

## FOREIGN.

ИЗВЕСТИЯ ТИХООКЕАНСКОГО НАУЧНОГО ИНСТИТУТА РЫБНОГО ХОЗЯЙСТВА (Bulletins of the Pacific Scientific Fisheries Institute). Vol. 4, Part 2: ОЧЕРК ВОДОРΟΣЛЕВОВОГО ПОЯСА ПРИМОРСКОГО ПОБЕРЕЖЬЯ В СВЯЗИ С НЕКОТОРЫМИ ОБЩИМИ ВОПРОСАМИ ЕГО ИСПОЛЬЗОВАНИЯ (Eine Übersicht des Tangguertels des Küstengebietes im Zusammenhang mit einigen allgemeinen Fragen seiner Ausbeutung). Von Harry Gail. Pp. 46. 50 kop. Vol. 5: ОБЗОР РЫБ ДАЛЬНЕВОСТОЧНЫХ МОРЕЙ (A Review of the Fishes of the Seas of the Far East). By Prof. V. K. Soldatov and Prof. G. J. Lindberg. Pp. xvii+576. 6 руб. Vol. 6: СЕДЬЛЬ (*Clupea harengus* Pallasi C.V.) ЗАЛИВА ПЕТРА ВЕЛИКОГО, БИОЛОГИЧЕСКИЙ ОЧЕРК (The Herring *Clupea harengus* Pallasi C.V. of Peter the Great Bay, a Biological Sketch). By A. I. Ambroz. Pp. viii+318. 5 руб. (Vladivostok.)

U.S. Department of Commerce: Bureau of Standards. Research Paper No. 281: Mechanism of the Atomization of Liquids. By R. A. Castleman, Jr. Pp. 369-376+3 plates. 5 cents. Research Paper No. 289: Extension of the Standard Visibility Function to Intervals of 1 Millimicron by Third-Difference Osculatory Interpolation. By Deane B. Judd. Pp. 465-471. 5 cents. (Washington, D.C.: Government Printing Office.)

Proceedings of the Colorado Museum of Natural History. Vol. 10, No. 2: Prehistoric Flaked Points from Colorado and neighboring Districts. By E. B. Renaud. Pp. 22+3 plates. (Denver, Colo.)

University of Illinois Engineering Experiment Station. Bulletin No. 226: Laboratory Tests of Reinforced Concrete Arches with Decks. By Prof. Wilbur M. Wilson. Pp. 97. 50 cents. Bulletin No. 227: The Effect of Smelter Atmospheres on the Quality of Dry Process Enamels for Cast Iron. A Report of an Investigation conducted by the Engineering Experiment Station, University of Illinois, in cooperation with the Utilities Research Commission. By Prof. Andrew I. Andrews and Horace W. Alexander. Pp. 16. 10 cents. (Urbana, Ill.)

U.S. Department of the Interior: Geological Survey. Water-Supply Paper 620: Geology and Ground-Water Resources of Western Sandoval County, New Mexico. By B. Coleman Renick. Pp. vi+117+10 plates. 85 cents. Water-Supply Paper 641: Surface Water Supply of the United States, 1927. Part 1: North Atlantic Slope Drainage Basins. Pp. vii+188. 85 cents. Water-Supply Paper 643: Surface Water Supply of the United States, 1927. Part 3: Ohio River Basin. Pp. vii+216. 85 cents. (Washington, D.C.: Government Printing Office.)

U.S. Department of Agriculture. Circular No. 157: Fig Insects in California. By Perez Simmons, W. D. Reed and E. A. McGregor. Pp. 72. (Washington, D.C.: Government Printing Office.) 20 cents.

The Bashford Dean Memorial Volume. Archaic Fishes. Edited by Eugene Willis Gudger. Article 2: The Segmentation of the Egg of the Myxinoide, *Blellotoma stouti*, based on the Drawings of the late Bashford Dean. By Eugene Willis Gudger and Prof. Bertram G. Smith. Pp. 43-62+2 plates. (New York: American Museum of Natural History.)

Bulletin of the Earthquake Research Institute, Tokyo Imperial University. Vol. 9, Part 1, March. Pp. 114+27 plates. (Tokyo: Iwanami Shoten.) 1.66 yen.

U.S. Department of Commerce: Bureau of Standards. Bureau of Standards Journal of Research. Vol. 6, No. 5, May, R.P. Nos. 303-318. Pp. 765-916. (Washington, D.C.: Government Printing Office.)

Proceedings of the United States National Museum. Vol. 78, Art. 2: Catalogue of Human Crania in the United States National Museum Collections. By Aleš Hrdlička. (No. 2845.) Pp. 95. (Washington, D.C.: Government Printing Office.)

Smithsonian Institution: Freer Gallery of Art. Yakgas. Part 2. By Ananda K. Coomaraswamy. (Publication 3059.) Pp. 84+50 plates. (Washington, D.C.: Government Printing Office.)

Smithsonian Institution: United States National Museum. Bulletin 100: Contributions to the Biology of the Philippine Archipelago and adjacent Regions. The Fishes of the Families Pseudochromidae, Lobotidae, Pempheridae, Priacanthidae, Lutjanidae, Pomadasysidae and Terapontidae, collected by the United States Bureau of Fisheries Steamer *Albatross*, chiefly in Philippine Seas and adjacent Waters. By Henry W. Fowler. Pp. xi+388. (Washington, D.C.: Government Printing Office.) 60 cents.

Les observatoires astronomiques et les astronomes. Par P. Stroobant, J. Delvoal, E. Delporte et F. Moreau. Pp. 315. (Uccle: Observatoire Royal.) 14 Belgas.

Suomen Geodeettisen Laitoksen Julkaisuja (Veröffentlichungen des Finnischen Geodätischen Institutes). No. 15: Der Einfluss der den Pendel umgebenden Luft auf die Schwingungszeit beim V. Sternekschen Pendelapparat. Von M. Franssila. Pp. 23. No. 16: Ergebnisse der astronomischen Ortbestimmungen auf den Finnischen Dreieckspunkten. Von Y. Leinberg. Pp. 162. (Helsinki.)

The University of Colorado Studies. Vol. 18, No. 3, April. Pp. 119-176. (Boulder, Colo.)

Proceedings of the Imperial Academy. Vol. 7, No. 4, April. Pp. ix+x+129-178. (Tokyo.)

The Carnegie Foundation for the Advancement of Teaching. Bulletin No. 26: Current Developments in American College Sport. By Howard J. Savage, John T. McGovern, Harold W. Bentley. Pp. iv+58. (New York City.) Free.

Proceedings of the Academy of Natural Sciences of Philadelphia, Vol. 83. A new East African *Francolin*. By W. Wedgwood Bowen. Pp. 301-303. (Philadelphia.)

Proceedings of the California Academy of Sciences, Fourth Series. Vol. 20, No. 1: Geographic Variation in the Richardson Grouse. By Harry S. Swarth. Pp. 7. (San Francisco.)

Report of the Aeronautical Research Institute, Tōkyō Imperial University. No. 68: Stresses under Tension in a Plate with a Heterogeneous Insertion. By Katsutada Sezawa and Genrokuro Nishimura. Pp. 25-43. 0.18 yen. No. 69: On the Buckling under Edge Thrusts of a Rectangular Plate clamped at Four Edges. By Katsutada Sezawa. Pp. 45-59. 0.15 yen. No. 70: On the Lateral Vibration of a Rectangular Plate clamped at Four Edges. By Katsutada Sezawa. Pp. 61-70. 0.11 yen. No. 71: Atomic Heat at Constant Pressure of Crystalline Substances. By Yositosi Endō. Pp. 71-82. 0.12 yen. (Tōkyō: Koseikai Publishing House.)

Japanese Journal of Astronomy and Geophysics. Transactions and Abstracts, Vol. 8, No. 3. Pp. 4+67-207+11-44. (Tokyo: National Research Council of Japan.)

## CATALOGUES.

A Catalogue of Publications in Medicine and Science. Pp. xiv+66. (London: Baillière, Tindall and Cox.)  
Leitz Epidiascopes. Pp. 26. (Wetzlar and London: Ernst Leitz.)

## Diary of Societies.

FRIDAY, JUNE 26.

ROYAL SOCIETY OF ARTS, at 4.30.—W. L. Stampé: The Ganges Canal Hydro-Electric Scheme: A System of Rural Electrification.  
ROYAL SOCIETY OF MEDICINE (Otolaryngology Section) (at Queen's College, Oxford), at 2.—Dr. W. T. Hillier: The Lateral Line of Sense Organs.—At 5.—E. A. Peters: (a) A Test for Maximum Tuning Fork Hearing; (b) A Case of Cerebellar Abscess Drained Anterior to the Lateral Sinus.—Demonstration.—Dr. M. Macnaughton Jones: Models Illustrating the Physiology of the Ear.

SATURDAY, JUNE 27.

BRITISH PSYCHOLOGICAL SOCIETY (at Reading University), at 3.15.—Papers on Oscillation:—Miss M. I. Dunsdon: Reversible Perspective and the Effect of Conation.—Mrs. H. W. Oldham: Oscillation in Sounds of Low Intensity.—Demonstrations of Apparatus by D. F. Vincent: (a) A Mirror Tachistoscope Without Moving Parts; (b) An Apparatus for Producing Sounds of Predetermined Wave-form.  
ROYAL SOCIETY OF MEDICINE (Otolaryngology Section) (at Queen's College, Oxford), at 10.30 A.M.—Discussions: The Physics of Sound and the Physiology of Hearing, and on the Questionnaire of the Otosclerosis Committee.

TUESDAY, JUNE 30.

ROYAL ANTHROPOLOGICAL INSTITUTE (Annual General Meeting), at 8.30.—Presidential Address.

FRIDAY, JULY 3.

ASSOCIATION OF ECONOMIC BIOLOGISTS (Summer Meeting) (at Farnham House Parasite Laboratory, Farnham Royal).  
ROYAL SOCIETY OF MEDICINE (Study of Disease in Children Section) (at Bath).

## PUBLIC LECTURE.

FRIDAY, JUNE 26.

LONDON SCHOOL OF HYGIENE AND TROPICAL MEDICINE (Public Health Division), at 5.—Sir Thomas Legge: Industrial Poisonings.

## CONGRESSES.

JUNE 29 TO JULY 4.

INTERNATIONAL CONGRESS OF THE HISTORY OF SCIENCE AND TECHNOLOGY. Monday, June 29, at 3 (at Royal Geographical Society).—Dr. C. Singer: Presidential Address.

At 4.30.—Reception (at Science Museum) by Sir Henry Lyons and Lady Lyons.  
At 9.—Reception (at Royal Society of Medicine) by the President and Mrs. Singer.

Tuesday, June 30, at 9.30 A.M. (at Science Museum).—The Sciences as an Integral Part of General Historical Study, and The Teaching of the History of Science.

At 4.30.—Reception (at Royal Society) by Sir Frederick Hopkins and Lady Hopkins.

At 9.—Reception (at Royal Institution) by the Managers.

Wednesday, July 1 (at Cambridge).

Thursday, July 2, at 10 A.M. (at Science Museum).—Historical and Contemporary Inter-relationship of the Physical and Biological Sciences.

At 4.30.—Reception (at Institute of Historical Research) by the Director and Committee.

At 9.—Reception (at Royal College of Physicians) by Lord Dawson of Penn.

Friday, July 3, at 10 A.M. (at Science Museum).—Interdependence of Pure and Applied Science.

Saturday, July 4 (at Oxford).

JUNE 29 TO JULY 4.

CONGRESS OF NAVAL ARCHITECTS (Institution of Naval Architects and Association Technique Maritime et Aéronautique) (at Paris).

Papers on—  
Shipbuilding.  
Marine Engineering.  
Civil Aviation.

JULY 4 TO 11.

ROYAL SANITARY INSTITUTE (at Glasgow).—Subjects for Discussion:—The Role of the Hospital Relative to the Development of Preventive Medicine.

The Proposals of the British Medical Association for a General Medical Service, from the Standpoint of Preventive Medicine, and in Relation to National Health Insurance.

Development of the National Health Insurance Scheme.

Administration of the Local Government Act, 1929.

Eugenic Sterilisation.

Health Certificates before Marriage.

Pregnancy and Tuberculosis.

Maternity and Child Welfare Work.