

confirmed by the results recently obtained for glycylglycine.—C. Jucci and C. Manunta: The colouring matter of the silkworm cocoons of the Japanese green race. This pigment, for which the name bombiclorin is proposed, dissolves very readily in water and only sparingly in alcohol, and forms yellow salts with alkalis.—M. Anelli: Folding of Pleiocene soils in the Reggian Apennines.—R. Pampanini: Plants collected in Libya by the Desio mission (1931).

Forthcoming Events

Societies

THURSDAY, SEPT. 22

OPTICAL SOCIETY.—Special General Meeting at the Imperial College of Science and Technology, at 5.30 P.M.

Congresses

SEPT. 19-24

BRITISH MYCOLOGICAL SOCIETY.—Annual General Meeting at the Haslemere Educational Museum, Surrey.

Wednesday, Sept. 21.—Miss G. Lister: "Field Notes on Mycetozoa" (Presidential Address).

SEPT. 21-23

FARADAY SOCIETY.—Second Colloid Meeting at Manchester. Discussion on the "Colloidal Aspects of Textile Materials and Related Topics".

SEPT. 23-26

ASSOCIATION OF SPECIAL LIBRARIES AND INFORMATION BUREAUX.—Ninth Annual Conference at Somerville College, Oxford.

Friday, Sept. 23.—Sir Charles Sherrington (Presidential Address).

Prof. J. L. Myers: "The Relationship between Science and the Humanities".

Saturday, Sept. 24.—Dr. S. C. Bradford and Prof. A. F. C. Pollard: "Classified Subject Indexes to Periodical Volumes".

Prof. M. Greenwood: "History and Sources of Official Vital Statistics".

Official Publications Received

BRITISH

Transactions of the Royal Society of Edinburgh. Vol. 57, Part 1, No. 9: Notes on Lower Old Red Sandstone Plants from Callander, Perthshire. By S. M. K. Henderson. Pp. 277-285+1 plate. 1s. 6d. Vol. 57, Part 1, No. 10: On the Structure and Function of the Alimentary Canal of the Limpet. By Alastair Graham. Pp. 287-303. 2s. 9d. (Edinburgh: Robert Grant and Son; London: Williams and Norgate, Ltd.)

Air Ministry: Aeronautical Research Committee: Reports and Memoranda. No. 1450: Reports and Memoranda published between 1st January 1931 and 1st April 1932. Pp. 8. (London: H.M. Stationery Office.) 6d. net.

Records of the Geological Survey of India. Vol. 65, Part 4. Pp. 445-541+iv+plates 19-29. (Calcutta: Government of India Central Publication Branch.) 2.12 rupees; 5s.

Commonwealth of Australia: Council for Scientific and Industrial Research. Pamphlet No. 27: Zebu (Brahman) Cross Cattle and their Possibilities in North Australia. By R. B. Kelley. Pp. 64. Pamphlet No. 28: The Pig Industry; Report on Conditions in Great Britain and America, with Suggestions Applicable to Australia. By R. B. Kelley. Pp. 44. (Melbourne: H. J. Green.)

Memoirs of the Geological Survey of India. Paleontologia Indica, New Series, Vol. 20, Memoir No. 2: *Homoxyloites rajmahalense*, Gen. et sp. nov., a Fossil Angiospermous Wood, devoid of Vessels, from the Rajmahal Hills, Bihar. By Prof. B. SahnI. Pp. iv+19+2 plates. (Calcutta: Government of India Central Publication Branch.) 1.12 rupees; 3s.

The Geology of the Baria State (Revakantha Agency). By R. Rama Rao. Pp. x+152+20 plates. (Devgad Baria: Secretariat Office.) 5 rupees.

Department of Scientific and Industrial Research. Report of the Food Investigation Board for the Year 1931. Pp. x+293+9 plates. (London: H.M. Stationery Office.) 5s. net.

Report of the Advisory Council of the Science Museum for the Year 1931. Pp. 40. (London: H.M. Stationery Office.) 9d. net.

Proceedings of the Royal Society. Series A, Vol. 137, No. A332, August 2. Pp. 243-480. (London: Harrison and Sons, Ltd.) 12s.

Empire Fibres for Marine Cordage: Sisal Hemp and New Zealand Hemp. Rope Tests (Fourth Series): Report of Investigations conducted by the Imperial Institute. Pp. 8. (London: Imperial Institute.) 6d.

The Indian Lac Research Institute. Bulletin No. 5: Humidity and Storage of Button Lac. By Dr. R. W. Aldis. Pp. 4. 8 annas. Bulletin No. 6: The Effects of Temperature and Humidity on Oviposition, Incubation and Emergence in the Lac Insect, *Laccifer (Tacharidius) taaca*, Kerr. (Coccidae), and on the Resulting Lac Crop. By P. M. Glover, P. S. Negi, M. P. Misra and S. N. Gupta. Pp. 18. 1.4 rupees. Bulletin No. 7: Orpiment and the Iodine Value of Shellac. By M. Rangaswami and Dr. R. W. Aldis. Pp. 4. 8 annas. Bulletin No. 8: The Iodine Value of Shellac. By Dr. R. W. Aldis. Pp. 6. 8 annas. Bulletin No. 9: Comparative Study of Lac Hosts with Special Reference to *Acacia Catechu* and *Cassia florida*. By A. K. Thakur. Pp. 8. 8 annas. A Report on the State of Lac Cultivation and General Condition of the Lac Industry in Burma, 1931; with Appendices. By Dorothy Norris. Pp. 26. 8 annas. (Nankun, Ranchi.)

The Scientific Proceedings of the Royal Dublin Society. Vol. 20 (N.S.), Nos. 23 and 24: A Method for Automatically Recording the Oxygen Intake of Living Tissues, by Dr. T. A. Bennet-Clark; The Respiratory Quotients of Succulent Plants, by Dr. T. A. Bennet-Clark. Pp. 281-299. (Dublin: Hodges, Figgis and Co.; London: Williams and Norgate, Ltd.) 1s. 6d.

Transactions of the Royal Society of Edinburgh. Vol. 57, Part 2, No. 11: Studies in the Physiology of the Virus Diseases of the Potato; a Comparison of the Carbohydrate Metabolism of Normal with that of Leaf-Roll Potatoes. By Eustace Barton-Wright and Alan M'Bain. Pp. 309-349. (Edinburgh: Robert Grant and Son; London: Williams and Norgate, Ltd.) 5s.

Department of Scientific and Industrial Research. Third and Final Report of the Adhesives Research Committee. Pp. v+109+7 plates. (London: H.M. Stationery Office.) 2s. 6d. net.

FOREIGN

Malayan Forest Records. No. 10: Dipterocarpaceae of the Malay Peninsula. By F. W. Foxworthy. Pp. 289+24 plates. (Kuala Lumpur: Forest Department.) 3.50 dollars; 8s. 6d.

Agricultural Experiment Station: Michigan State College of Agriculture and Applied Science. Circular Bulletin No. 142: Common Diseases of Cereals in Michigan. By J. H. Muncie. Pp. 54. Special Bulletin No. 220: Comparisons of Methods of making Spray Applications. By H. A. Cardinell and H. P. Gaston. Pp. 25. Special Bulletin No. 222: Garden Roses. By C. E. Wildon. Pp. 47. Special Bulletin No. 224: Marl, its Formation, Excavation and Use. By S. G. Bergquist, H. H. Musselman and C. E. Millar. Pp. 34. Special Bulletin No. 225: Spinach Varieties. By Harm Drewes. Pp. 48. Technical Bulletin No. 121: Fermentation Studies with Soft Wheat Flours. By O. P. Wilsie, C. S. Robinson and O. B. Winter. Pp. 39. (East Lansing.)

U.S. Department of the Interior: Office of Education. Bulletin, 1931, No. 12: Research in Higher Education; Papers prepared for the First Regional Conference on Higher Education held under the joint auspices of the United States Office of Education and the University of Oregon, at Eugene, Oreg., April 14, 15 and 16, 1931. Pp. vi+133. Bulletin, 1932, No. 8: Safety Education; Helps for Schools in Constructing a Course of Study. By Florence C. Fox. Pp. iii+73. (Washington, D.C.: Government Printing Office.)

Publications of the Observatory of the University of Michigan. Vol. 4, No. 7: Atmospheric Pulsation in *Eta Aquilae*, Preliminary Results. By W. Carl Rufus. Pp. 101-108. Vol. 4, No. 8: Motions in the Atmosphere of *Eta Aquilae*. By David W. Lee. Pp. 109-128. Vol. 4, No. 9: The Light Curve of R Scuti, 1911-1931. By Ralph H. Curtiss. Pp. 129-138. Vol. 4, No. 10: The Light Variations of R Scuti from 1911 to 1931. By Dean B. McLaughlin. Pp. 135-149. Vol. 4, No. 11: Motions in the Atmosphere of *Zeta Geminorum*, Preliminary Results. By W. Carl Rufus. Pp. 151-162. (Ann Arbor.)

New York Zoological Society. Report of the Director of the Aquarium. Pp. 17. (New York City.)

Bernice P. Bishop Museum. Bulletin 92: Ethnology of the Tongareva. By Te Rangī Hiroa (P. H. Buck). Pp. iv+225+8 plates. Bulletin 93: Pteridophytes of the Society Islands. By Edwin Bingham Copeland. Pp. 86+16 plates. Bulletin 94: Report of the Director for 1931. By Herbert E. Gregory. Pp. 64. Occasional Papers, Vol. 9, No. 18: Fishes obtained at Samoa in 1929. By Henry W. Fowler. Pp. 16. Occasional Papers, Vol. 9, No. 19: Notes on Pritchardia. By Harold St. John. Pp. 5. (Honolulu.)

Norges Svalbard- og Ishavs-Undersøkelser: Skrifter om Svalbard og Ishavet. Nr. 87: Fazielle Verhältnisse des Mesozoikums im Eisfjordgebiet Spitzbergens; ein Beitrag zur Entwicklungsgeschichte des Skandika. Von Hans Frebold. Teil I. Pp. 94+6 Tafeln. 8.75 kr. Nr. 89: Flowering Plants of Franz Josef Land collected on the Norwegian Scientific Expedition 1930. By Olaf Hansson and Johannes Lid. Pp. 42. 3.50 kr. Nr. 41: Lichens from North East Greenland collected on the Norwegian Scientific Expeditions in 1929 and 1930. By B. Lyngø and P. F. Scholander. Pp. 116+7 plates. 9.50 kr. Nr. 42: Beitrag zur Kenntnis der devonischen Fischfauna Ost-Grönlands. Von Anatol Heintz. Pp. 27+6 Tafeln. Nr. 43-46: Some Vascular Plants from South East Greenland collected on the Heimen Expedition in 1931, Preliminary Report, by Bjørn Bjørlykke; Vascular Plants from South East Greenland collected on the Sigahorn Expedition in 1931, by Johannes Lid; Lichens from South East Greenland collected in 1931 on Norwegian Expeditions, by B. Lyngø; Beiträge zur Hieraciumflora Ost-Grönlands, von S. O. F. Omang. Pp. 8+12+15+5. 4.00 kr. Nr. 47: A Revision of the Genus *Rhizocarpon* (Ram.) Th. Fr. in Greenland. By B. Lyngø. Pp. 80. 2.00 kr. Nr. 48: Vascular Plants from Erik Raude's Land. By Jakob Vaag. Pp. 87+3 plates. 7.00 kr. Nr. 50: Détermination astronomique de Mygg-Bukta au Groenland Oriental. Par Hans S. Jelstrup. Pp. 44. 8.75 kr. (Oslo: Jacob Dybwad.)

Ministry of Agriculture, Egypt: Technical and Scientific Service. Bulletin No. 106: Cercospora Disease of *Calotropis procera*. By Dr. R. M. Nattaras. Pp. 6+7 plates. (Cairo: Government Press.) 3 P.T.

CATALOGUES

The B.D.H. Book of A.R. Standards. Second and revised edition. Pp. xii+194. (London: The British Drug Houses, Ltd.) 2s. 6d. net.

Books on all Technical Subjects and Applied Science. (Catalogue of Dept. 7.) Pp. 104. (London: W. and G. Foyle, Ltd.)