

more than the differences between the results of calculation and observation. VUAREMBON: The influence of ethyl alcohol on maltase.

November 21. A. AMSTUTZ: Preliminary note on the structure of the Pennides to the south of Aosta. E. PAREJAS: The organism of *B. de Joukowsky* and Favre. DON ZIMMET: A nickel-nitroprusside reaction for reduced glutathione. B. SUSZ and PERROTTET: The Raman spectra for the eugenol and estragol groups.

LENINGRAD

Academy of Sciences (*C.R.*, 3, No. 5; 1935). I. VINOGRADOV: New calculations of the Weyl sums. S. A. TCHOUNIKHIN: Some problems of the group theory. B. V. NUMEROV: The photographic meridian circle. L. S. LEIBENSON: The flexural centre of closed thin-walled sections. A. V. MITKEVITCH: The separation of magnetic viscosity and eddy current lag. N. A. and V. A. PREDBRAZHENSKIY: Alkaloids of the leaves of *Jaborandi* (*Pilocarpus*). (7) The splitting up of the unstable ethyl-paraconic acid (racemic pilopic acid) into optical isomers. A. E. FERSMAN: The geochemical characteristics of protocrystallisation. V. T. MALYSHEK and A. A. MALIANG: Sulphur bacteria in the 'pink' waters of the Surukhani oil-fields and their significance in the geochemistry of water. B. A. RUBIN and V. E. TRUPP: (1) Variations in keeping qualities of different varieties of vegetables, and the reasons for them. (2) Characteristics of the amylase of cabbage. N. ANNENKOVA: On *Dyspohetus pygmaeus*, Levinsen, and *Euzonus arcticus*, Griebe (Polychaeta). S. S. SMIRNOV: The occurrence of *Acartia tonsa* (Copepoda) in the Bay of Finland.

ROME

Royal National Academy of the Lincei, June 16. TH. MOTZKIN: Some characteristic properties of limited, non-convex ensembles. V. BEHNSTEIN: Observations on a theorem of Fabry. F. CONFORTO: The calculation of a particular functional for the functions which render it stationary. G. POMPILI: Algebraic surfaces with plane hyper-elliptic sections of the species $p \geq 2$. L. TOSCANO: Permutable operators with the power of a special linear operator. MARIA PASTORI: Tensors linked to a system of geodetics. G. BOZZA: Decantation of crystalline suspensions (3). Continuous cylindrical decantors. L. MAZZA: Magnetic susceptibility of mixed oxides of the rare earths: mixtures of neodymium with praseodymium or samarium (1). With mixtures of Nd_2O_3 and Sm_2O_3 , the magnetic susceptibility varies linearly with the composition. With $Pr_6O_{11}-Nd_2O_3$, however, the susceptibility is greater than that calculated additively for 0-25 per cent of Pr_6O_{11} and less for higher proportions. G. DEVOTO: The structure of antipyrin in aqueous solution. The results of measurements of the dielectric constants of antipyrin and pyramidon in aqueous solutions are not in accord with amphoteric polar formulæ for these compounds, and do not confirm the classical formulæ with double linkings. V. FAMIANT: The action of bromine on the growth and metamorphosis of the larvæ of *Bufo vulgaris*. Suitable small proportions of bromine cause the metamorphosis to begin earlier; but also render it distinctly out of adjustment. Indeed, if no corrective is applied, the life of the animal may be endangered.

Forthcoming Events

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

Sunday, December 29

BRITISH MUSEUM (NATURAL HISTORY), at 3 and 4.30.—
M. A. Phillips: "Fossil Reptiles".*

Monday, December 30

BRITISH MUSEUM (NATURAL HISTORY), at 11.30.—M.
Burton: "Microscopic Animals and Man".*

Tuesday, December 31

BRITISH PSYCHOLOGICAL SOCIETY (EDUCATION SECTION),
at 2.30.—(at University College, Gower Street, W.C.)—
Sir Philip Hartog: "Some Aspects of the Validity and
Reliability of Examinations".

Wednesday, January 1

ROYAL SOCIETY OF ARTS, at 3.—Prof. David Katz:
"Animal Intelligence" (Dr. Mann Juvenile Lectures.
Succeeding lecture on January 8).

GEOGRAPHICAL ASSOCIATION, January 1-3. Annual Con-
ference to be held at the London School of Economics,
Houghton Street, Aldwych, London, W.C.2.

J. Fairgrieve: "Can We Teach Geography Better?"
(Presidential Address).

SCIENCE MASTERS' ASSOCIATION, January 1-4. Thirty-
sixth annual meeting to be held in the Chemistry
Department, Imperial College of Science and Techno-
logy, South Kensington, London, S.W.7.

Sir William Bragg: "School Science after School"
(Presidential Address).

Official Publications Received

Great Britain and Ireland

Fire Offices' Committee. Testing Station, Boreham Wood, Elstree,
Herts. Pp. 32. (London: Fire Offices' Committee.) [312
The Scientific Proceedings of the Royal Dublin Society. Vol. 21
(N.S.), No. 27: On a Recent Bog-Flow in the County Clare. By G. F.
Mitchell. Pp. 247-251. 6d. Vol. 21 (N.S.), No. 28: The Application
of the Catalase Test to Butter. By George Cruess-Callaghan. Pp.
253-255. 6d. (Dublin: Hodges, Figgis and Co.; London: Williams
and Norgate, Ltd.) [312
Technical Publications of the International Tin Research and
Development Council. Series A, No. 23: Striations in Tin Coatings on
Copper. By Dr. Bruce Chalmers and Dr. W. D. Jones. Pp. 8. (London:
International Tin Research and Development Council.) Free. [412
The Royal Technical College, Glasgow. Annual Report on the One
Hundred and Thirty-ninth Session, adopted at the Annual Meeting of
Governors held on the 15th October 1935. Pp. 84. (Glasgow: Royal
Technical College.) [412

Other Countries

Society of Biological Chemists, India. Influence of Light on some
Biochemical Processes. By Dr. N. R. Dhar. Pp. iv+73. (Bangalore:
Indian Institute of Science.) 1 rupee. [912
Beiträge zur Erforschung der baulichen Struktur der Backenzähne
des Hausrindes (*Bos taurus* L.): Die Prämolare- und Molarenentwicklung
auf Grund röntgenologischer, histogenetischer und morphologischer
Untersuchungen: Die gegenseitigen Beziehungen der einzelnen Gebiss-
konstituenten und ihre Heranziehung zur physiologischen Leistung.
Von Max Küpfer. (Denkschriften der Schweizerischen Natur-
forschenden Gesellschaft, Band 70, Abh. 1.) Pp. ix+218+78 plates.
(Zürich: Gebrüder Fretz A.-G.) [912
The Academy of Natural Sciences of Philadelphia. Monographs,
No. 1: The Scrophulariaceae of Eastern Temperate North America.
By Francis W. Pennell. Pp. xiv+650. (Philadelphia: Academy of
Natural Sciences.) [1212
The Rockefeller Foundation: International Health Division.
Annual Report, 1934. Pp. iv+235. (New York: The Rockefeller
Foundation.) [1212
Ministry of Agriculture, Egypt: Technical and Scientific Service.
Bulletin No. 161: Sugar Cane Breeding in Egypt; a Progress
Report. By Arthur H. Rosenfeld. Pp. 21+3 plates. (Cairo: Govern-
ment Press.) 3 P.T. [1212
The Nucleus of the Atom and its Structure. (Sigma XI Symposium,
Ohio State University.) Pp. 104. (Columbus, Ohio: Ohio State
University.) 1 dollar. [1212
Thalès: recueil annuel des travaux de l'Institut d'Histoire des
Sciences et des Techniques de l'Université de Paris. Année 1, 1934.
Pp. xix+184. (Paris: Félix Alcan.) 30 francs. [1212