

INDEX OF SUBJECTS

- A**
- Absorption from the rumen:**
 Mechanism of, as exemplified by the behaviour of acetic, propionic and butyric acids (DANIELLI, HITCHCOCK, MARSHALL and PHILLIPSON) 75
- Amphibian embryo:**
 Differentiation of ectoderm implanted into the primordium of the limb bud in the, and its influence upon the limb (BRANDT) 101
- B**
- Blood pressure:**
 and pulse rate in the foetal sheep (BARCROFT and BARRON) 63
- C**
- Carbohydrates:**
 Fermentation of, in the rumen of the sheep (ELSDEN) 51
- Caterpillars:**
 The dietetics of. See *Ephestia species and also*
 Nutrition of insects
- Clothes moth:**
 The dietetics of the, *Tineola bisselliella* Hum. (FRAENKEL and BLEWETT) 156
- Cuticle, insect:**
 On the penetration of insecticides through the (WEBB and GREEN) 8
- D**
- Drosophila melanogaster Meigen:**
 A micro-respirometer for single prepupae of (ELLENBY) 85
- E**
- Ectoderm:**
 Differentiation of, implanted into the primordium of the limb bud in the amphibian embryo and its influence upon the limb (BRANDT) 101
- Ephestia species:**
 The dietetics of the caterpillars of three, *E. kuehniella*, *E. elutella*, and *E. cautella*, and of a closely related species, *Plodia interpunctella* (FRAENKEL and BLEWETT) 162
 — See also Nutrition of insects
- F**
- Facilitation:**
 in sea anemones:
 — I. The action of drugs (ROSS) 21
 — II. Tests in extracts (ROSS) 32
- Fermentation of carbohydrates:**
 in the rumen of the sheep (ELSDEN) 51
- Fertilizing capacity:**
 of spermatozoa following cold treatment of the scrotal testes of rabbits (MIN CHUEH CHANG) 95
- I**
- Insecticides:**
 On the penetration of, through the insect cuticle (WEBB and GREEN) 8
- L**
- Locomotion:**
 Mechanism of, in gastropod molluscs. II. Kinetics (LISSMANN) 37
- M**
- Micro-respirometer:**
 for single prepupae of *Drosophila melanogaster* Meigen (ELLENBY) 85
- Molluscs, gastropod:**
 Mechanism of locomotion in. II. Kinetics (LISSMANN) 37
- N**
- Nutrition of insects:**
 (*Ephestia kuehniella*, *E. elutella*, *E. cautella* and *Plodia interpunctella* (Lep.)). Linoleic acid, vitamin E and other fat-soluble substances in the (FRAENKEL and BLEWETT) 172
- P**
- Peripheral connexion:**
 The influence of, on the diameter of regenerating nerve fibres (SANDERS and YOUNG) 203
- Peripheral nerve**
 and regeneration in Crustacea. II (NEEDHAM) 107
- Phosphatase, alkaline:**
 A critical study of techniques for determining the cytological position of (DANIELLI) 110
- Plodia interpunctella:**
 See *Ephestia species and also* Nutrition of insects
- Pulse rate:**
 and blood pressure in the foetal sheep (BARCROFT and BARRON) 63
- R**
- Radiation integrator:**
 An improved, for biological use (GUNN, KIRK and WATERHOUSE) 1

- Rat eye:**
Development of, in graft (TANSLEY) 221
- Regenerating nerve fibres:**
The influence of peripheral connexion on the diameter of (SANDERS and YOUNG) 203
- Regeneration in Crustacea:**
Peripheral nerve and: II (NEEDHAM) 107
- Ruminants, digesta of:**
and other animals. Volatile acids in the (ELSDEN, HITCHCOCK, MARSHALL and PHILLIPSON) 191
- S**
- Sea anemones:**
Facilitation in:
— I. The action of drugs (ROSS) 21
— II. Tests in extracts (ROSS) 32
- Sheep, foetal:**
Blood pressure and pulse rate in the (BARCROFT and BARRON) 63
- Spermatozoa:**
Fertilizing capacity of, following cold treatment of the scrotal testes of rabbits (MIN CHUEH CHANG) 95
- Spirostomum:**
The reactions of isolated parts of (CLARK) 88
- T**
- Temperature:**
Effect of, on growth of trout. *See* Trout
— regulation, Studies on: II. Amphibia and reptiles (KIRK and HOGBEN) 213
- Testes of rabbits:**
Fertilizing capacity of spermatozoa following cold treatment of scrotal (MIN CHUEH CHANG) 95
- Tineola bisselliella Hum.:**
See Clothes moth
- Trout, brown:**
The growth of (*Salmo trutta* Linn.):
— I. Factors influencing the growth of trout fry (BROWN) 118
— II. The growth of two-year-old trout at a constant temperature of 11.5° C. (BROWN) 130
— III. The effect of temperature on the growth of two-year-old trout (BROWN) 145
- V**
- Volatile acids:**
in the digesta of ruminants and other animals (ELSDEN, HITCHCOCK, MARSHALL and PHILLIPSON) 191