State of Illinois. Department of Registration and Education: Division of the Natural History Survey. Classified List of Publications available for Exchange and Distribution, including the Publications of the State Entomologist's Office and the State Laboratory of Natural History. Pp. 30. Bulletin, Vol. 18, Art. 3: Epidemic Diseases of Fruit Trees in Illinois, 1922-1928. By L. R. Tehon and Gilbert L. Stout. Pp. 411-502. Bulletin, Vol. 19, Art. 1: The Fishes of Champaign County: a Study of the Distribution and Abundance of Fishes in Small Streams. By David H. Thompson and Francis D. Hunt. Pp. 101. Bulletin, Vol. 19, Article 2: Records of Spring Migration of Birds at Urbana, Illinois, 1903-1922. By Frank Smith. Pp. 103-117. (Urbana, Ill.; State Natural History Survey.) State of Illinois. Department of Registration and Education:

Trees in Illinois, 1022-1928. By L. R. Tehon and Gilbert L. Stout.
 Po, 411-60. Bulleti, Vol. 19, Art. 1: The Fishes of Champaign County: a Study of the Distribution and Abundance of Fishes in Small Streams.
 Porvid H. Thompson and Francis D. Hunt. Pp. 100. Bulletin, Vol. 1903-1922. By Frank Smith. Pp. 103-117. (Urbana, IL): State Natural History Survey.)
 Cornell University Agricultural Experiment Station. Bulletin 507. Noto: Tracks on Naw York Farms. By C. W. Gilbert. Pp. 65. Momoir 122: Blockemistry and Biophysics of the Developing Hen's Egg. 1: Dreenoof Hundhily, Dr Ataia L, Romanolf. Pp. 7. (Urbana, K. 1997).
 Porson of New Species. By W. S. Fisher. (No. 2842) Pp. 20. Vol. 77. Art. 20: The Taxonomy and Host Relationships of the Biting Urban Schwarz, No. 1997. Corrently Urban Schwarz, No. 1997. Notes on the Rhinotragine Beetles of the Family Cerambyridae, with Descriptions of New Species. By U. S. Fisher. (No. 2842) Pp. 20. Vol. 77. Art. 20: The Taxonomy and Host Relationships of the Biting Urban. (No. 2001). Pp. 16. (Webington, D.C. Goverammet Trining Oldes.)
 Prove Genna, Subgenus and four New Species. By H. E. Ewing, C. B. C. G. (2001). Pp. 16. (Webington, D.C. Goverammet Trining Oldes.)
 Publications de l'Observatoire Astronomique de l'Université de Vielo. Pp. 16. (Webington, D.C. Nethogena, Pp. D.
 Publications de l'Observatoire Astronomique de l'Université d'area 10. 40. Pp. 14-43. Janual (2001). Physical and Chemical Research. Not. 37: 173: A Study on the Beacengic Host Magnitudes in Selected areas 1-189. Pp. 14. Physical and Chemical Research. Not. 37: 1973. A Study on the Pacengio Institution of Pataing Tool, by Makoto Okoali, Carlar and Pacense (1990). Physical and Chemical Pr. 198-297. (Tokyo: Tuwami Shoton, 17: 58-59).
 Mount Wilson Catalogue of Photographic Magnitudes in Selected Areas 1-189. Pp. 14. Physical And Chemical Pr. 198-297. (Tokyo: Tuwami Shoton, 17: 58-59).
 Mount

Mémoires du Musée Royal d'Histoire Naturelle de Belgique. Mémoire Mémoires du Musée Royal d'Histoire Naturelle de Belgique. Mémoire No. 45: Hydromedusae collected in the South-Western Part of the North Sea and in the Eastern Part of the Channel in 1903-1914. By P. L. Kramp. Pp. 55. (Bruxelles.)

No. 3190, Vol. 126]

An Album of the Groups in the Verney-Faunthorpe Hall of South Asiatic Mammals of the American Museum of Natural History. Pp. 28+24 plates. (New York City.) U.S. Department of Commerce: Bureau of Standards. Bureau of Standards Journal of Research. Vol. 5, No. 4, October. Pp. 781-972. (Washington, D.C.: Government Printing Office.) Reprint and Circular Series of the National Research Council. No. 94: Eighth Report of the Committee on Contact Catalysis. By J. C. W. Frazer. Pp. 51. 50 cents. No. 95: Doctorates conferred in the Sciences by American Universities, 1929-1930. Compiled by Callie Hull and Clarence J. West. Pp. 49. 50 cents. No. 96: Second Report of the Committee on Photochemistry. By Hugh S. Taylor. Pp. 45. 50 cents. (Washington, D.C.: National Academy of Sciences.) State of California: Division of Fish and Game. Fish Bulletin No. 23: Success of the Purse Seine Boat in the Sardine Fishery at Monterey, California (1929-1930 Fishing Season). By J. B. Phillips. Pp. 30. Free. Fish Bulletin No. 24: An Analysis of the Catch Statistics of the Striped Bass (Roccus Lineatus) Fishery of California. By J. A. Craig. Pp. 43. Free. Fish Bulletin No. 25: Fishing areas along the California Coast for the Sardine (Sardinia caerulea.) By the California State Fisheries Laboratory. Pp. 46. Free. Fish Bulletin No. 26: Seasonal Changes in the Daily Average Length of the California Braine (Sardinia caerulea.) By Frances N. Clark. Fp. 22. Free. (Terminal Island, Calif.: Cali-fornia State Fisheries Laboratory.) Annual Report of the Board of Regents of the Smithsonian Institution showing the Operations, Expenditures and Condition of the Institution for the Year ending June 30, 1929. (Publication 3034). Pp. Xiii +622+ 91 plates. (Washington, D.C.: Government Printing Office.) 1.75 dollars.

91 plates. dollars.

Diary of Societies.

FRIDAY, DECEMBER 19.

- LONDON SOCIETY (at Royal Society of Arts), at 5.—Prof. S. D. Adshead: South Essex: Its Docks, Industries, and Houses. NOETH-EAST COAST INSTITUTION OF ENGINEERS AND SHIPBUILDERS (Informal Meeting) (in Mining Institute, Newcastle-upon-Tyne), at 7.15.—E. L. Chaupness and others: Are we justified in using Steel and other Materials of Foreign Manufacture in the British Engineering Industries?
- Industries?

- Industries?
 JUNIOR INSTITUTION OF ENGINEERS (Informal Meeting), at 7.30.-W. Cullen: Well Drill Blasting.
 BRITISH ELECTRICAL DEVELOPMENT ASSOCIATION (at Royal Society of Arts), at 7.30.-R. C. Hawkins: Sales Aspects of Hotel Lighting.
 JUNIOR INSTITUTION OF ENGINEERS (at Metallurgical Club, Sheffield), at 7.30.-P. S. Devereux: Chairman's Address.
 INSTITUTE OF CHEMISTRY (London Section), at 8.-Dr. A. E. Dunstan: Gluckstein Memorial Lecture.
 ROYAL SOCIETY OF MEDICINE (Electro-Therapeutics and Comparative Medicine Sections), at 8.30.-Major A. A. Pryer, Dr. R. W. A. Salmond, Lieut.-Col. E. Middleton Perry, Dr. J. B. King, and others: Discussion on A Comparison of Radiological Problems in Man and Animals.
 SOCIETY OF DYERS AND COLOURISTS (London Section).-Dr. Callan: Emulsifying Agents, Textile Assistants, and Finishing Materials: their Examination and Valuation.

MONDAY, DECEMBER 22.

INSTITUTION OF AUTOMOBILE ENGINEERS (Glasgow Centre) (at 39 Elm-bank Crescent, Glasgow), at 7.30.-Dr. H. E. Merritt: Trends in the Transmission.

PUBLIC LECTURE.

FRIDAY, DECEMBER 19.

SOCIETY OF CHEMICAL INDUSTRY (South Wales Section) (at Technical College, Cardiff), at 7.30.-J. Pryde: Human Engines.

CONFERENCE.

DECEMBER 19 AND 20.

SOCIETY FOR EXPERIMENTAL BIOLOGY (at Bedford College). Friday, Dec. 19, 10 A.M. to 1.—Dr. M. C. Rayner: Observations on Armillaria mellea in Pure Culture with Certain Conifers.

- Armitiaria meetra in Fure Culture with Certain Conners. J. G. Boswell: The Effect of Nitrogen Compounds on the Botanical Composition of Grass. Dr. W. H. Pearsall: Changes in the Constitution of Beta Leaves
- during Growth. Dr. E. D. Adrian: The Activity of Isolated Nerves and Nerve Cells. H. O. Bull : Conditioned Responses and Salmon Smolts. 2.15 to 4.-Dr. C. M. Yonge: The Relationship between Corals and
- - Zooxanthellæ.

- 200xantheme. Dr. T. A. Stephenson: The Growth of Corals. E. Hindle: Thermophilous Organisms. W. H. Thorpe: Experiments on the Biology of the Petroleum Fly, *Psiloga petrolis.* 5.30 to 6.30. E. Charles: Metabolic Changes associated with Fituitary Activity
- Activity
- E. A. Spaul: Internal Secretions and Metamorphosis.
- E. A. Spaul: Internal Secretions and Metamorphosis.
 Saturday, Dec. 20, 10 A.M. to 1.--Symposium on the Permeability of Protoplasmic Membranes.
 Prof. L. T. Hogben: Electrical Conductivity and the Permeability of Animal and Plant Tissues.
 Prof. A. V. Hill: The Steady State across Biological Membranes.
 A. D. Hobson: Changes in the Sea. Urchin Egg following Fertilisation.
 R. J. Pumphrey: Electrical Potentials across the Membranes of the Theory Theorem Theo

 - Trout Egg. C. F. A. Pantin: Surface Permeability and the Evolution of the Blood Serum.