

proportion of the antiseptic was increased in successive cultures. The bacteria adapted themselves to increasing amounts of the poison, and attained a maximum resisting power, followed by a rapid fall, losing the whole of the acquired resistance. The tolerance was thus shown to be a temporary phenomenon, an example of the resistance of the species to variation.

CALCUTTA.

Asiatic Society of Bengal, January 5.—Hem Chandra **Das-Gupta**: A probable identity between *Clypeaster complanatus*, Duncan and Sladen, and *C. duncanensis*, Noetling. The author gives reasons for thinking that *C. duncanensis*, Noetl., was founded on large specimens of *C. complanatus*, Duncan and Sladen.—I. H. **Burkill**: Fashion in iron styles. A paper to show that the iron styles used in India for writing on palm leaves are of different types in different parts of the country. The iron styles of the extreme south-west are heavy; those of the centre of the Coromandel coast are peculiarly long and generally light; those of Orissa are quite characteristic; the type which is like a clasp-knife is confined to the south. The paper is a supplement to the account of Indian pens published recently in the Agricultural Ledger, No. 6, of 1908-9.

DIARY OF SOCIETIES.

THURSDAY, JANUARY 27.

ROYAL SOCIETY, at 4.30.—Long Period Determination of the Rate of Production of Helium from Radium: Sir James Dewar, F.R.S.—Note on Carbon Mono-sulphide: Sir James Dewar, F.R.S., and Dr. H. O. Jones.—On the Extinction of Colour by Reduction of Luminosity: Sir William de W. Abney, K.C.B., F.R.S.—The Initial Accelerated Motion of Electrified Systems of Finite Extent, and the Reaction produced by the Resulting Radiation: G. W. Walker.—On the Nature of the Magnetocathodic Rays: H. Thirkill.—On the Velocity of Steady Fall of Spherical Particles through a Fluid Medium: E. Cunningham.—The Photo-chemical Formation of Formaldehyde in Green Plants:—Dr. S. B. Schryver.

ROYAL INSTITUTION, at 3.—Assyriology: Rev. C. H. W. Johns.

INSTITUTION OF ELECTRICAL ENGINEERS, at 8.—Equitable Charges for Tramway Supply: H. E. Yerbury.

FRIDAY, JANUARY 28.

INSTITUTION OF CIVIL ENGINEERS, at 8.—Some Uses of Mechanical Power in Engineering Construction: H. F. Donaldson.

SATURDAY, JANUARY 29.

ESSEX FIELD CLUB (at Essex Museum of Natural History, Stratford), at 6.—Trawl Fishing in the North Sea: S. H. Goodchild.

MONDAY, JANUARY 31.

ROYAL SOCIETY OF ARTS, at 8.—Textile Ornamentation: Alan S. Cole, C.B.

INSTITUTE OF ACTUARIES, at 5.—Some Points of Interest in the Operations of Friendly Societies, Railway Benefit Societies, and Collecting Societies: A. W. Watson.

TUESDAY, FEBRUARY 1.

ROYAL INSTITUTION, at 3.—The Cultivation of the Sea: Prof. W. A. Herdman, F.R.S.

ROYAL SOCIETY OF ARTS, at 4.30.—Imperial Colonial Development: C. Reginald Enoch.

ZOOLOGICAL SOCIETY, at 8.30.—On a Collection of Freshwater Crustacea from the Transvaal: Hon. Paul A. Methuen.—(1) Littoral Marine Fauna: Kerimba Archipelago, Portuguese East Africa, collected by J. J. Simpson. Sept., 1907, to May, 1908. Holothurioidea; (2) Marine Fauna: Mergui Archipelago, Lower Burma, collected by J. J. Simpson and R. N. Rudnose-Brown. Holothurioidea: Dr. Joseph Pearson.—A Revision of the British Species of Ostracoda belonging to the Sub-families Candoninæ and Herpetocyphridinæ: Dr. G. Stewardson Brady.

INSTITUTION OF CIVIL ENGINEERS, at 8.—Further discussion: The Reconstruction of the Tyne North Pier: I. C. Barling.—Probable Papers: Notes on the Sheffield Water-supply and Statistics relating thereto: L. S. M. Marsh.—Statistical and Experimental Data on Filtration: W. R. Baldwin-Wiseman.

WEDNESDAY, FEBRUARY 2.

ROYAL SOCIETY OF ARTS, at 8.—An Improved Method of Electro-plating: A. Rosenberg.

SOCIETY OF PUBLIC ANALYSTS, at 8.—Annual Meeting, Presidents' Address.—The Composition and Analysis of Tea: R. R. Tatlock and

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R. T. Thomson.—The Examination of Turpentine Substitutes, and the Determination in Turpentine of Hydro-carbons other than Terpenes: J. H. Coste.—The Determination of the Acid Radical, and its Relation to the Constitution of Commercial Bismuth Subnitrate: J. Bristowe P. Harrison.—On Sheep Dips: J. S. Remington.

ENTOMOLOGICAL SOCIETY, at 8.—A Revision of the Labiduridæ, a Family of the Dermaptera: Dr. Malcolm Burr.

THURSDAY FEBRUARY 3.

ROYAL SOCIETY, at 4.30.—Probable Papers: On the Relative Sizes of the Organs of Rats and Mice bearing Malignant New Growths: Dr. F. Medigreceanu.—The Thyroid and Parathyroid Glands throughout Vertebrates: F. D. Thompson.—The Transmission of *Trypanosoma lewisi* by the Rat-flea (*Ceratophyllus fasciatus*): Prof. E. A. Minchin and J. D. Thomson.—Further Evidence of the Homogeneity of the Resistance to the Implantation of Malignant New Growths: Dr. E. F. Bashford and Dr. B. R. G. Russell; The Contrast in the Reaction to the Implantation of Cancer after the Inoculation of Living and Mechanically Disintegrated Cells: Dr. M. Haaland.

RÖNTGEN SOCIETY, at 8.15.—The Essential Ambiguity of X-ray Representation, and some Methods of Solution: Dr. W. Cotton.

LINNEAN SOCIETY, at 8.—Further Discussion of the Origin of Vertebrates: Dr. A. Smith Woodward, F.R.S., Prof. A. Dendy, F.R.S., and other speakers, with Dr. Gaskell's reply.

FRIDAY, FEBRUARY 4.

ROYAL INSTITUTION, at 9.—The Heredity of Sex: Prof. W. Bateson, F.R.S.

INSTITUTION OF CIVIL ENGINEERS, at 8.—The Construction and Setting-out of a Low-level Sewer: L. T. Wilson.

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