ; Quantitative Distribution of the Echinoderms
and the Natural Faunistic Divisions of the North Sea. By A. C.
Stephens. Pp. 777-787. 1s. 6d. Vol. 77, Part 3, No. 33 : The Sequence
of Floras in the Upper Carboniferous, with Special Reference to South
Wales. By Dr. Emily Dix. Pp. 789-833. 7s. (Edinburgh : Robert
Grant and Son ; London : Williams and Norgate, Ltd.)

Proceedings of the Royal Society of Edinburgh, Session 1933-1934.
Vol. 54, Part 1, No. 4 : The Developmental Stages of *Euchaeta norvegica*,
Boeck. By Dr. A. G. Nicholls. Pp. 31-50. 1s. 9d. Vol. 54, Part 1,
No. 5 : The Weight and Chemical Composition of *Euchaeta norvegica*,
Boeck. By A. P. Orr. Pp. 51-55. 6d. Vol. 54, Part 1, No. 6 :
Studies on the Reproductive System in the Guinea-Pig ; Observations
on the Ovaries, with Special Reference to the Corpus Luteum. By
Thomas Nicol. Pp. 56-66. 1s. Transactions of the Royal Society of
Edinburgh. Vol. 57, Part 2, No. 18 : A Study of the Foliar Endo-
derms in the Plantaginaceae. By George Trapp. Pp. 523-546. 3s.
(Edinburgh : Robert Grant and Son ; London : Williams and
Norgate, Ltd.)

Wool Industries Research Association. Report of the Council,
1933-34. Pp. 35. Scientific Research applied to the Wool Industries.
Pp. 23. (Leeds.)

Education in Kent during the Five Years 1928-1933. Pp. iv+225+
19 plates. (Maidstone : Kent Education Committee.)

OTHER COUNTRIES

Det Kongelige Departement for Handel, Sjøfart, Industri, Hånd-
verk og Fiskeri : Norges Svalbard- og Ishavsundersøkelser : Skrifter
om Svalbard og Ishavet. Nr. 57 : Geology of the King's Bay Region,
Spitsbergen, with Special Reference to the Coal Deposits. By Anders
K. Orvin. Pp. ii+195+7 plates. 20.00 kr. Nr. 60 : Late-Quaternary
Oscillations of Level in South-east Greenland. By Thoralf Vogt.
Pp. 44. 5.00 kr. Nr. 61 : Zoological Results of the Norwegian
Scientific Expeditions to East Greenland, 3 : i. Report on the Sponges
of the Norwegian Expeditions to East Greenland (1930, 1931 and 1932),
by Maurice Burton ; ii. Die Cumaceen der Norwegischen Expeditionen
nach Ost-Grönland, 1929, 1930, 1931 und 1932, von C. Zimmer. Pp. 40.
2.50 kr. (Oslo : Jacob Dybwad.)

Nigeria. Tenth Annual Bulletin of the Agricultural Department,
1st August, 1931. Pp. ii+223+2 plates. (Lagos : Government
Printer ; London : Crown Agents for the Colonies.) 5s.

U.S. Department of Agriculture. Technical Bulletin No. 401 :
Descriptions of some Native Trypetid Flies, with Notes on their
Habits. By Foster H. Benjamin. Pp. 96. (Washington, D.C. :
Government Printing Office.) 10 cents.

Occasional Publications of the American Association for the
Advancement of Science. No. 1 : The Protection by Patents of
Scientific Discoveries ; Report of the Committee on Patents, Copy-
rights and Trade Marks. Pp. 40. (New York : The Science Press.)
50 cents.

Proceedings of the American Academy of Arts and Sciences.
Vol. 69, No. 1 : The Psammocharidae of the Philippines. By Nathan
Banks. Pp. 117. 1.60 dollars. Vol. 69, No. 2 : The Rotation of
Cobalt and Nickel by Magnetization and the Gyromagnetic Ratios
of their Magnetic Elements. By S. J. Barnett. Pp. 119-135. 45
cents. Vol. 69, No. 3 : The Vapor Pressure of Water, Part 2 : Steam
Research Program. By Leighton B. Smith, Frederick G. Keyes and
Harold T. Gerry. Pp. 137-168. 65 cents. Vol. 69, No. 4 : The
Synthesis of Ammonia in the Electrodeless Discharge. By Walter
C. Schumb and Louis Goldman. Pp. 169-188. 45 cents. (Boston, Mass.)

Papers from Tortugas Laboratory of the Carnegie Institution of
Washington. Vol. 28. (Publication No. 435.) Pp. iii+361+51
plates. (Washington, D.C. : Carnegie Institution.)

The Indian Forest Records. Vol. 19, Part 5 : Entomological
Investigations on the Spike Disease of Sandal. 15 : Cicindellidae
(Col.) and Supplementary Data on Neuroptera and Elateridae (Col.).
By N. C. Chatterjee. Pp. ii+12. 5 annas. 6d. Vol. 19, Part 7 :
Entomological Investigations on the Spike Disease of Sandal. 17 :
Coccinellidae (Col.). Supplementary Data. By N. C. Chatterjee and
M. Bose. Pp. ii+10. 5 annas ; 6d. (Delhi : Manager of Publications.)

Havsforskningsinstituttets Skrift. No. 87 : Oversikt av isarna
vintren 1932-33. Av Gunnar Granquist. Pp. 42. 30 F.m.k. No. 88 :
Regelmässige Beobachtungen vom Temperatur und Salzgehalt des
Meeres Juli 1913-Juni 1932. Herausgegeben von Gunnar Granquist.
Pp. 44. 25 F.m.k. No. 89 : The Thalassological Summer Cruise in
1932. By Gunnar Granquist. Pp. 16. 12 F.m.k. No. 90 : The
Thalassological Summer Cruise in 1933. By Gunnar Granquist. Pp.
16. 12 F.m.k. No. 91 : Havsforskningsinstituttets verksamhet under
år 1932. Redogörelse avgiven av Gunnar Granquist. Pp. 14. No. 92 :
Regular Observations of Temperature and Salinity in the Seas around
Finland, July 1932-June 1933. By Gunnar Granquist. Pp. 45. No.
93 : Vedenkorkeusarvoja 1931 ja 1932. Av S. E. Stenij. Pp. 88.
(Helsingfors.)

Report of the Aeronautical Research Institute, Tōkyō Imperial
University. No. 102 : On the Relation between the Temperature
Coefficient of Viscosity and the Association of High-molecular Liquids.
By Bunnosuke Yamaguchi. Pp. 229-254. 20 sen. No. 103 : On the
Electrical Method of measuring Small Vibrations, and its Application
to the Measurement of Vibrations of Aircraft Blades. By Jūichi
Ogata, Sakae Morita and Yachi Yoshida. Pp. 255-270. 15 sen.
(Tōkyō : Koseikai Publishing House.)

Journal of the Faculty of Agriculture, Hokkaido Imperial Univer-
sity. Vol. 32, Part 6 : Revision der japanischen Scolliden mit
Beschreibung der neuen Arten und Formen. Von Toichi Uchida.
Pp. 229-262+2 plates. (Tokyo : Maruzen Co., Ltd.)

Journal of the College of Agriculture, Tokyo Imperial University.
Vol. 12, No. 2 : Genetical Studies on *Seamum indicum* L. By
Sigeroku Nohara. Pp. 227-386+10 plates. (Tokyo : Maruzen Co.,
Ltd.) 3.00 yen.

Indian Central Cotton Committee : Technological Laboratory.
Technological Bulletin, Series B, No. 18 : A Note on the Wax Content
of Indian Cottons, with Special Reference to their Feel. By Dr. N.
Ahmad and D. L. Sen. Pp. ii+6. (Bombay.) 8 annas.

Colony of Mauritius. Third Annual Report of the Sugarcane
Research Station, Department of Agriculture, Mauritius, 1932. Pp. 62.
(Port Louis : Government Printer.)

The Indian Forest Records. Vol. 19, Part 4 : Entomological
Investigations on the Spike Disease of Sandal, 14 : Jassidae (Homopt.).
By Dr. Hem Singh Pruthi. Pp. ii+30+1 plate. 1 rupee ; 1s. 9d.
Vol. 19, Part 6 : Entomological Investigations on the Spike Disease
of Sandal, 16 : Coccinellidae (Col.). By R. Korschefsky. Pp. ii+9+
1 plate. (Delhi : Manager of Publications.)

Conseil Permanent International pour l'Exploration de la Mer.
Rapports et procès-verbaux des réunions. Vol. 86 : Scientific Report
of the North-Western Committee for 1930-1932. Published by Dr.
Å. Vedel Tåning. Pp. 3+6+11+14+13+14+5. 3.00 kr. Vol. 87 :
Rapport atlantique 1932. (Travaux du Comité du Plateau continental
atlantique.) Publié avec l'aide de Dr. Ed. Le Danois et Rafael De
Buen. Pp. 64. 2.75 kr. Faune ichthyologique de l'atlantique nord.
Publiée sous la direction de Prof. Joubin. No. 14. 24 plates with
text. 4.00 kr. (Copenhague : Andr. Fred. Høst et fils.)

Journal of the Faculty of Agriculture, Hokkaido Imperial Univer-
sity. Vol. 34, Part 2 : Beitrag zur Kenntnis der Cerambyciden des
japanischen Reichs. Von Masaki Matsushita. Pp. 157-446+x+5
plates. (Tokyo : Maruzen Co., Ltd.)

Ibero-Americana 5 : The Distribution of Aboriginal Tribes and
Languages in Northwestern Mexico. By Carl Sauer. Pp. vi+94.
(Berkeley, Calif. : University of California Press ; London : Cambridge
University Press.)