

Teeth of Selachii in relation to nutrition. Different species of Selachii show four distinct types of teeth, which correspond with four different types of nutriment. MARGHERITA OLLINO: Experimental investigations on the metamorphosis of anuric amphibia. Transplanting experiments in relation to larval stages and to hormonal (thyroid) conditions. EUFROSINE RUZZA: Investigations on the development of the pronephros of amphibia. R. NOVELLO: Observations on the chloroplasts of the palm. G. MORUZZI: The existence of transneuronic degenerations.

Forthcoming Events

[Meetings marked with an asterisk are open to the public.]

Monday, April 16

ROYAL SOCIETY OF ARTS, at 8.—Prof. J. G. Gray: "Gyroscopes". (Thomas Gray Lecture. Succeeding lectures on April 23 and 30.)

ROYAL GEOGRAPHICAL SOCIETY, at 8.30.—Prof. E. de Martonne: "The Andes of the North-West Argentine".

Tuesday, April 17

EUGENICS SOCIETY, at 5.15—(in the rooms of the Linnean Society, Burlington House, Piccadilly, W.1).—A Symposium on "Birth Control". Speakers: Representatives of the National Birth Control Association and the Society for the Provision of Birth Control Clinics.*

Wednesday, April 18

ROYAL SOCIETY OF ARTS, at 8.—W. R. Gordon: "The Utilisation of Coal".

SOCIETY FOR CONSTRUCTIVE BIRTH CONTROL AND RACIAL PROGRESS, at 8.—(at the Essex Hall, Essex Street, Strand, W.C.).—Dr. Marie Stopes: "Lord Dawson's Contraceptives Bill: what has happened and what must still be done".

Thursday, April 19

CHEMICAL SOCIETY, at 8.—(at the Royal Institution, Albemarle Street, London, W.1).—The Right Hon. Lord Rutherford: "The Periodic Law of Mendeléeff and its Interpretation" (lecture to commemorate the centenary of Mendeléeff).

Friday, April 20

ROYAL INSTITUTION, at 9.—Prof. P. M. S. Blackett: "Cosmic Radiation".

ELECTRICAL ASSOCIATION FOR WOMEN, April 19–20. Ninth annual conference to be held in London.

Official Publications Received

GREAT BRITAIN AND IRELAND

An Index to Acts of Parliament and Statutory Rules and Orders affecting the Chemical Industry. (Published for the Association of British Chemical Manufacturers.) Supplement No. 3. Pp. 6. (Cambridge: W. Heffer and Sons, Ltd.) 6d.

Armstrong College: Dove Marine Laboratory, Cullercoats, Northumberland. Report for the Year ending July 31st, 1933. Pp. 53. (Cullercoats.) 5s.

Air Ministry: Aeronautical Research Committee: Reports and Memoranda. No. 1552 (T. 3344, 3367, 3390): Methods of Visualising Air Flow. By K. W. Clark. Pp. 10+18 plates. 1s. net. No. 1563 (T. 3040 and 'a'): Abstract—A Survey of the Air Currents in the Bay of Gibraltar in 1929–30. By J. H. Field and Dr. R. Warden. Pp. 3+1 plate. 6d. net. (London: H.M. Stationery Office.)

Ollscoil Na h'Eireann (The National University of Ireland.) Calendar for the Year 1933. Pp. viii+299+622+281. (Dublin.)

Report of the Marlborough College Natural History Society for the Year ending Christmas, 1933. No. 82. Pp. 120+6 plates. (Marlborough.) 3s.; to Non-Members, 5s.

Scottish Marine Biological Association. Annual Report, 1932–33. Pp. 23. (Glasgow.)

OTHER COUNTRIES

Memoirs of the Faculty of Science, Taihoku Imperial University. Vol. 10, No. 2: Mathematics No. 7: Über Flächen und Kurven, 6: Ellipnien und Eiflächen; Beiträge zur Geometrie der Kreise und Kugeln, 8. Von Sōji Matsumura. Pp. 21–70. (Tokyo: Maruzen Co. Ltd.)

U.S. Department of the Interior: Geological Survey. Bulletin 844-C: The Siuslaw Pass District, Upper Copper River Region, Alaska. By Fred H. Moffit. (Mineral Resources of Alaska, 1931.) Pp. ii+137–162+plate 2. 15 cents. Bulletin 844-D: Mineral Deposits of the Rampart and Hot Springs Districts, Alaska, by J. B. Mertie, Jr.; Placer Concentrates of the Rampart and Hot Springs Districts, by A. E. Waters, Jr. (Mineral Resources of Alaska, 1931.) Pp. iv+163–246+plates 3–5. 10 cents. Bulletin 857-A: Mineral Industry of Alaska in 1932. By Philip S. Smith. (Mineral Resources of Alaska, 1932.) Pp. ii+91. 10 cents. Bulletin 857-B: Past Placer-Gold Production from Alaska. By Philip S. Smith. (Mineral Resources of Alaska, 1932.) Pp. 93–98. 5 cents. Circular 6: Mineral-Water Supply of the Mineral Wells Area, Texas. By Samuel F. Turner. Pp. ii+9+1 plate. Professional Paper 175: Shorter Contributions to General Geology, 1932–33. Contents and Index. Pp. iv+115–117. (Washington, D.C.: Government Printing Office.) Zoologica: Scientific Contributions of the New York Zoological Society. Vol. 16, No. 4: Deep-Sea Fishes of the Bermuda Oceanographic Expeditions—Family Idiocranidae. By William Beebe. Pp. 149–241. (New York City.)

The University of Lucknow. Abstracts of Publications by Members of the University (Department of Botany), 1928–1932. Pp. 41–89. (Lucknow.)

Transactions of the Astronomical Observatory of Yale University. Vol. 10: Catalogue of the Positions and Proper Motions of 8703 Stars; Re-observation by Photography of the Astronomische Gesellschaft Zone between Declinations +20° and +25°, reduced to 1875–0 without applying Proper Motions. By Frank Schlesinger, Ida Barney and Carolyn Gesler; together with Photographic Magnitudes determined by means of the Thermoelectric Photometer, by Jan Schilt. Pp. iii+5+176. (New Haven, Conn.)

Publications of the Observatory of the University of Michigan. Vol. 5, No. 12: A Study of Class B Stellar Spectra. By Roy K. Marshall. Pp. 137–167+2 plates. (Ann Arbor, Mich.)

Publications de l'Observatoire astronomique de l'Université de Belgrade. Tome 6: Annuaire pour l'an 1934. Rédigé par V. V. Michkovitch. Pp. 112. (Beograd.)

Publikationer fra det Danske Meteorologiske Institut. Aarbøger. Isforholdene i de Arktiske Have (The State of the Ice in the Arctic Seas) 1933. Pp. 17+5 maps. (København: G. E. C. Gad.)

Journal of the Indian Institute of Science. Vol. 16A, Part 11: Studies in Bridge Formation, Part 3: The Influence of the Methyl and Carboxy-Groups in the Internal Dehydration of gem-Disubstituted Dihydroresorcinol Esters; Part 4: Tautomerism in isophorone. By P. S. Mayranathan. Pp. 113–127. 1 rupee. Vol. 16A, Part 12: Synthesis of Proteins in Plants, Part 1: Conversion of Nitrates into Protein in *Helianthus annuus*, Linn. By K. S. Varadachari. Pp. 129–138. 12 annas. Vol. 16A, Part 13: Contributions to the Study of Spike-Diseases of Sandal (*Santalum album*, Linn.), Part 15: The Role of Plant Acids in Health and Disease. By A. V. Varadaraja Iyengar. Pp. 139–152. 1 rupee. Vol. 17A, Part 1: The Thermal Dissociation of Cadmium Carbonate. By P. Y. Narayana and H. E. Watson. Pp. 6. 12 annas. Vol. 17A, Part 2: Studies in Indian Essential Oils, 5: Essential Oil from the Rhizomes of *Curcuma longa*, Linn.; 6: Essential Oil from the Rhizomes of *Acorus calamus*, Linn. By N. C. Kelkar and B. Sanjiva Rao. Pp. 7–31. 1.8 rupees. (Bangalore.)

Fiskeridirektoratets Skrifter, Serie Havundersøkelser. Report on Norwegian Fishery and Marine Investigations, Vol. 4, No. 8: Some Observations on Cod in Northern Waters—Preliminary Report. By Thor Iversen. Pp. 35. (Bergen: A. S. John Griegs Boktrykkeri.)

Dominion of Canada. Sixteenth Annual Report of the National Research Council, containing the Report of the President and Financial Statement 1932–1933. Pp. 113. (Ottawa.)

Carnegie Institution of Washington. Publication No. 440: Contributions to Paleontology—Papers concerning the Paleontology of California, Arizona and Idaho. Pp. iii+136+28 plates. (Washington, D.C.: Carnegie Institution.)

U.S. Department of Agriculture. Circular No. 305: The Boxwood Leaf Miner and its Control. By William Middleton and Floyd F. Smith. Pp. 8. 5 cents. Technical Bulletin No. 388: The Southwestern Corn Borer. By E. G. Davis, J. R. Horton, C. H. Gable, E. V. Walter and R. A. Blanchard; with Technical Descriptions by Carl Heinrich. Pp. 62. 10 cents. (Washington, D.C.: Government Printing Office.)

U.S. Department of the Interior: Geological Survey. Bulletin 846-C: The Climax Molybdenum Deposit. By B. S. Butler and J. W. Vanderwilt; with a Section on History, Production, Metallurgy and Development, by Charles W. Henderson. (Contributions to Economic Geology, 1933, Part 1.) Pp. iv+195–237+plates 23–38. 50 cents. Bulletin 858: Bibliography of North American Geology, 1931 and 1932. By John M. Nickles. Pp. ii+300. 25 cents. Circular 5: Geology of the North and South McCallum Anticlines, Jackson County, Colorado, with Special Reference to Petroleum and Carbon Dioxide. By J. C. Miller. Pp. 27+2 plates. (Washington, D.C.: Government Printing Office.)

Annual Report of the Imperial Council of Agricultural Research for the Year 1932–33. Pp. iii+61. (Delhi: Manager of Publications.) 6 annas; 8d.

CATALOGUES

The B-S Pocket Refractometer. Pp. 4. (London: Bellingham and Stanley, Ltd.)

Eastman Organic Chemicals. (List No. 25.) Pp. 112. (Rochester, N.Y.: Eastman Kodak Co.)

Medicinal Glucose (Anhydrous) Dextrose B.P. Pp. 16. Gonococcus Vaccines. Pp. 16. (Nottingham: Boots Pure Drug Co., Ltd.)