

INDEX TO VOL. CXVI (B)

- Adler (S.) and Theodor (O.) Investigations on Mediterranean Kala Azar. VII—
Further observations on canine visceral Leishmaniasis, 494.
- Adler (S.) and Theodor (O.) Investigations on Mediterranean Kala Azar. VIII—
Further observations on Mediterranean sandflies, 505.
- Adler (S.) and Theodor (O.) Investigations on Mediterranean Kala Azar. IX—
Feeding experiments with *Phlebotomus perniciosus* and other species on animals
infected with *Leishmania infantum*, 516.
- Adler (S.) and Theodor (O.) Investigations on Mediterranean Kala Azar. X—
A note on *Trypanosoma platydictyli* and *Leishmania tarentolæ*, 543.
- Allanson (M.) and Deanesly (R.) The reaction of anæstrous hedgehogs to experimen-
tal conditions, 170.
- Bastow (S. H.) See Bowden and Bastow.
- Bawden (F. C.) Studies on a virus causing foliar necrosis of the potato, 375.
- Birds, hypophysectomy, II and III (Hill and others), 208, 221.
- Blyth (J. S. S.) See Greenwood and Blyth.
- Bowden (F. P.) and Bastow (S. H.) Physico-chemical studies of complex organic
molecules. III—Surface properties of concentrates of vitamin A, 27.
- Canti (R. G.) See Fell and Canti.
- Cell permeability, effect of salts as shown by studies of milk secretion (Folley and
Peskest), 396.
- Corkill (A. B.) See Hill and others.
- Corpora lutea, structure and origin in some of the lower vertebrata (Cunningham and
Smart), 258.
- Crawford (B. H.) See Stiles and Crawford.
- Cunningham (J. T.) and Smart (W. A. M.) Structure and origin of corpora lutea
in some of the lower vertebrata, 258.
- Deanesly (R.) See Allanson and Deanesly.
- Dent (K. W.) See Leach and Dent.
- Ergosterol, irradiated, relation of the parathyroid glands to action (Taylor and
others), 10.
- Fell (H. B.) and Canti (R. G.) Experiments on the development *in vitro* of the avian
knee-joint, 316.
- Fibrillation in chick embryo heart *in vitro*, I and II (Murray), 434, 452.
- Folley (S. J.) and Peskest (G. L.) Effect of salts on cell permeability as shown by
studies of milk secretion—(continued), 396.
- Gage (F. H.) Experimental investigation of the measurability of auditory sensation,
103.
- Gage (F. H.) Experimental investigation of the measurability of visual sensation,
123.
- Glands, parathyroid, relation to the action of irradiated ergosterol (Taylor and
others), 10.

- Greenwood (A. W.) and Blyth (J. S. S.) Biological methods of diagnosing equine pregnancy, II—The Capon test, 247.
- Hedgehogs, anæstrosus, reaction to experimental conditions (Allanson and Deanesly), 170.
- Heparin and blood coagulation (Mellanby), 1.
- Hill (A. V.) Discussion on methods of measuring and factors determining the speed of chemical reactions, 185.
- Hill (R. T.), Corkill (A. B.) and Parkes (A. S.) Hypophysectomy of birds. II—General effects of hypophysectomy of fowls, 208.
- Hill (R. T.) and Parkes (A. S.) Hypophysectomy of birds. III—Effects of gonads, accessory organs and head furnishings, 221.
- Hopkins (Sir F. Gowland) Anniversary address, 403.
- Hypophysectomy of birds, II and III (Hill and others), 208, 221.
- Insects, site of loss of water (Mellanby), 139.
- Kala Azar, Mediterranean, investigations, VII, VIII, IX and X, (Adler and Theodor), 494, 505, 516, 543.
- Knee-joint, avian, experiments on the development *in vitro* (Fell and Canti), 316.
- Leach (W.) and Dent (K. W.) Researches on plant respirations, III—The relationship between the respiration in air and in nitrogen of certain seeds during germination (a) seeds in which fats constitute the chief food reserve, 150.
- Liminal brightness increment for white light for different conditions of the foveal and parafoveal retina (Stiles and Crawford), 55.
- Lysins, absorption at cell interfaces (Ponder), 282.
- Mellanby (J.) Heparin and blood coagulation, 1.
- Mellanby (K.) Site of loss of water from insects, 139.
- Miller (W. C.) Biological methods of diagnosing equine pregnancy. I—The mouse test, 237.
- Murray (P. D. F.) Fibrillation in the chick embryo heart *in vitro*. I—The effects of excess potassium, calcium, magnesium, and sodium, and of high and low osmotic pressures, 434.
- Murray (P. D. F.) Fibrillation in the chick embryo heart *in vitro*. II—The character and mechanism of the fibrillation, 452.
- Muscle fibre, striated, observations of structure (Tiegs), 38.
- Muscle, skeletal, function of sympathetic nerves in relation to (Tiegs), 351.
- Necrosis, foliar, of potato, studies on virus causing (Bawden), 375.
- Nerves, sympathetic, function in relation to skeletal muscle (Tiegs), 351.
- Oakley (K. P.) Phosphatic calculi in Silurian polyzoa, 296.
- Organic molecules, complex physico-chemical studies. III—(Bowden and Bastow), 27.
- Parkes (A. S.) *See* Hill and others.
- Peskett (G. L.) *See* Folley and Peskett.
- Polyzoa, Silurian, phosphatic calculi (Oakley), 296.
- Ponder (E.) Absorption of simple lysins at cell interfaces, 282.
- Prankerd (T. L.) Studies in the geotropism of the pteridophyta. V—Some effects of temperature on growth and geotropism in *Asplenium bulbiferum*, 479.

- Pregnancy, equine, biological methods of diagnosing, 237, 247.
Presidential address (Hopkins), 403.
Pteridophyta, geotropism, V (Prankerd), 479.
- Reactions, chemical, discussion on speed, 185.
Respiration, plant, researches. III (Leach and Dent), 150.
Retina, foveal and parafoveal, liminal brightness increment for white light for different conditions (Stiles and Crawford) 55.
- Sensation, auditory, measurability (Gage), 103.
Sensation, visual, measurability (Gage), 123.
Skeletal muscle, function of sympathetic nerves in relation to (Tiegs), 351.
Smart (W. A. M.) *See* Cunningham and Smart.
Stiles (W. S.) and Crawford (B. H.) Liminal brightness increment for white light for different conditions of the foveal and parafoveal retina, 55.
Sykes (J. F.) *See* Taylor and others.
- Taylor (N. B.), Weld (C. B.) and Sykes (J. F.) Relation of the parathyroid glands to the action of irradiated ergosterol, 10.
Theodor (O.) *See* Adler and Theodor.
Tiegs (O. W.) Observations on the structure of striated muscle fibre, 38.
Tiegs (O. W.) Function of sympathetic nerves in relation to skeletal muscle—Evidence for humoral action, 351.
- Vitamin A, surface properties of concentrates (Bowden and Bastow), 27.
Weld (C. B.) *See* Taylor and others.

