

## EDITORIAL ADVISORY BOARD

M. J. BERRIDGE  
M. BURROWS  
B. M. H. BUSH  
P. J. BUTLER  
C. P. ELLINGTON  
E. FLOREY

B. HEINRICH  
J. W. JACKLET  
E. A. KRAVITZ  
A. MICHELSEN  
K. G. PEARSON  
J. E. PHILLIPS

Y. PICHON  
R. M. PITMAN  
D. J. RANDALL  
S. E. REYNOLDS  
G. SHELTON  
N. SUGA

---

**The Company of Biologists Limited** is a non-profit-making organization whose members are active professional biologists. The Company, which was founded in 1925, is the owner of this and other journals which are printed and published by Cambridge University Press.

**Copyright and Reproduction.** Authors may make copies of their own papers in this journal without seeking permission from the Company of Biologists Limited, *provided that such copies are for free distribution only: they must not be sold.*

Authors may re-use their own illustrations in other publications appearing under their own name, without seeking permission.

For all other matters relating to the reproduction of copyright material written application must be made to Dr R. J. Skaer, Company Secretary, Company of Biologists Limited, Department of Zoology, Downing Street, Cambridge CB2 3EJ, U.K.

ISI Tear Service, 3501 Market Street, Philadelphia, Pennsylvania 19104, U.S.A. is authorized to supply single copies of separate articles for private use only.

**Subscriptions.** *The Journal of Experimental Biology* (ISSN 0022-0949) is published as six volumes a year in February, April, June, August, October and December. The subscription price of volumes 96-101 (1982) is £110.00 (U.S.A and Canada US \$300.00), and of volumes 102-107 (1983) is £115.00 U.K. (U.S.A. and Canada US \$315.00, Japan £130.00) per annum, payable in advance; postage is included. Individual volumes may be purchased at £22.00 (U.S.A. and Canada US \$60.00) each, plus postage. Orders for 1983, which must be accompanied by payment, may be sent to any bookseller or subscription agent or direct to The Biochemical Society Book Depot, P.O. Box 32, Commerce Way, Colchester CO2 8HP, U.K. Copies of the journal for subscribers in the U.S.A. and Canada are sent by air to New York to arrive with minimum delay. Second class postage paid at New York, N.Y. and at additional mailing offices.

**POSTMASTER:** send address changes in U.S.A. and Canada to Cambridge University Press, 32 East 57th Street, New York, N.Y. 10022.

**Claims** for missing parts can only be considered if made immediately upon receipt of the subsequent issue.

**Back Volumes.** Vols. 1-21: Enquiries should be sent to Johnson Reprint Co. Ltd, 24-28 Oval Road, London N.W.1. Vols. 22 onwards are available from Cambridge University Press, The Edinburgh Building, Shaftesbury Road, at £45.00 each for volumes 22-65 and £15.00 each for volumes 66-95.

**Index.** An annual index will appear in the last volume each year.

**The Society for Experimental Biology** has, since its foundation in 1924, been associated with the Company of Biologists Ltd. The Society holds Conferences four times a year at which the results of experimental investigations are presented and discussed. Enquiries about membership of the Society should be made to: The Secretary, **Society for Experimental Biology**, Harvest House, 62 London Road, Reading RG1 5AS, England.