

of five epithets of donors of the Bharaut railing, with reference to their significance in the literary and ecclesiastical history of the Buddhists.—Satya Churn Law: Observations on the breeding of some common birds in the vicinity of Calcutta. The discovery of nests of *Oriolus melanocephalus*, *Dicrurus ater*, *Ægithina tiphia*, and *Otocompsa emeria* in the months of February and March are recorded. For the latter three, the nests discovered establish earliest known records. The nest of *Otocompsa emeria* was in a plantain tree, a place not generally known to be selected for nest-building by this or any other bird.—N. Annandale: A working model of the origin of the Ganges in a temple in Ganjam. The model consists of stone figures associated with a tunnel of water which finally flows into a central cistern in three jets, representing the Ganges, the Jumna, and the Saraswati. The most prominent figure is that of the god Narayana, under whose left foot the water issues from a hidden pipe. Other figures represent the five heads of Mahadeva, the saint Jahnū, and the mythical mountain Sumeru. An elaborate and composite folk-tale is told to explain the model, its most characteristic feature being an account of the decay of harmony in the universe, its restoration by the divine service of Mahadeva and the ecstatic perspiration of Narayana whence the river originated.

### Official Publications Received.

- The Indian Forest Records. Vol. 10, Part 7: Interim Report on the Work under Projects No. 1 and No. 0 by the Section of Timber Testing, including the Results of the Mechanical and Physical Tests on certain of the commoner Indian Timbers up to the end of 1922. By L. N. Seaman. Pp. 7. (Delhi: Government Central Press.) 9 annas.
- Review of Agricultural Operations in India, 1922-23. Pp. vi+155. (Calcutta: Government Printing Office.) 1.10 rupees.
- Year-Book of the Department of Agriculture, Ceylon, 1924. Pp. 70+26 plates. (Peradeniya, Ceylon.)
- Proceedings of the Royal Society of Edinburgh, Session 1923-1924. Vol. 44, Part 1, No. 8: On the Theory of Graduation. By Prof. E. T. Whittaker. Pp. 77-83. Vol. 44, Part 1, No. 9: The Control Field in Magnetic Hysteresis. By Dr. Robert Cochran Gray. Pp. 84-87. (Edinburgh: R. Grant and Son; London: Williams and Norgate.) 9d. each.
- Transactions of the Geological Society of South Africa. Vol. 26, containing the Papers read during 1923. Pp. iv+163+10 plates. (Johannesburg.) 42s.
- Proceedings of the Geological Society of South Africa. Containing the Minutes of Meetings and the Discussion on Papers read during 1923; to Accompany Vol. 26 of the Transactions, January-December 1923. Pp. xliii. (Johannesburg.)
- Department of Agriculture, Jamaica. Microbiological Circular No. 1 of 1923: The Panama Disease of Bananas. By C. G. Hansford. Pp. ii+28 +4 plates. Microbiological Circular No. 3 of 1923: Tomato Diseases and their Control. By C. G. Hansford. Pp. 12. Entomological Circular No. 10: Citrus Cultivation. By C. C. Gowdey. Pp. 10. (Jamaica.)
- U.S. Department of Agriculture. Farmers' Bulletin No. 1326: Control of the Codling Moth in the Pacific Northwest. By E. J. Newcomer, M. A. Yothers, and W. D. Whitecomb. Pp. 27. (Washington: Government Printing Office.) 10 cents.
- Anales del Observatorio del Colegio "Ntra. Sra. de Montserrat." No. 11: Observaciones Meteorológicas de 1921. Pp. 91. (Cienfuegos, Cuba: Observatorio de Montserrat.)
- Regenwaarnemingen in Nederlandsch-Indië. Vier en Veertigste Jaarhang, 1922. (Bewerkt en uitgegeven door het Koninklijk Magnetisch en Meteorologisch Observatorium te Batavia.) Pp. iii+123. (Wetverden: Landsdrukkerij.)
- Actes de la Société Helvétique des Sciences Naturelles. 102<sup>e</sup> Session annuelle du 25 au 28 août 1921 à Schaffhouse. Pp. 138+195+52. 103<sup>e</sup> Session annuelle du 24 au 27 août 1922 à Berne. Pp. 144+345+73. 104<sup>e</sup> Session annuelle du 30 août au 2 septembre 1923 à Zermatt. Pp. 132+202 +61. (Aarau: H. R. Sauerländer et Cie.)
- Rocznik Astronomiczny Obserwatorium Krakowskiego na rok 1924. Wydany przez Prof. Tad. Banachiewicz. Tom 3. Pp. iv+180+29. (Krakow.) 5 zloty.
- University College of Wales, Aberystwyth: Welsh Plant Breeding Station. The Artificial Hybridisation of Grasses. By T. J. Jenkin. (Series H, No. 2.) Pp. 18. (Aberystwyth.) 8s. 6d.
- The Histological and Chemical Examination of the Seeds of *Ipomoea hederacea*, Jacquin, and other Species of *Ipomoea*. By Herbert C. Kassar. (Thesis approved for the Degree of Doctor of Philosophy in the University of London.) Pp. 70. (London: Pharmacy Research Laboratory, 17 Bloomsbury Square, W.C.1.)
- The Physical Society of London. Proceedings. Vol. 36, Part 3, April 15. Pp. 153-240. (London: Pleetway Press, Ltd.) 6s. net.
- Koninklijk Nederlandsch Meteorologisch Instituut. No. 112: Report on the International Meteorological Conference of Directors and of the Meeting of the International Meteorological Committee at Utrecht, September 1923. Pp. 191. (Utrecht: Kemink en Zoon.) 2 fl.
- Shirley Institute Memoirs. Vol. 2, 1923. Pp. vi+394+v. (Manchester: British Cotton Industry Research Association.)

### Diary of Societies.

MONDAY, MAY 12.

- VICTORIA INSTITUTE (at Central Buildings, Westminster), at 4.30.—Prof. E. Naville: Deuteronomy a Mosaic Book.
- ROYAL GEOGRAPHICAL SOCIETY (at Lowther Lodge), at 5.—Captain G. T. McCaw and others: Discussion on The Proposed Adoption of a Standard Figure of the Earth.
- ROYAL METEOROLOGICAL SOCIETY, at 5.15.—Prof. V. Bjerknes and others: Discussion on The Formation of Cyclones.
- INSTITUTION OF MECHANICAL ENGINEERS (Graduates' Section, London), at 7.—Eng.-Captain E. C. Smith: The Makers and Making of our Modern Navy (Lecture).

TUESDAY, MAY 13.

- ROYAL INSTITUTION OF GREAT BRITAIN, at 5.15.—Prof. J. Earcroft: The Effect of Altitude on Man (III.): The Mind.
- INSTITUTION OF PETROLEUM TECHNOLOGISTS (at Royal Society of Arts), at 5.30.—R. K. Richardson: The Geology and Oil Measures of South-east Persia.
- INSTITUTION OF CIVIL ENGINEERS, at 6.—Annual General Meeting.
- ROYAL PHOTOGRAPHIC SOCIETY OF GREAT BRITAIN (Scientific and Technical Group), at 7.—C. P. Butler: Photographic Records for Astrophysical Research.—F. F. Renwick: Note on the Factors affecting Grain Size in Emulsions.
- ROYAL SOCIETY OF MEDICINE (Psychiatry Section), at 8.30.—Annual General Meeting.

WEDNESDAY, MAY 14.

- RADIO SOCIETY OF GREAT BRITAIN (Informal Meeting) (at Institution of Electrical Engineers), at 6.—G. G. Blake and others: Discussion on Some suggested Lines for Experimental Research.
- INSTITUTION OF SANITARY ENGINEERS (at Caxton Hall, Westminster), at 7.30.—Dr. E. K. Rideal: Some Physico-chemical Factors in Water and Sewage Purification.
- ROYAL SOCIETY OF ARTS, at 8.—F. C. Ingrams: Furs and the Fur Trade.

THURSDAY, MAY 15.

- ROYAL SOCIETY, at 4.—Election of Fellows.—At 4.30.—Prof. A. Fowler: The Spectra of Silicon at Successive Stages of Ionisation (Bakerian Lecture).
- ROYAL SOCIETY OF MEDICINE (Dermatology Section), at 5.—Annual General Meeting.
- ROYAL INSTITUTION OF GREAT BRITAIN, at 5.15.—Dr. E. V. Appleton: Atmospheric Interference in Wireless Telegraphy (I).
- INSTITUTION OF MINING AND METALLURGY (at Geological Society), at 5.30.—Carbonaceous Matter at Porcupine: J. Mackintosh Bell: (1) Its Geological Occurrence.—A. Dorfman: (2) Its Metallurgy.—F. H. Edwards: The Constitution of Copper Mattes.—T. C. Chemister: A Microscopic Examination of the Insizwa Sulphide Deposits.
- CHEMICAL SOCIETY, at 8.—I. E. Balaban and Dr. F. L. Pyman: The Bromo-Derivatives of 1-Methylglyoxaline and the Constitution of "Chloroxalmythylin."—R. Campbell and W. N. Hadow: Synthesis of Amygdalin.—R. G. W. Norrish and Dr. E. K. Rideal: Reactivity and Radiation. The Photochemical Union of Hydrogen and Sulphur.
- ROYAL SOCIETY OF TROPICAL MEDICINE AND HYGIENE, at 8.15.—Prof. W. Yorke and Dr. J. W. Scott Macfie: Observations on Malaria made during the Malaria Treatment of General Paralysis.

FRIDAY, MAY 16.

- INSTITUTION OF MECHANICAL ENGINEERS, at 6.—Third Report of the Steam-Nozzles Research Committee.
- ROYAL PHOTOGRAPHIC SOCIETY OF GREAT BRITAIN, at 7.—D. H. Wilkinson: The Masters of Landscape Painting.
- PHILOLOGICAL SOCIETY (at University College), at 8.
- ROYAL INSTITUTION OF GREAT BRITAIN, at 9.—Very Rev. Dean W. F. Norris: The Stained Glass of York Minster.

SATURDAY, MAY 17.

- BRITISH PSYCHOLOGICAL SOCIETY (at University College), at 3.—Rev. R. C. McCarthy: The Influence of Unlearned Material upon Tasks performed with Learned Material.—R. H. Thouless: The Causes of the Continuous Change of Resistance observed in Psychogalvanic Experiments.
- ROYAL INSTITUTION OF GREAT BRITAIN, at 3.—Dr. W. G. Alcock: How Music is Made.

### PUBLIC LECTURES.

MONDAY, MAY 12.

- UNIVERSITY COLLEGE, at 5.—Prof. G. Dawes Hicks: Kant's Theory of Beauty and Sublimity. (Succeeding Lectures on May 19 and 26.)

TUESDAY, MAY 13.

- IMPERIAL COLLEGE—ROYAL SCHOOL OF MINES, at 5.15.—Dr. W. G. Miller: The Pre-Cambrian—with Special Reference to that of Ontario. (Succeeding Lectures on May 20 and 27.)

WEDNESDAY, MAY 14.

- CARNEGIE HOUSE HALL, 117 Piccadilly, at 5.—Dr. C. W. Saleeby: The Value of Sunlight for Life and Health.
- KING'S COLLEGE, at 5.30.—Prof. C. G. Seligman: Racial Problems of the Empire.

THURSDAY, MAY 15.

- UNIVERSITY COLLEGE, at 2.30.—Sir W. M. Flinders Petrie: Recent Discoveries in Egypt.
- INSTITUTE OF PATHOLOGY AND RESEARCH, ST. MARK'S HOSPITAL, at 5.—Dr. A. Balfour: Some Medical and Sanitary Lessons.
- KING'S COLLEGE, at 5.30.—Prof. T. H. Bryce: The Development of the Human Embryo up to the Appearance of the Primitive Segments. (Succeeding Lectures on May 16, 18, and 20.)