

Air Ministry: Aeronautical Research Committee. Reports and Memoranda. No. 1201. (E. 29); On the Stiffness of Crankshafts. By H. Constant. (I.C.E. 670; T.V.C. 46; Final revise.) Pp. 16+8 plates. 1s. net. No. 1213 (Ae. 372): Wind Tunnel Tests of Aerofoils with Pilot Planes. By F. B. Bradfield and K. W. Clark. (I. 2717.) Pp. 26+10 plates. 1s. 3d. net. (London: H.M. Stationery Office.)

## FOREIGN.

Contributions to Embryology. Vol. 20, Nos. 109-117: Early Stages in the Development of Pig Embryos, from the Period of Initial Cell Cleavage to the Time of the Appearance of Limb-Buds, by C. H. Heuser and G. I. Streeter; The Development of the Meninges in Amphibia, a Study of Normal and Experimental Animals, by Louis B. Flexner; On the Placentation of Primates, with a Consideration of the Phylogeny of the Placenta, by George B. Wislocki; A Well-preserved Human Embryo of 10 Somites, by George W. Corner; The Topographic History of the Volar Pads (walking Pads; *Tastballen*) in the Human Embryo, by H. Cummins; A Correlated Study of the Development of Reflex Activity in Fetal and Young Kittens and the Myelination of Tracts in the Nervous System, by Orthello R. Langworthy; The Effect of various Solutions and Salts upon the Pulsation Rate of Isolated Hearts from Young Chick Embryos, by Warren H. Lewis; Macrophages and other Cells of the Deep Fascia of the Thigh of the Rat, by Warren H. Lewis; The Technique of measuring the Outer Body of Human Fetuses and of Primates in General, by Adolph H. Schultz. Pp. iii+257+52 plates. (Washington, D.C.: Carnegie Institution.) 5.50 dollars.

Publikationer og mindre Meddelelser fra Københavns Observatorium. Nr. 63: Fortsættelse og Afsluttelse der Librationen um L<sub>2</sub> og L<sub>3</sub> i de restringerede Dreikörperproblemet (Problème Restreint). Von Elis Strömgen. Pp. 46+1 tafel. (København.)

Forty-third Annual Report of the Bureau of American Ethnology to the Secretary of the Smithsonian Institution, 1925-1926. With Accompanying Papers—The Ossage Tribe: Two Versions of the Child-naming Rite, by Francis La Flesche; Wawonok Myth Texts from Maine, by Frank G. Speck; Native Tribes and Dialects of Connecticut, a Mohegan-Pequot Diary, by Frank G. Speck; Picuris Children's Stories, by John P. Harrington and Helen H. Roberts; Iroquoian Cosmology, Second Part, by J. N. B. Hewitt. Pp. vii+828+44 plates. (Washington, D.C.: Government Printing Office.) 2.75 dollars.

Proceedings of the American Academy of Arts and Sciences. Vol. 63, No. 12: Records of Meetings, 1927-1928; Biographical Notices; Officers and Committees for 1928-1929; List of the Fellows, Associates and Foreign Honorary Members; Statutes and Standing Votes; Rumford Premium; Index. Pp. 439-524+iv. (Boston, Mass.) 50 cents.

Conseil Permanent International pour l'Exploration de la Mer. Rapports et Procès-verbaux des Réunions. Vol. 56: Whales and Plankton in the North Atlantic; a Contribution to the Work of the Whaling Committee and of the North Eastern Area Committee. Pp. vi+123+26+29+70+50+112+57+84. (Copenhagen: Andr. Fred. Høst et fils.) 21.50 kr.

Proceedings of the United States National Museum. Vol. 73, Art. 20: The Florida Tree Snails of the Genus *Liguus*. By Charles Torrey Simpson. (No. 2741.) Pp. 44+4 plates. (Washington, D.C.: Government Printing Office.)

United States Department of Agriculture. Technical Bulletin No. 95: The Meal Worms. By R. T. Cotton; with Technical Descriptions of the Mature Larvae, by R. A. St. George. Pp. 38. (Washington, D.C.: Government Printing Office.) 10 cents.

## CATALOGUES.

Catalogue of Books on Mathematics, Physics, Astronomy, History and Method of Science. Pp. 28. (London: H. K. Lewis and Co., Ltd.)

Catalogue of Books on Botany, Zoology, Agriculture and Geology. Pp. 44. (London: H. K. Lewis and Co., Ltd.)

New and Recent Publications. Pp. 8. (London: Williams and Norgate, Ltd.)

## Diary of Societies.

## FRIDAY, JULY 5.

INSTITUTION OF CIVIL ENGINEERS (Birmingham and District Association), at 8.30 A.M.—Visit to Liverpool to see the Work in connexion with the Mersey Tunnel.

OVERHEAD LINES ASSOCIATION, at 12.15 P.M.—Visit to the Mid-Cheshire Electricity Supply Company.

GEOLOGISTS' ASSOCIATION (in Architectural Theatre, University College, Gower Street), at 7.30.—Christopher T. A. Gaster: Chalk Zones in the Neighbourhood of Shoreham, Brighton, and Newhaven, Sussex.—H. G. Smith: Some Features of Lamprophyres, near Sedbergh, Yorkshire.

## SATURDAY, JULY 6.

PHYSICAL SOCIETY (at the University, Birmingham), at 3 P.M.—S. W. J. Smith and A. A. Dee: The Magnetic Analysis of Steels.—T. L. Ibbs and K. E. Grew: Thermal Diffusion at Low Temperatures.—G. Barlow and H. B. Keene: The Damping of Vibrations in Steel Tuning Forks and its Variation with Temperature.—J. Young: The Crystal Structure of Some Carbohydrates.—M. C. Johnson: Note on the Origin of Certain Interatomic Forces.

PHYSIOLOGICAL SOCIETY (in Physiology Laboratory, Oxford), at 3.30.—H. V. Horton: The Reversible Loss of Excitability in Isolated Amphibian Voluntary Muscle.—C. W. Carter and A. N. Drury: Heart Block in Rice-fed Pigeons.—Samson Wright and H. A. Bulman: Physiological Action of X-Rays.—G. P. Crowden and E. Ogden: The Effect of Adrenaline on the Non-protein Nitrogen in the Blood of Decerebrate Cats.—G. Ekehorn: Some Observations on the Concentration of Glomerular Fluid.—Prof. H. E. Roaf: Visual Acuity with

Light of Short-wave Lengths.—Prof. R. A. Peters: Observations upon the Oxygen Consumption of *Colpidium colpodi*.—Demonstrations:—S. Cooper and J. C. Eccles: Isometrically Recorded Motor Responses in a Mammalian Preparation.—H. M. Carleton: Some Recent Methods in General Histology (Microscopes).—Dr. J. F. Fulton and E. G. T. Liddell: Chronic Decerebellate Animals.—J. C. Eccles and Sir C. S. Sherrington: Reflex Summation.—J. C. Eccles: Fluid Electrodes suitable for the Mammalian Preparation.—T. Lewis: Standard Colours for estimating Cyanosis in Skin.

## MONDAY, JULY 8.

SOCIETY OF CHEMICAL INDUSTRY (Manchester Section) (Annual General Meeting) (at Municipal College of Technology, Manchester) (and on July 9 to 13).

## TUESDAY, JULY 9.

SOCIETY OF CHEMICAL INDUSTRY (at Manchester), at 10.15 A.M.—Annual General Meeting.—Dr. A. D. Little: Science and Labour.

SOCIETY FOR THE STUDY OF INEBRIETY (at 11 Chandos Street, W.), at 4.—W. McAdam Eccles: Some Gaps in the Study of Inebriety (Presidential Address).—Sir William Willcox and others: Discussion on The Toxic Effects of Methylated Spirits and Impure Forms of Alcohol.

## WEDNESDAY, JULY 10.

SOCIETY OF CHEMICAL INDUSTRY (at Manchester), at 10 A.M.—Annual Meeting.—Prof. T. H. Pear: The Human Factor in Industry.—Dr. A. D. Little: Process Development.

INSTITUTION OF MINING ENGINEERS (at University College, Nottingham), at 11 A.M.—General Meeting.—Dr. W. Hancock, A. G. R. Whitehouse, and Dr. J. S. Haldane: The Salts lost by Sweating owing to High Air-temperatures (Sixteenth Report to the Committee on The Control of Atmospheric Conditions in Hot and Deep Mines).—Dr. J. S. Haldane: Work of the Committee of the Institution of Mining Engineers on The Control of Atmospheric Conditions in Hot and Deep Mines.—The following papers will be submitted for further discussion:—W. S. Cooke and I. C. F. Statham: The Flow of Air at Bends and in Straight Airways (Sixth Report of the Midland Institute Committee on the Ventilation of Mines).—Dr. T. David Jones: Spontaneous Combustion in North Staffordshire. Part II. A Record of Analyses of Air-samples taken during the Combating of a Fire.—Dr. T. F. Wall: Electro-magnetic Testing of Wire Ropes.—2.15.—The General Meeting will be resumed.—3.30.—The General Meeting will be closed.

## TUESDAY, JULY 16.

SOCIETY OF CHEMICAL INDUSTRY (South Wales Section).—Visit to the Works of Messrs. J. S. Fry and Sons, Ltd., at Somerdale, near Bristol.

## PUBLIC LECTURE.

## TUESDAY, JULY 16.

UNIVERSITY COLLEGE HOSPITAL MEDICAL SCHOOL, at 5.—Sir Thomas Lewis: Observations Relating to the Mechanism of Raynaud's Disease (Victor Horsley Memorial Lecture).

## CONFERENCES.

## JULY 10 TO 12.

ELECTRICAL ASSOCIATION FOR WOMEN (at North-East Coast Exhibition, Newcastle-upon-Tyne).—Fourth Annual Conference.

## JULY 12 TO 14.

MIND ASSOCIATION (Annual Meeting) (jointly with Aristotelian Society) (at University College, Nottingham).

Friday, July 12, at 8 P.M.—Prof. F. Granger: Probability and Paradox. Saturday, July 13, at 10 A.M.—Prof. G. E. Moore and H. W. B. Joseph: Indirect Knowledge.

At 2.—Prof. J. Laird, C. E. M. Joad, and Miss L. S. Stebbing: The Present Position of Realism.

At 8 P.M.—J. D. Mabbott, H. H. Price, and G. Ryle: Negation.

Sunday, July 14, at 2.—Prof. G. Dawes Hicks, Prof. B. Edgell, and Prof. G. C. Field: Immediate Experience.

At 8 P.M.—Address.

## JULY 13 TO 20.

ROYAL SANITARY INSTITUTE (at Sheffield).

In Sections devoted to Preventive Medicine, Architecture and Engineering, Maternity and Child Welfare (including School Hygiene), Hygiene of Food, Hygiene in Industry, Veterinary Hygiene, Representatives of Sanitary Authorities, National Health Insurance Services, Medical Officers of Health, Engineers and Surveyors, Sanitary Inspectors, Health Visitors (including Personal and Domestic Hygiene).

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