

Smithsonian Institution: United States National Museum. Bulletin 155: The Birds of Haiti and the Dominican Republic. By Alexander Wetmore and Bradshaw H. Swales. Pp. iv+483+26 plates. (Washington, D. C.: Government Printing Office.) 1 dollar.

Proceedings of the Academy of Natural Sciences of Philadelphia, Vol. 83. The Orthoptera of Kansas. By Morgan Hebard. Pp. 119-227. The Fishes obtained by the De Schauensee South African Expedition, 1930. By Henry W. Fowler. Pp. 233-249. The Grootfontein, Southwest Africa, Meteoric Iron. By Samuel G. Gordon. Pp. 251-255. The Geographical Forms of *Pohikierax senitorquatus*. By W. Wedgwood Bowen. Pp. 257-262. (Philadelphia.)

The American Museum and the University: Sixty-second Annual Report of the Trustees for the Year 1930. Pp. viii+208+8 plates. (New York City.)

Sudan Government: Wellcome Tropical Research Laboratories, Khartoum. Report of the Government Chemist for the Year 1930. (Chemical Section, Publication No. 63.) Pp. iii+32. (Khartoum.)

Conseil Permanent International pour l'Exploration de la Mer. Rapports et procès-verbaux des réunions. Vol. 73: Untersuchungen an Salmoniden mit besonderer Berücksichtigung der Art- und Rassefragen. Teil 2. Von H. Henking. Pp. 122. (Copenhagen: Andr. Fred. Høst et fils.) 5.50 kr.

Proceedings of the Academy of Natural Sciences of Philadelphia. Vol. 82, 1930. Pp. 450+37 plates. (Philadelphia.) 6.25 dollars.

The Academy of Natural Sciences of Philadelphia. 1930 Year Book. Pp. 77. (Philadelphia.)

Smithsonian Institution: United States National Museum. Bulletin 154: A Study of the Teiid Lizards of the Genus *Cnemidophorus* with Special Reference to their Phylogenetic Relationships. By Charles E. Burt. Pp. viii+286. (Washington, D. C.: Government Printing Office.) 80 cents.

R. Osservatorio Astrofisico di Catania. Annuario 1931. Pp. iv+37. (Catania.)

Memoirs of the College of Science, Kyoto Imperial University. Series A, Vol. 14, No. 2, March. Pp. 43-78. (Tokyo and Kyoto: Maruzen Co., Ltd.) 1.00 yen.

Anales del Museo Nacional de Historia Natural Bernardino Rivadavia, Buenos Aires. Tomo 56. Pp. x+519+88 láminas. (Buenos Aires.)

Cornell University Agricultural Experiment Station. Bulletin 516: Dry Skimmilk in Ice Cream. By Walter V. Price and Randall Whitaker. Pp. 37. Bulletin 517: Celery Production on the Muck Soils of New York. By J. E. Knott. Pp. 37. Bulletin 518: A Statistical Study of Milk Production for the New York Market. By M. P. Catherwood. Pp. 126. Memoir 135: A Gene in Maize for Supernumerary Cell Divisions following Meiosis. By G. W. Beadle. Pp. 12+8 plates. (Ithaca, N. Y.)

Carnegie Institution of Washington. Publication No. 413: Papers from Tortugas Laboratory of Carnegie Institution of Washington, Vol. 27. i. A Cytological and Biochemical Study of the Ovaries of the Sea-urchin *Echinometra lucunter*, by D. H. Tennent, M. S. Gardiner and D. E. Smith; ii. Observations on the Formation of the Egg of *Echinometra lucunter*, by Ruth A. Miller and Helen B. Smith; iii. Studies on the Coral Reefs of Tutuila, American Samoa, with Special Reference to the Alcyonaria, by Lewis R. Cary; iv. Formed Components and Fertilization in the Egg of the Sea-urchin *Lytelichinus variegatus*, by Esther C. Hendee. Pp. ii+105+22 plates. (Washington, D. C.: Carnegie Institution.)

Proceedings of the United States National Museum. Vol. 78, Art. 19: Notes on the American Bats of the Genus *Tadarida*. By H. Harold Shamel. (No. 2862.) Pp. 27. (Washington, D. C.: Government Printing Office.)

Carnegie Institution of Washington. Publication No. 414: Contributions to Embryology, Vol. 22, Nos. 126 to 133. No. 126: Focal Deficiencies in Fetal Tissues and their Relation to Intra-uterine Amputation, by George L. Streeter; No. 127: Human Tubal Ova, related Early Corpora Lutea and Uterine Tubes, by Edgar Allen, J. P. Pratt, Q. U. Newell and L. J. Bland; No. 128: Phagocytic Activity and Morphological Variations of the Ciliated Epithelial Cells of the Trachea and Bronchi in Rabbits, by Marian W. Ropes; No. 129: Observations on the Development of the Human Female Genital Tract, by Richard H. Hunter; No. 130: Ontogeny and Phylogeny of the Nasal Cartilages in Primates, by I. Chuau Wen; No. 131: A Human Embryo with 14 Pairs of Somites, by Chester H. Heuser; No. 132: Area vitellina of Chick Blastoderm in Tissue Cultures, by Z. Grodzinski; No. 133: On a Series of Placental Stages of a Platyrrhine Monkey (*Ateles geoffroyi*) with some Remarks upon Age, Sex and Breeding Period in Platyrrhines, by George B. Wislocki. Pp. iii+192+40 plates. (Washington, D. C.: Carnegie Institution.)

Koninklijk Magnetisch en Meteorologisch Observatorium te Batavia. Jaarverslag 1930. Pp. 23. (Batavia.)

Annual Report of the Meteorological Observatory of the Government-General of Työsen for the Year 1928. Pp. iv+164. Annual Report of the Meteorological Observatory of the Government-General of Työsen for the Year 1929. Pp. iv+170. (Zinsen.)

Journal of the Faculty of Science, Imperial University of Tokyo. Section 1: Mathematics, Astronomy, Physics, Chemistry. Vol. 2, Part 5. Pp. 133-154. 0.40 yen. Section 2: Geology, Mineralogy, Geography, Seismology. Vol. 3, Part 3. Pp. 131-183. 1.20 yen. Section 4: Zoology. Vol. 2, Part 8. Pp. 141-224. 1.30 yen. (Tokyo: Maruzen Co., Ltd.)

República Argentina: Ministerio de Agricultura de la Nación. Anales de la Dirección de Meteorología, Tomo 19. Conteniendo las observaciones practicadas en el año 1928. Vol. 1: Resultados de las observaciones Aerológicas efectuadas con Globos-pilotos en el Observatorio Regional Buenos Aires (Villa Ortuzar). Pp. 21+54 gráficos. (Buenos Aires.)

CATALOGUES.

Rare and Interesting Works on Entomology and Arachnology. (New Series, No. 25.) Pp. 80. (London: Wheldon and Wesley, Ltd.)

Voyages and Travels before 1750, with a few Early Atlases, Books on Navigation, Mathematics and Kindred Subjects. (Catalogue 538.) Pp. 66. (London: Francis Edwards, Ltd.)

A Catalogue of Books on Philosophy. (No. 1458.) Pp. 28. (Cambridge: Bowes and Bowes.)

Diary of Societies.

FRIDAY, JUNE 19.

PHYSICAL SOCIETY (at Imperial College of Science and Technology), at 3 and at 5.15.—Discussion on Audition to be opened by Dr. C. S. Myers.—Dr. E. D. Adrian: The Microphonic Action of the Cochlea in Relation to Theories of Hearing.—Dr. R. T. Beatty: Auditory Mechanisms.—Dr. A. W. G. Ewing: High-frequency Deafness.—Dr. F. Allen: The Perception of Intensity of Sound in Normal, Depressed, and Enhanced States of Aural Sensitivity.—Dr. E. G. Richardson: The Dynamical Theory of the Ear.—Sir Richard A. S. Paget, Bart.: Audition in Relation to Speech, and the Production of Speech Sounds by the Human Vocal Apparatus, by Acoustic or Electrical Resonators, and by Musical Instruments.—Dr. E. W. Scripture: The Nature of the Vowels.—Dr. E. Meyer: The Analysis of Noises and Musical Sounds.—Dr. C. V. Drysdale: Acoustic Measuring Instruments.—Dr. H. Banister: The Basis of Sound-localisation.—Dr. A. H. Davis: The Measurement of Noise.—Dr. F. Treudelenberg: Objective Measurement and Subjective Perception of Sound.—Dr. G. Waetzmann and H. Heisig: The Measurement by Resonance Telephones of the Threshold Sensitivity of the Ear.—Major W. S. Tucker: The Localisation of Sound Derived from Observations of Intensity.—Prof. E. M. von Hornbostel: The Time Theory of Sound-localisation. A Re-statement. ROYAL SOCIETY OF MEDICINE (Physical Medicine Section), at 5.—Special General Meeting.

ROYAL SOCIETY OF MEDICINE (Obstetrics and Gynaecology Section), at 8.—Prof. F. J. Browne: The Zondek-Ascheim Reaction in Chorion-Epithelioma.—Dame Louise Mellroy and Dr. Gladys Hill: Pregnancy Complicated with Diabetes.

ROYAL SOCIETY OF MEDICINE (Radiology Section), at 8.30.—Special General Meeting.

SATURDAY, JUNE 20.

NORTH OF ENGLAND INSTITUTE OF MINING AND MECHANICAL ENGINEERS (at Newcastle-upon-Tyne), at 2.30.—A. Walker: Interim Report of the Support of Workings in Mines Committee.

ROYAL SOCIETY OF MEDICINE (Orthopedics Section) (at Oxford).

MONDAY, JUNE 22.

ROYAL GEOGRAPHICAL SOCIETY (Annual General Meeting), at 3.—Sir William Goodenough: Presentation of Royal Medals and other Awards of the Society; delivery of Presidential Address; Annual Report of the Council.

TUESDAY, JUNE 23.

QUEKETT MICROSCOPICAL CLUB (at 11 Chandos Street, W.1), at 7.30.—Gossip Meeting.

WEDNESDAY, JUNE 24.

ROYAL SOCIETY OF ARTS, at 4.—Annual General Meeting.

BRITISH ASTRONOMICAL ASSOCIATION (at Lion College), at 5.

BRITISH PSYCHOLOGICAL SOCIETY (Medical Section) (at 11 Chandos Street, W.1), at 8.30.—Dr. A. R. Redfern, Dr. Sybille Yates, and Dr. J. C. Young: Symposium on Phobias. Discussion to be opened by Dr. E. Miller.

THURSDAY, JUNE 25.

ROYAL SOCIETY, at 4.30.—Prof. S. Chapman: Some Phenomena of the Upper Atmosphere (Bakerian Lecture).

ROYAL SOCIETY OF MEDICINE (Urology Section), at 5.30.—The Treatment of Inoperable Carcinoma of the Bladder.

FRIDAY, JUNE 26.

ROYAL SOCIETY OF MEDICINE (Otolaryngology Section) (at Oxford).

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 Oxford).

PUBLIC LECTURES.

TUESDAY, JUNE 23.

INSTITUTE OF PATHOLOGY AND RESEARCH (St. Mary's Hospital, W.2), at 5.—Prof. H. Hatridge: The Theory of Hearing.

FRIDAY, JUNE 26.

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

BI-CENTENARY.

JUNE 23 TO 29.

ROYAL DUBLIN SOCIETY (Bi-Centenary Celebrations) (at Ball's Bridge, Dublin).

Tuesday, June 23, at 8.30.—Conversazione.

Wednesday, June 24, at 11 A.M.—Scientific Proceedings.

Thursday, June 25, at 11 A.M.

At 8.—Anniversary Stated Meeting.

Friday, June 26, at 11 A.M.

Saturday, June 27, at 2.

Monday, June 29, at 8.30.

SUMMER MEETING.

JUNE 22 TO 24.

INSTITUTION OF HEATING AND VENTILATING ENGINEERS (at Harrogate).