PAPERS RECENTLY PUBLISHED IN
PHILOSOPHICAL TRANSACTIONS OF THE
ROYAL SOCIETY, SERIES B

No. 833  The corpora pendunculata of *Sphinx Ligustri* L. and other Lepidoptera: an anatomical study.
By Lucy Pearson  £1.50 (U.S. $4.20)

No. 834  Observations on the structure of the small intestine in foetal, neonatal and suckling pigs.
By R. N. Hardy, A. R. Hockaday and R. L. Tapp  £0.95 (U.S. $2.65)

No. 835  The response of normal men and women to changes in their environmental temperatures and ways of life.
By R. A. McGange, F.R.S. et al.  £0.85 (U.S. $2.35)

No. 836  A Discussion on the results of the Royal Society Expedition to Aldabra 1967–68.
Organized by T. S. Westoll, F.R.S. and D. R. Stoddart  £19.00 (U.S. $53.20)

No. 837  A Discussion on new developments in electron microscopy with special emphasis on their application in biology.
Organized by H. E. Huxley, F.R.S. and A. Klug, F.R.S.  £9.50 (U.S. $26.60)

No. 838  On the Upper Triassic mammals.
By F. R. Parrington, F.R.S.  £1.25 (U.S. $3.50)

No. 839  A Discussion on subcellular and macromolecular aspects of synaptic transmission.
Organized by H. K. F. Blaschko, F.R.S. and A. D. Smith  £7.75 (U.S. $21.70)

No. 840  The proboscis apparatus of the nemertine *Lineus ruber*.
By E. A. Ling  £2.30 (U.S. $6.45)

No. 841  Simple memory: a theory for archicortex.
By D. Marr  £1.55 (U.S. $4.35)

These numbers may be purchased through any bookseller or direct from the Royal Society.
Requests for abstracts of papers published in *Philosophical Transactions of the Royal Society* may be made to the Executive Secretary, Royal Society, 6 Carlton House Terrace, London SW1Y 5AG.
CONTENTS


Colhoun, E. A., Dickson, J. H., McCabe, A. M. & Shotton, F. W. A Middle Midlandian freshwater series at Derryvree, Maguiresbridge, County Fermanagh, Northern Ireland 273-292


Taylor, H. F. & Burden, R. S. Xanthoxin, a recently discovered plant growth inhibitor 317-346

Howard, J. G., Christie, G. H. & Courtenay, Barbara M. Studies on immunological paralysis. VII. Rapid reversal of Felton’s paralysis as evidence for ‘tolerant’ cells 347-361