

INDEX OF AUTHORS

B

- Brambell, F. W. Rogers and Mills, Ivor H. Studies on sterility and prenatal mortality in wild rabbits. Part III. The loss of ova before implantation 192

C

- Crisp, D. J. and Thorpe, W. H. A metal micro-respirometer of the Barcroft type suitable for small insects and other animals 304
— See also THORPE and CRISP
- Crombie, A. C. and Darrah, J. H. The chemoreceptors of the wireworm (*Agriotes* spp.) and the relation of activity to chemical constitution 95

D

- Damsté, P. H. Experimental modification of the sexual cycle of the greenfinch 20
- Daniel, R. J. Distribution of glycogen in the developing salmon (*Salmo salar* L.) 123
- Darrah, J. H. See CROMBIE and DARRAH

E

- Eastham, L. E. S. and Segrove, F. The influence of temperature and humidity on instar length in *Calandra granaria* Linn. 79

G

- Golberg, Leon. See MEILLON and GOLBERG
- Gray, F. V. The absorption of volatile fatty acids from the rumen 1
— The analysis of mixtures of fatty acids 11
— The digestion of cellulose by sheep. The extent of cellulose digestion at successive levels of the alimentary tract 15
- Gray, J. and Lissman, H. W. The effect of labyrinthectomy on the co-ordination of limb movements in the toad 36

H

- Höhn, E. O. Seasonal cyclical changes in the thymus of the mallard 184
- Humphrey, G. F. The succinoxidase system in oyster muscle 352

J

- Jones, J. R. Erichsen. The reactions of *Pygosteus pungitius* L. to toxic solutions 110

L

- Laser, H. and Rothschild, Lord. An electromagnetic mixer for manometric experiments 387
- Lissman, H. W. See GRAY and LISSMAN
- Lumsden, W. H. R. Observations on the effect of microclimate on biting by *Aedes aegypti* (L.) (Dipt., Culicid.) 361

M

- Meillon, Botha de and Golberg, Leon. Preliminary studies on the nutritional requirements of the bedbug (*Cimex lectularius* L.) and the tick *Ornithodoros moubata* Murray 41
- Mills, Ivor H. See BRAMBELL and MILLS

N

- Needham, A. E. Local factors and regeneration in Crustacea 220
- Nieuwkoop, P. D. Investigations on the regional determination of the central nervous system 145

P

- Parry, D. A. The function of the insect ocellus 211

R

- Rao, T. Ramachandra. Visual responses of mosquitoes artificially rendered flightless 64
- Rothschild, Lord. Rhythmical impedance changes in the egg of the trout. III 390
— See also LASER and and ROTHSCHILD

S

- Segrove, F. See EASTHAM and SEGROVE
- Smyth, J. D. Studies on tapeworm physiology. III. Aseptic cultivation of larval diphylobothriidae *in vitro* 374

T

- Thorpe, W. H. and Crisp, D. J. Studies on plastron respiration:
— I. The biology of *Aphelocheirus* [Hemiptera, Aphelocheiridae (Naucoridae)] and the mechanism of plastron retention 227
— II. The respiratory efficiency of the plastron in *Aphelocheirus* 270
— III. The orientation responses of *Aphelocheirus* [Hemiptera, Aphelocheiridae (Naucoridae)] in relation to plastron respiration; together with an account of specialized pressure receptors in aquatic insects 310

W

- Walshe, Barbara M. On the function of haemoglobin in *Chironomus* after oxygen lack 329
— The function of haemoglobin in *Tanytarsus* (Chironomidae) 343