

QUARTERLY REVIEWS OF BIOPHYSICS

CONTENTS

- R. D. KEYNES From frog skin to sheep rumen: a survey of transport of salts and water across multicellular structures 177-281
- KNUT SCHMIDT-NIELSEN The neglected interface: the biology of water as a liquid-gas system 283-304
- R. SCHLÖGL Non-linear transport behaviour in very thin membranes 305-313



CAMBRIDGE UNIVERSITY PRESS
Published for the International Union for
Pure and Applied Biophysics

EDITORIAL BOARD

W. Arber (Switzerland)	P. G. Kostyuk (U.S.S.R.)
F. Buchthal (Denmark)	M. Kotani (Japan)
A. Engström (Sweden)	A. M. Monnier (France)
E. Ernst (Hungary)	W. A. Rosenblith (U.S.A.)
G. Frank (U.S.S.R.)	A. K. Solomon (U.S.A.)
A. R. Gopal-Ayengar (India)	T. Teorell (Sweden)
A. Katchalsky (Israel)	C. Tobias (U.S.A.)
J. C. Kendrew (England)	A. J. Vendrik (Netherlands)
R. D. Keynes (England)	R. C. Williams (U.S.A.)

Quarterly Reviews of Biophysics is the official organ of the International Union for Pure and Applied Biophysics (IUPAB). The editorial board of *Quarterly Reviews of Biophysics* is composed of the council of IUPAB and representatives of its commissions. The editors are Professor Arne Engström, Department of Medical Physics, Karolinska Institutet, Stockholm 60, Sweden; Professor A. Ehrenberg, Department of Biochemistry, Karolinska Institutet, Stockholm 60, Sweden; Dr R. D. Keynes, A.R.C. Institute of Animal Physiology, Babraham, Cambridge, England; Professor R. B. Roberts, Carnegie Institution, Washington D.C. 20015, U.S.A.

Subscriptions. *Quarterly Reviews of Biophysics* is published quarterly. A complete volume may be purchased at the subscription price (which includes postage) if payment is made before publication of the volume is complete. The subscription price is £5 net (\$16.50 in U.S.A. and Canada). Single parts cost 35s. net (\$4.50 in U.S.A. and Canada) plus postage. Orders should be sent to a bookseller or to Cambridge University Press, Bentley House, 200 Euston Road, London, N.W. 1 or to Cambridge University Press American Branch, 32 East 57th Street, New York, N.Y. 10022.

Second class postage paid at New York, N.Y.

ERRATUM: *Molecular quantum mechanics in biology* (1, 311 (1969))

INGA FISCHER-HJALMARS

On p. 377 the PPP-calculations by Fox *et al* (1967) on the ground state of the reduced form of isoalloxazine were erroneously compared to X-ray results relating to the oxidized form. Accordingly, all experiments available support the conclusions drawn by Fox and co-workers.