

INDEX TO VOL. LXXX. (B)

- Address of the President (Lord Rayleigh), 1907, 71.
Adrenal cortex, action of (Shattock and Seligmann), 473.
Anaspididæ, habits and structure of (Smith), 465.
Arber (E. A. N.) and Thomas (H. H.) On the Structure of *Sigillaria scutellata*, Brongn., and other Eusigillarian Stems, in Comparison with those of other Palæozoic Lycopods, 148.
Armstrong (H. E.) and Glover (W. H.) Studies on Enzyme Action. XI.—Hydrolysis of Raffinose by Acids and Enzymes, 312.
Armstrong (H. E.) and (E. F.), and Horton (E.) Studies on Enzyme Action. XII.—The Enzymes of Emulsin, 321.
Ashworth (J. H.) The Giant Nerve Cells and Fibres of *Halla parthenopeia*, 463.
Auer (J.) See Meltzer and Auer.
- Bacteria and oxidation of amorphous carbon (Potter), 239.
Bardswell (N. D.) and Chapman (J. E.) Dietetics in Tuberculosis: Principles and Economics, 151.
Barometric pressure, increased, influence of, on man (Hill and Greenwood), 12.
Bateman (H. R.) See Bruce and Bateman, and Plimmer and Bateman.
Bayliss (W. M.) On Reciprocal Innervation in Vaso-motor Reflexes and the Action of Strychnine and of Chloroform thereon, 339.
Beevor (C. E.) On the Distribution of the Different Arteries supplying the Human Brain, 25.
Blood from diseases in man, hæm-agglutinins, etc., in (Dudgeon), 531.
Brain, human, distribution of arteries supplying (Beevor), 25.
Brandis (Sir D.) Obituary notice of, iii.
Breinl (A.) See Moore and Breinl.
Broadbent (Sir W. H.) Obituary notice of, vii.
Bruce (D.) and Bateman (H. R.) Have Trypanosomes an Ultra-microscopical Stage in their Life-history? 394.
- Calcium and magnesium, antagonistic action of, in animal body (Meltzer and Auer), 260.
Cancer, secretion of hydrochloric acid in gastric contents in (Copeman and Hake), 444.
Carbon dioxide, extracellular photosynthesis of, by chlorophyll (Ewart), 30.
Cerebral cortex of lemur, cell lamination of (Mott and Kelley), 488.
Chapman (H. G.) See Welsh and Chapman.
Chapman (J. E.) See Bardswell and Chapman.
Chloroform, action on vaso-motor reflexes (Bayliss), 339.
Chlorophyll, supposed extracellular photosynthesis of carbon dioxide by (Ewart), 30.
Cholesterol, origin and destiny of, in animal organism (Dorée and Gardner), 212.
Copeman (S. M.) and Hake (H. W.) A Study of the Variations in the Secretion of Hydrochloric Acid in the Gastric Contents of Mice and Rats as compared with the Human Subject, in Cancer, 444.
Cramer (W.) See Lochhead and Cramer.
Croonian Lecture (Retzius), 414.
Crustacea, fresh-water, from Tasmania (Smith), 465.

- Dally (J. F. H.) A Contribution to the Study of the Mechanism of Respiration, with especial Reference to the Action of the Vertebral Column and Diaphragm, 182.
- Darbishire (A. D.) On the Result of Crossing Round with Wrinkled Peas, with especial Reference to their Starch Grains, 122.
- Decompression effects on man, relation to age and body weight (Hill and Greenwood), 12.
- Diphtheria Antitoxin (Mellanby), 399.
- Dorée (C.) and Gardner (J. A.) The Origin and Destiny of Cholesterol in the Animal Organism. Part I.—On the so-called Hippocoprosterol, 212.
- Dudgeon (L. S.) On the Presence of Hæm-agglutinins, Hæm-opsonins, and Hæmolysins in the Blood obtained from Infectious and Non-infectious Diseases in Man (Preliminary Report), 531 ; — See Shattock and Dudgeon.
- Edington (A.) Preliminary Note on the Occurrence of a New Variety of Trypanosomiasis on the Island of Zanzibar, 545.
- Edkins (J. S.) and Tweedy (M.) The Natural Mechanism for evoking the Chemical Secretion of the Stomach (Preliminary Communication), 529.
- Embryo, nutrition of (Emrys-Roberts), 332.
- Emrys-Roberts (E.) A further Note on the Nutrition of the Early Embryo: with Special Reference to the Chick, 332.
- Emulsin, enzymes of (Armstrong and others), 321.
- Enzyme action, studies on (Armstrong and Glover), 312 ; — (Armstrong and others), 321.
- Evans (Sir J.) Obituary notice of, 1.
- Ewart (A. J.) On the Supposed Extracellular Photosynthesis of Carbon Dioxide by Chlorophyll, 30.
- Eye colour in man, inheritance of (Hurst), 85.
- Fayrer (Sir J.) Obituary notice of, lxvi.
- Ferment of yeast-juice (Harden and Young), 299.
- Foster (Sir M.) Obituary notice of, lxxi.
- Gairdner (W. T.) Obituary notice of, xi.
- Gamgee (A.) On Methods for the Continuous (Photographic) and the Quasi-continuous Registration of the Diurnal Curve of the Temperature of the Animal Body, 550.
- Gardner (J. A.) See Dorée and Gardner.
- Gimingham (C. T.) See Hall, Miller, and Gimingham.
- Glover (W. H.) See Armstrong and Glover.
- Glycogenic changes in placenta and fœtus of rabbit (Lochhead and Cramer), 263.
- Gray (A. A.) An Investigation on the Anatomical Structure and Relationships of the Labyrinth in the Reptile, the Bird, and the Mammal, 507.
- Greenwood (M., jun.) See Hill and Greenwood.
- Hæm-agglutinins, etc., in blood from diseases in man (Dudgeon), 531.
- Hake (H. W.) See Copeman and Hake.
- Hall (A. D.), Miller (N. H. J.), and Gimingham (C. T.) Nitrification in Acid Soils, 196.
- Halla parthenopeia*, giant nerve cells and fibres of (Ashworth), 463.
- Halliburton (W. D.) See Mott and Halliburton.
- Harden (A.) and Young (W. J.) The Alcoholic Ferment of Yeast-juice. Part III.—The Function of Phosphates in the Fermentation of Glucose by Yeast-juice, 299.
- Harris (D. F.) On the Occurrence of Post-tetanic Tremor in Several Types of Muscle, 37 ; — Post-tetanic Tremor (Supplementary Note), 262.

- Hereditary transmission of self-black and "Irish" coat characters in rats (Mudge), 97 ;
 — of albino-character, etc. (Mudge), 388.
- Hill (L.) and Greenwood (M., jun.) The Influence of Increased Barometric Pressure on Man. No. 4.—The Relation of Age and Body Weight to Decompression Effects, 12.
- Hippocoprosterol (Dorée and Gardner), 212.
- Horton (E.) See Armstrong (H. E.), etc.
- Hurst (C. C.) On the Inheritance of Eye-colour in Man, 85.
- Hydrochloric acid in gastric contents in cancer (Copeman and Hake), 444.
- Inheritance of eye-colour in man (Hurst), 85.
- Innervation, reciprocal, of antagonistic muscles (Sherrington), 53, 552, 565 ; — — in vaso-motor reflexes (Bayliss), 339.
- Kelley (A. M.) See Mott and Kelley.
- Labyrinth in reptile, bird, and mammal, anatomical relationships of (Gray), 507.
- Ledingham (J. C. G.) The Influence of Temperature on Phagocytosis, 188.
- Lemur's brain, localisation of function in (Mott and Halliburton), 136 ; — cell lamination of cerebral cortex of (Mott and Kelley), 488.
- Lochhead (J.) and Cramer (W.) The Glycogenic Changes in the Placenta and the Fœtus of the Pregnant Rabbit : a Contribution to the Chemistry of Growth, 263.
- Lycopods, paleozoic, structure of stems of (Arber and Thomas), 148.
- Mellanby (J.) Diphtheria Antitoxin, 399.
- Meltzer (S. J.) and Auer (J.) The Antagonistic Action of Calcium upon the Inhibitory Effect of Magnesium, 260.
- Miller (N. H. J.) See Hall, Miller, and Gimingham.
- Moore (J. E. S.) and Breinl (A.) The Life-history of *Trypanosoma equiperdum*, 288 ;
 — and Tozer (F.) On the Maturation of the Ovum in the Guinea-pig, 285.
- Mott (F. W.) and Halliburton (W. D.) Localisation of Function in the Lemur's Brain, 136 ; — and Kelley (A. M.) Complete Survey of the Cell Lamination of the Cerebral Cortex of the Lemur, 488.
- Mudge (G. P.) On some Features in the Hereditary Transmission of the Self-black and the "Irish" Coat Characters in Rats.—Paper I, 97 ; — On some Features in the Hereditary Transmission of the Albino Character and the Black Piebald Coat in Rats.—Paper II, 388.
- Muscle, post-tetanic tremor in several types of (Harris), 37.
- Muscles, antagonistic, reciprocal innervation of (Sherrington), 53.
- Neandertal race, cranial and facial characters of (Sollas), 28.
- Nerve cells, giant, and fibres of Halla (Ashworth), 463.
- Nervous system, minute structure of (Retzius), 414.
- Newton (A.) Obituary notice of, xlv.
- Nitrification in acid soils (Hall and others), 196.
- Nutrition of embryo in chick (Emrys-Roberts), 332.
- Obituary notices of Fellows deceased :
- | | |
|-----------------------------|-------------------------|
| Brandis (Sir D.), iii. | Newton (A.), xlv. |
| Broadbent (Sir W. H.), vii. | Sorby (H. C.), lvi. |
| Evans (Sir J.), l. | Stewart (C.), lxxxii. |
| Fayrer (Sir J.), lxxvi. | Tristram (H. B.), xlii. |
| Foster (Sir M.), lxxi. | Warington (R.), xv. |
| Gairdner (W. T.), xi. | Weldon (W. F. R.), xxv. |

