

INDEX TO VOL. CX. (B)

- Adler (S.) and Theodor (O.) Investigations on Mediterranean Kala Azar, VI., 402.
- Allanson (M.) The Reproductive Processes of Certain Mammals, III, 295.
- Ashley (J. N.) See Browning and others.
- Bacteria radicolosa infection in relation to the microchemistry of host's cell walls (McCoy), 514.
- Baker (J. R.) and Ranson (R. M.) Factors affecting the Breeding of the Field Mouse (*Microtus agrestis*), I, 313.
- Baldwin (E.) See Needham and others.
- Barcroft (J.) See Lemberg and Barcroft.
- Bilirubin, relationship to a pigment of sweat and urine of sheep (Rimington and Stewart), 75.
- Bissonnette (T. H.) Modification of Mammalian Sexual Cycles; Reactions of Ferrets (*Putorius vulgaris*) of both Sexes to Electric Light added after dark in November and December, 322.
- Browning (C. H.), Cohen, (J. B.), Cooper (K. E.) and Gulbransen (R.) The Trypanocidal Action of some Derivatives of Anil and Styryl Quinolines, 372.
- Browning (C. H.), Cohen (J. B.), Ashley (J. N.) and Gulbransen (R.) The Antiseptic and Trypanocidal Action of certain Styryl and Anil Quinoline Carboxylamides, 249.
- Carbohydrate metabolism, nervous control (Donhoffer and MacLeod), 125, 141, and 158.
- Carbohydrate metabolism in birds (Gavrilescu and others), 431.
- Chambers (R.) and Hale (H. P.) The Formation of Ice in Protoplasm, 336.
- Chambers (R.) and Ludford (R. J.) Intracellular Hydrion Concentration Studies, V, 120.
- Cohen (J. B.) See Browning and others.
- Cooper (K. E.) See Browning and others, 372.
- Cunningham (J. T.) and Reid (D. M.) Experimental Researches on the Emission of Oxygen by the Pelvic Filaments of the Male Lepidosiren with some Experiments on *Symphbranchus marmoratus*, 234.
- Daly (I. de B.) and von Euler (V.) The Functional Activity of the Vasomotor Nerves to the Lungs in the Dog, 92.
- Darwin (F.) Obituary, i.
- Diseases of mosaic type, analysis and synthesis, in the potato (Salaman), 186.
- Dixon (W. E.) Obituary, xxix.
- Donhoffer (C.) and Macleod (J. J. R.) Studies in the Nervous Control of Carbohydrate Metabolism, I, II and III, 125, 141 and 158.
- Eccles (J. C.) and Hoff (H. E.) The Rhythmic Discharge of Motoneurones, 483.
- Erythrocytes in herring (John), 112.
- Euler (V. von) See Daly and von Euler.
- Ferret, reproductive cycle of male (Allanson), 295.
- Field mouse, factors affecting breeding (Baker and Ranson), 313.
- Gavrilescu (N.), Meiklejohn (A. P.), Passmore (R.) and Peters (R. A.) Carbohydrate Metabolism in Birds. The site of the Biochemical Lesion in Avian Polyneuritis, 431.
- Gulbransen (R.) See Browning and others.

- Hæmolysis, kinetics (Ponder), 1, 18.
- Hale (H. P.) *See* Chambers and Hale.
- Herring, origin of Erythrocytes (John), 112.
- Hill (M.) and Parkes (A. S.) The Relation between the Anterior Pituitary Body and the Gonads, IV, 180.
- Hoff (H. E.) *See* Eccles and Hoff.
- Hughes (A. W. McK.) Induced Melanism in Lepidoptera, 378.
- Hydron concentration studies, intracellular (Chambers and Ludford), 120.
- Hydrogen ion regulating power and equivalents of ovalbumin (Prideaux and Woods), 353.
- John (C. C.) The Origin of Erythrocytes in Herring (*Clupea harengus*), 112.
- Kala azar investigations, Mediterranean (Adler and Theodor), 402.
- Kinetics of simple hæmolysis (Ponder) 1, 18.
- Leishmaniasis, canine visceral (Adler and Theodor), 402.
- Lemberg (R.) and Barcroft (J.) Uteroverdin, the Green Pigment of the Dog's Placenta, 362.
- Lepidoptera, induced melanism, (Hughes) 378.
- Lepidosiren, emission of oxygen by pelvic filaments (Cunningham and Reid), 234.
- Ludford (R. J.) *See* Chambers and Ludford.
- M·Intosh (W. C.) Obituary, xxiv.
- Macleod (J. J. R.) *See* Donhoffer and Macleod.
- McCoy (Elizabeth) Infection by Bact. Radicicola in Relation to the Microchemistry of the Host's Cell Walls, 514.
- Meiklejohn (A. P.) *See* Gavrilesco and others.
- Melanism, induced, in lepidoptera (Hughes), 378.
- Metabolism, carbohydrate, nervous control (Donhoffer and Macleod) 125, 141 and 158.
- Metabolism, carbohydrate, in birds (Gavrilesco and others), 431.
- Metabolism of the chick embryo (Needham), 46.
- Moppett (W.) The Differential Action of X-rays in Relation to Tissue Growth and Vitality. VI, 172.
- Motoneurones, rhythmic discharge (Eccles and Hoff), 483.
- Myotatic reflexes in sympathectomised muscle (Phillips), 412.
- Needham (D. M.), Needham (J.), Baldwin (E.) and Yudkin (J.) A Comparative Study of the Phosphagens, with some Remarks on the Origin of Vertebrates, 260.
- Needham (J.) On the True Metabolic Rate of the Chick Embryo and the Respiration of its Membranes, 46.
- Needham (J.) *See also* Needham and others.
- Obituary Notices :—
- | | |
|-------------------------------------|---------------------------------|
| Darwin, Francis, i. | Dixon, Walter Ernest, xxix. |
| Schryver, Samuel Barnett, xxii. | Towle, Francis Alexander, xxxi. |
| M·Intosh, William Carmichael, xxiv. | |
- Ovalbumin, combination curves (Prideaux and Woods), 353.
- Ovulation, induction during pregnancy and its effect on the foetuses (Hill and Parkes), 180.
- Parkes (A. S.) *See* Hill and Parkes.
- Passmore (R.) *See* Gavrilesco and others.
- Peters (R. A.) *See* Gavrilesco and others.

- Phillips (G.) Myotatic Reflexes in Sympathectomised Muscle, 412.
- Phosphagens studies, with some remarks on the origin of vertebrates (Needham and others), 260.
- Pigment in sweat and urine of sheep (Rimington and Stewart), 75.
- Pituitary body, anterior, relation between gonads, IV (Hill and Parkes), 180.
- Polyneuritis, avian (Gavrilescu and others), 431.
- Ponder (E.) On certain Correction Terms Required in the Equations for the Kinetics of Simple Hæmolysis, I. The Kinetics of Hæmolysis in Amboceptor-complement Systems, 18.
- Prideaux (E. B. R.) and Woods (D. E.) The Combination Curves, Hydrogen Ion Regulating Power and Equivalents of Ovalbumin, 353.
- Protoplasm, formation of ice in (Chambers and Hale), 336.
- Quinoline carboxylamides, styryl and anil, antiseptic and trypanocidal action (Browning and others), 249.
- Quinolines, anil and styryl derivatives, trypanocidal action (Browning and others), 372.
- Radiation, effect on tissue cultures (Spear), 224.
- Ranson (R. M.) See Baker and Ranson.
- Reid (D. M.) See Cunningham and Reid.
- Reproductive processes of certain mammals (Allanson), 295.
- Rimington (C.) and Stewart (A. M.) A Pigment Present in the Sweat and Urine of Certain Sheep. Its Isolation, Properties and Relationship to Bilirubin and the Metabolism of Hæmoglobin generally, 75.
- Roaf (H. E.) The Influence of Coloured Surrounds and Coloured Backgrounds on Visual Thresholds, 448.
- Salaman (R. N.) The Analysis and Synthesis of Some Diseases of the Mosaic Type. The Problem of Carriers and Auto-infection in the Potato, 186.
- Schryver (S. B.) Obituary, xxii.
- Sexual cycles, modification of mammalian (Bissonnette), 322.
- Spear (F. G.) The Effect of Spaced Radiation on Tissue Cultures *in vitro*, 224.
- Stewart (A. M.) See Rimington and Stewart.
- Theodor (O.) See Adler and Theodor.
- Towle (F. A.) Obituary, xxxi.
- Uteroverdin, the green pigment of the dog's placenta (Lemberg and Barcroft), 362.
- Vasomotor nerves, functional activity (Daly and von Euler), 92.
- Vertebrates, some remarks on the origin (Needham and others), 260.
- Visual thresholds, influence of coloured surrounds (Roaf), 448.
- Woods (D. E.) See Prideaux and Woods.
- X-Rays, differential action on tissue growth and vitality (Moppett), 172.
- Yudkin (J.) See Needham and others.