

## Forthcoming Events

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

## Monday, February 3

VICTORIA INSTITUTE, at 4.30.—Colonel A. Kenney-Herbert: "The Problem of the Great Pyramid".

ROYAL GEOGRAPHICAL SOCIETY, at 8.30.—Bradford Washburn: "The Harvard-Dartmouth Alaskan Expedition, 1932-34".

SOCIETY OF ENGINEERS, at 6.—(at the Geological Society, Burlington House, W.1).—Inaugural Meeting.  
N. Hoskins: Presidential Address.

## Wednesday, February 5

IMPERIAL COLLEGE—ROYAL SCHOOL OF MINES, at 5.30.—S. J. Wright: "The Engineer's Contribution to Agricultural Engineering" (succeeding lectures on February 12 and 19).\*

INSTITUTION OF ELECTRICAL ENGINEERS (WIRELESS SECTION), at 6.—Dr. V. K. Zworykin: "Electron Optical Systems and their Applications".

## Friday, February 7

GEOLOGISTS' ASSOCIATION, at 7.30.—(at University College, Gower Street, W.C.1).—Dr. G. B. Barbour: "The Peking Man Discoveries".

ROYAL INSTITUTION, at 9.—Prof. A. S. Eve, F.R.S.: "Northern Lights".

## Official Publications Received

## Great Britain and Ireland

Board of Education: Science Museum. Catalogue of the Watt Bicentenary Exhibition (December 1935-April 1936). Compiled by A. Stowers. Pp. 40. (London: H.M. Stationery Office.) 9d. net. [71]

Board of Trade. Statistical Abstract for the British Empire for each of the Ten Years 1925 to 1934 (Trade and Commerce Section). (Cmd. 5016.) Pp. xv+217. (London: H.M. Stationery Office.) 3s. 6d. net. [71]

Imperial Bureau of Plant Genetics. Vernalization and Phasic Developments of Plants. (Bulletin No. 17 of the Imperial Bureau of Plant Genetics: Herbage Plants and Occasional Publication of the Imperial Bureau of Plant Genetics, for Crops other than Herbage.) Pp. 152. (Aberystwyth: Imperial Bureau of Plant Genetics; Cambridge: School of Agriculture.) 10s. [91]

British Industries Fair, 1936, Olympia and White City, London, February 17th to 28th. Organised by the Department of Overseas Trade. Special Overseas Advance Edition. Pp. xvi+496+Ad. 164+Ad. xii. (London: Department of Overseas Trade.) 1s. [101]

Air Ministry: Aeronautical Research Committee: Reports and Memoranda. No. 1659 (T. 3569): Split Flaps and other Devices for facilitating Landing. By S. B. Gates. Pp. 12+13 plates. 1s. 3d. net. No. 1665 (T. 3560): Rolling and Yawing Moments on Half Wings with various Modifications of Wing Tips. By D. H. Williams. Pp. 6+14 plates. 1s. net. No. 1664 (T. 3634): Note on Boundary Layer Flow. By H. B. Squire. Pp. 12+4 plates. 9d. net. No. 1667 (Strut 242): A Distribution Method of Stress Analysis. By Prof. J. F. Baker and A. J. Ockleston. Pp. 75. 3s. 6d. net. (London: H.M. Stationery Office.) [131]

University of London Council for Psychical Investigation. Bulletin 2: A Report on Two Experimental Fire-Walks. By Harry Price. Pp. 15+20 plates. (London: University of London Council for Psychical Investigation.) 5s. net. [141]

University of Birmingham: Executive Board of Mining Research. Report on the Work of the Mining Research Laboratory during the Fifteen Months ended 31st March 1935. Pp. 21. (Birmingham: The University.) [151]

The University of Leeds: Department of Coal Gas and Fuel Industries (with Metallurgy). Report of the Livesey Professor (John W. Cobb) for the Session 1934-35. Pp. 11. (Leeds: The University.) [161]

The British Electrical and Allied Industries Research Association. Fifteenth Annual Report, October 1, 1934, to September 30, 1935. Pp. 129. (London: British Electrical and Allied Industries Research Association.) [231]

London Health Services. An Extract from the Sixteenth Annual Report of the Ministry of Health, 1934-35. Pp. 58. (London: H.M. Stationery Office.) 1s. net. [231]

ULAWS (The University of London Animal Welfare Society). Ninth Annual Report, 1st July 1934 to 30th September 1935. Pp. 32. (London: University of London Animal Welfare Society.) [231]

## Other Countries

Lac and the Indian Lac Research Institute. By Dorothy Norris, P. M. Glover and Dr. R. W. Aldis. Second edition. Pp. vi+66+15 plates. (Nankum: Indian Lac Research Institute.) 2.8 rupees. [71]

Year Book, American Amaryllis Society, 1935. Vol. 2. Dedicated to Theodore L. Mead. Pp. 162. (Winter, Fla.: Wyndham Hayward, Secretary, American Amaryllis Society.) [71]

U.S. Department of the Interior: Geological Survey. Professional Paper 178: Geology and Ore Deposits of the Montezuma Quadrangle, Colorado. By T. S. Lovering. Pp. ix+119+40 plates. 1.25 dollars. Water-Supply Paper 676: Geology and Ground-Water Resources of Atascosa and Frio Counties, Texas. By John T. Lonsdale. Pp. v+90+8 plates. 35 cents. (Washington, D.C.: Government Printing Office.) [71]

Č. Spisy vydávané přírodovědeckou fakultou, Masarykovy University. Čís. 206: A Climatic Map of Czechoslovakia according to Köppen's Classification. By Bohuslav Hrudíčka. Pp. 5+1 map. Čís. 207: Fallacies of Anthropological Identifications and Reconstructions: a Critique based on Anatomical Dissection. By Prof. V. Suk. Pp. 18. Čís. 208: K otázce baltského jara (Les remarques sur le printemps baltique). Napsal Fr. Koláček. Pp. 25. Čís. 209: Über Moraviadrilrus pygmaeus n.g.n. sp., Rhyacodrilrus falciformis Br., Ilyodrilrus bavaricus Oschm. and Bothrioneurum vejvodskyanum St. Von Seržij Hrabě. Pp. 19. Čís. 210: Über die Beziehung zwischen den physikalischen Eigenschaften der Hydrate und ihrem Wassergehalt. Von V. Rosický und J. Kokta. Pp. 17. Čís. 211: Příspěvky ku krystalografii Moravského barytu (Beiträge zur Kristallographie des mährischen Barytes.) Napsala Božena Bobková. Pp. 15. Čís. 212: Recherches sur la courbure des surfaces dans les espaces à  $n$  dimensions à courbure constante, II. Par O. Borůvka. Pp. 20. Čís. 213: Endokrine hautdrüsen von *Syndiamesa branicki* Now (Chironomida.) Von J. Zavrel. Pp. 18+1 plate. Čís. 214: Recherches sur la courbure des surfaces dans les espaces à  $n$  dimensions à courbure constante, III. Par O. Borůvka. Pp. 25. Čís. 215: Spongilitové horniny české křídly, Díl 1 (Die Spongilitischen Gesteine der böhmischen Kreide, Teil 1). Napsal Břetislav Zahálka. Pp. 22+6 plates. Čís. 216: Dynamická metoda pro měření gravitačního pole zemského (Dynamische Messmethode des gravitationserdfeldes). Napsal Josef Zahradníček. Pp. 19. Čís. 217: Spongilitové horniny české křídly, Díl 2 (Die spongilitischen Gesteine der böhmischen Kreide, Teil 2). Napsal Břetislav Zahálka. Pp. 17+2 plates. Čís. 218: Akustika měření na píšťalách metodou interferenční (Akustische Messungen an Lippenpfeifen Mittels der Interferenzmethode), napsal Tadeáš Gajdoš; Měření na Jazyčkových píšťalách (Einige Messungen an den Zungenpfeifen), napsal Josef Zák. Pp. 24. (Brno: A. Piša.) [71]

Spisy lékařské fakulty Masarykovy University. Svazek 14, Spis 132-138. Pp. 9+12+31+15+41+28+72. (Brno: A. Piša.) 30 Kč. [71]

Zprávy komise na Přírodovědecký výzkum Moravy a Slezka. Oddělení mineralogické, Č. 6: Moravská síra, její původ a nerosty s ní sdružené. Napsal Dr. Jos. Sekanina. Pp. 29. (Brno: A. Piša.) [71]

Cold Spring Harbor Symposia on Quantitative Biology. Vol. 3. Pp. xv+359. (Cold Spring Harbor, L.I.: Biological Laboratory.) [81]

Field Museum of Natural History. Geological Series, Vol. 6, No. 14: The Question of Living Bacteria in Stony Meteorites. By Sharat Kumar Roy. Pp. 179-198. (Chicago: Field Museum of Natural History.) 20 cents. [101]

Dominion of Canada: Department of Marine: Meteorological Service of Canada. Canadian Meteorological Memoirs, No. 1: The Climate of the Gulf of St. Lawrence and surrounding Regions in Canada and Newfoundland, as it affects Aviation. By W. E. Knowles Middleton. Pp. 40. (Ottawa: King's Printer.) [131]

Proceedings of the Academy of Natural Sciences of Philadelphia, Vol. 87. An Annotated List of Two Collections of Guatemalan Birds in the Academy of Natural Sciences of Philadelphia. By M. A. Carriler, Jr., and Rodolphe Meyer de Schauensee. Pp. 411-455. (Philadelphia: Academy of Natural Sciences.) [131]

Proceedings of the American Academy of Arts and Sciences. Vol. 70, No. 5: Studies in the Bromeliaceae, 6-1, Preliminary Records; 2, Synopsis of the Tribe *Tillandsiinae*, Part 2. By Lyman B. Smith. Pp. 147-220+4 plates. 1.35 dollars. Vol. 70, No. 6: An Ancient Chinese Alchemical Classic—Ko Hung on the Gold Medicine and on the Yellow and the White. The Fourth and Sixteenth Chapters of Pao-p'u-tzu translated from the Chinese by Lu-Ch'iang Wu. With an Introduction, etc., by Tenney L. Davis. Pp. 221-284. 1.25 dollars. (Boston, Mass.: American Academy of Arts and Sciences.) [131]

Zoologica. Vol. 19, No. 6: The Fishes of Union Island, Grenadines, British West Indies, with the Description of a New Species of Star-gazer. By William Beebe and Gloria Hollister. Pp. 209-224. (New York: New York Zoological Society.) [131]

New Zealand: Department of Lands and Survey. Annual Report on Public Domains and National Parks of New Zealand. Pp. 12. (Wellington: Government Printer.) 6d. [141]

Ministère de l'Éducation nationale. Enquêtes et documents relatifs à l'enseignement supérieur. 128: Rapports sur les Observatoires astronomiques de Province et les Observatoires et Instituts de Physique du Globe, Année 1932. Pp. 123. (Paris: Imprimerie Nationale.) [151]

Republique Française: Présidence du Conseil: Statistique générale de la France. Statistique du mouvement de la population. Nouvelle Série, Tome 12, Année 1932. Partie 2: Les causes de décès. Pp. xlii+287. Annuaire statistique. Vol. 50, 1934. Pp. xi+360+512. Enquêtes annexes du recensement de 1931. Enquête industrielle. Pp. 87. (Paris: Imprimerie Nationale.) [151]

Proceedings of the California Academy of Sciences, Fourth Series, Vol. 23, No. 1: Cretaceous Geology of Lower California. By Frank M. Anderson and G. Dallas Hanna. Pp. 34+11 plates. (San Francisco: California Academy of Sciences.) [171]

Publications of the Astronomical Observatory of the Warsaw University. Vol. 10: Determination of Latitude by the Method of Equal Altitudes of different Stars (Piewzow's Method) and the corresponding Star-pairs for Northern Latitudes 20°-40° and for the Epoch 1930-0. Vol. 2: Northern Latitudes 25°-30°. By Prof. M. Kamiński, with the collaboration of T. Karpowicz and L. Zeidler. Pp. 44. (Warsaw: Astronomical Observatory.) [221]