Syntheses of 4·4-diacenaphthylmethane, of 4·4-diacenaphthylketone and their oxidation derivatives. ST. KREUTZ: The vicinal faces of topaz. J. S. RUSZKOWSKI: Studies on the evolutive cycle and on the structure of marine cestodes. The evolutive cycle of Grillotia erinaceus. J. WALAS: The plant associations of 'Babia Góra'.

Dec. 5. St. BANACH : Lacunar series. J. SCHREIER : The plane sections of non-convex surfaces. JEZEWSKI: Application of the resonance method to the determination of the dielectric constants of aqueous electrolytes. The method of resonance is liable to numerous errors. The author analyses these sources of error and shows how they can be eliminated. K. DZIEWONSKI, MLLE. M. DOMINIKOWNA, L. GALUSZKOWNA and WL. MUZ: Studies in the fluorene Syntheses of hydrocarbons and ketones series. derived from 2-benzylfluorene and 2-benzoylfluorene. WL. SZAFER: A case of anomalous anatomical structure of a pine (Pinus sylvestris). F. ROGAZINSKI and Z. GLOWCZYNSKI: Experimental rickets. Rickets and weakness of the limbs in chicks. A. MOSZYNSKI: Description of a new species of oligochæte, Fridericia Stephensoni.

Forthcoming Events

Saturday, March 25

ROYAL INSTITUTION, at 3.-Developments in Cinematography: A Display of Films, (2) Colour Films.

Monday, March 27

BRITISH SCIENCE GUILD, at 2.30.—Symposium on "The Utilization of Coal". Speakers: Capt. B. Acworth, S. Lacey, Rear-Admiral W. Scott Hill and A. C. Hardy.

ROYAL GEOGRAPHICAL SOCIETY, at 5.30.-The Mount Everest Film of 1922 (Climbing Sections): also an early film on Borneo by Carl Lumholz.

Tuesday, March 28

ROYAL AERONAUTICAL SOCIETY, at 6.30.—Annual General Meeting.

Wednesday, March 29

CHEMICAL SOCIETY, at 5.30.—(Faraday Lecture at the Royal Institution, Albemarle Street, W.1).—Prof. P. Debye: "The Relations between Stereochemistry and Physics".

Thursday, March 30

CHEMICAL SOCIETY, at 4.—Annual General Meeting. Presidential Address: "The Present Position and the Future of the Chemical Society".

Friday, March 31

- ROYAL ASTRONOMICAL SOCIETY, at 4.30.—Geophysical discussion on "Wave Patterns" to be opened by Sir Gilbert Walker, followed by Dr. Rosenhead, Dr. Vaughan Cornish and Dr. Harold Jeffreys.
- INSTITUTION OF MECHANICAL ENGINEERS, at 7.---(Informal Meeting : Lantern Lecture.)-L. Ennis : "The Sydney Harbour Bridge".
- ROYAL INSTITUTION, at 9.—Sir Frederick Keeble : "The Nitrogen Hunger of the World".

Saturday, April 1

ROYAL INSTITUTION, at 3.—Developments in Cinematography: A Display of Films, (3) Films in Relation to Aeronautical Research.

Official Publications Received

GREAT BRITAIN AND IRELAND

GREAT BRITAIN AND IRELAND National Laboratory of Psychical Research. Bulletin 4: An Account of some Further Experiments with Rudi Schneider; a Minute-by-Minute Record of 27 Scances. By Harry Price. Pp. 199+ 23 plates. (London: National Laboratory of Psychical Research.) 108. net. The National Institute of Agricultural Botany. Thirteenth Report and Accounts, 1931-32. Pp. 20. (Cambridge.) The Economic Proceedings of the Royal Dublin Society. Vol. 2, No. 31: Grass Silage. By C. Boyle and J. J. Ryan. Pp. 515-528. (Dublin: Hodges, Figgis and Co.; London: Williams and Norgate, Ltd.) 6d. Proceedings of the Liverpool Geological Society, Session the Seventy-third, 1931-1932. Edited by D. A. Allan. Part 1, Vol. 16. Pp. xii+61. (Liverpool.) Journal of the Royal Statistical Society. Vol. 96, Part 1. Pp. viii+ 182. (London: Royal Statistical Society.) 78. 6d. Navy (Health), Statistical Report of the Health of the Navy for the Year 1931. Pp. 148. (London: H.M. Stationery Office.) 28. 6d. net. The Quarterly Journal of the Geological Society of London. Vol. 89, Part 1, No. 353, February 28th. Pp. 86. (London: Longmans, Green and Co., Ltd.) 7z. 6d. Economic Advisory Council. Severn Barrage Committee Report. Pp. 8. (London: H.M. Stationery Office.) 6d. net.

OTHER COUNTRIES

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