INDEXES TO VOLUME 296 (B)

Author Index

Åkerman, K. E. O. See Nicholls & Åkerman.
Amherdt, M. See Orci et al.
Anderson, J. M. See Heal et al.

Baker, P. F. & Knight, D. E. Calcium control of exocytosis and endocytosis in bovine adrenal medullary cells, 83.
Batey, T. Nitrogen cycling in upland pastures of the U.K., 551.
Burgen, Sir Arnold. Concluding remarks to a Discussion, on the control of secretion 193.
Burgen, Sir Arnold. Introductory remarks to a Discussion, on the control of secretion 3.

Case, R. M. See Scratcherd et al.
Case, R. M., Conigrave, A. D., Hunter, M., Novak, I., Thompson, C. H. & Young, J. A. Secretion of saliva by the rabbit mandibular gland in vitro: the role of anions, 179.
Ceccarelli, B. See Meldolesi & Ceccarelli.
Christofi, N. See Stewart et al.
Christophe, J., Svoboda, M. & Lambert, M. Determining steps in the regulatory GTPase cycle of rat pancreatic adenylate cyclase, 139.
Clarke, J. D. W. See Roberts (Alan) & Clarke.
Conigrave, A. D. See Case et al.
Cowling, D. W. Biological nitrogen fixation and grassland production in the United Kingdom, 397.
Creba, Judith A. See Michell et al.
Cripps, A. C. See Foster et al.
Crutzen, P. J. See Hahn & Crutzen.

Dowdell, R. J. Fate of nitrogen applied to agricultural crops with particular reference to denitrification, 363.
Downes, C. P. See Michell et al.

Emmelin, N. Nervous control of mammalian salivary glands, 27.

Fogg, G. E. Nitrogen cycling in sea waters, 511.
Frisse1, M. J. & Van Veen, J. A. A review of models for investigating the behaviour of nitrogen in soil, 341.

Gasser, J. R. Agricultural productivity and the nitrogen cycle, 303.
Gostick, K. G. Agricultural Development and Advisory Service (A.D.A.S.) recommendations to farmers on manure disposal and recycling, 329.
Graf, J. See Petersen et al.
Greene, L. A. See Wilkinson & Greene.
Greenwood, D. J. Modelling of crop response to nitrogen fertilizer, 351.
Gregory, H. See Hopkins et al.

Haase, W. See Schulz et al.
Hahn, J. & Crutzen, P. J. The role of fixed nitrogen in atmospheric photochemistry, 521.
Herzog, V. Endocytosis in secretory cells, 67.
Hessler, R. R. The structural morphology of walking mechanisms in eumalacostracan crustaceans, 245.
Hood, A. E. M. Fertilizer trends in relation to biological productivity within the U.K., 315.
Hopkins, C. R., Semoff, S. & Gregory, H. Regulation of gonadotropin secretion in the anterior pituitary, 73.
Hunter, M. See Case et al.
Hutson, D. See Scratcherd et al.
Jenkinson, D. S. The nitrogen cycle in long-term field experiments, 563.
Jensen, R. T. See Gardner & Jensen.
Jones, Lynne M. See Michell et al.
Kahn, J. A. See Roberts (Alan) & Kahn.
Kimura, T. See Schulz et al.
Kirk, C. J. See Michell et al.
Knight, D. E. See Baker & Knight.
Kribben, A. See Schulz et al.
Lambert, M. See Christophe et al.
Laugier, R. See Petersen et al.
L'Hermite, P. See Bourdeau & L'Hermite.

Magee, P. N. Nitrogen as a potential health hazard, 543.
Marrs, R. H. See Bradshaw et al.
Maruyama, Y. See Petersen et al.
Meldolesi, J. & Ceccarelli, B. Exocytosis and membrane recycling, 55.
Michell, R. H., Kirk, C. J., Jones, Lynne M., Downes, C. P. & Greba, Judith A. The stimulation of inositol lipid metabolism that accompanies calcium mobilization in stimulated cells: defined characteristics and unanswered questions, 123.
Montesano, R. See Orci et al.

Newbould, P. Biological nitrogen fixation in upland and marginal areas of the U.K., 405.
Nicholls, D. G. & Åkerman, K. E. O. Biochemical approaches to the study of cytosolic calcium regulation in nerve endings, 115.
Nishiyama, A. See Petersen et al.
Novak, I. See Casé et al.


Pearson, G. T. See Petersen et al.
Perrelet, A. See Orci et al.
Peterson, H. G. See Stewart et al.
Poggioi, J. See Putney et al.
Postgate, J. R. Biological nitrogen fixation: fundamentals, 375.
Preston, T. See Stewart et al.

Roberts, Alan. See Kahn & Roberts.
Roberts, Alan & Clarke, J. D. W. The neuroanatomy of an amphibian embryo spinal cord, 195.
Roberts, Alan & Kahn, J. A. Intracellular recordings from spinal neurons during 'swimming' in paralysed amphibian embryos, 213.
Roberts, R. D. See Bradshaw et al.
Robertson, G. P. Nitrification in forested ecosystems, 445.

Semooff, S. See Hopkins et al.
Skeffington, R. A. See Bradshaw et al.
Smith, A. B. & Paul, C. R. C. Revision of the class Cyclocystoidea (Echinodermata), 577.
Smith-Carlington, Amanda. See Foster et al.
Stewart, W. D. P. Concluding remarks to a Discussion on the nitrogen cycle, 575.
Svoboda, M. See Christophe et al.
Swift, M. J. See Heal et al.

Tamm, C. O. Nitrogen cycling in undisturbed and manipulated boreal forest, 419.
Thompson, C. H. See Case et al.

Van Veen, J. A. See Frissel & Van Veen.
Vassalli, P. See Orci et al.

Wakasugi, H. See Schulz et al.
Weiss, S. J. See Putney et al.
Wilkinson, W. B. & Greene, L. A. The water industry and the nitrogen cycle, 459.

Young, J. A. See Case et al.
Subject Index

Cyclocystoidea (Echinodermata), 577.

Discussion on the control of secretion; for detailed contents see pp. 1 and 2.
Discussion on the nitrogen cycle; for detailed contents see pp. 299–301.

Echinodermata: revision of the Cyclocystoidea, 577.
Embryo swimming, 229.
Eumalacostracan walking mechanisms, 245.

Nitrogen cycle, Discussion; for detailed contents see pp. 299–301.

Pattern generators, 229.

Secretion, control of, Discussion; for detailed contents see pp. 1 and 2.
Spinal cord, 195.
Spinal neurons, 213.
Swimming, in embryo frogs, 213.

Walking mechanisms in the Eumalacostraca, 245.

Xenopus neuroanatomy, 195.

End of the two hundred and ninety-sixth volume – Series B
No. 1080  The control of secretion
A Discussion organized by R. A. Gregory, F.R.S.,
O. H. Petersen and Sir Arnold Burgen, F.R.S.
[Eighteen Plates]

£25.00

No. 1081  The neuroanatomy of an amphibian embryo spinal cord
By Alan Roberts and J. D. W. Clarke.
[Plates 1 and 2]

Intracellular recordings from spinal neurons during
‘swimming’ in paralysed amphibian embryos
By Alan Roberts and J. A. Kahn

Experiments on the central pattern generator
for swimming in amphibian embryos
By J. A. Kahn and Alan Roberts

The structural morphology of walking mechanisms
in eumalacostracan crustaceans
By R. R. Hessler

£11.80

No. 1082  The nitrogen cycle
A Discussion organized by W. D. P. Stewart, F.R.S.,
and T. Rosswall

£27.80

No. 1083  Revision of the class Cyclocystoidea (Echinodermata)
By A. B. Smith and C. R. C. Paul [Plates 1-11]

£14.20

Printed in Great Britain
for the Royal Society at the University Press, Cambridge