

BIOGRAPHICAL MEMOIRS OF FELLOWS OF THE ROYAL SOCIETY

VOLUME 14 NOVEMBER 1968 PRICE £4. 5s. (U.S.A. \$11.00) post extra
(Bound in blue buckram. A photograph of the subject is printed with each memoir)

Volume 14 contains an appreciation of the life and works of the following, together with a bibliography of the subject's writings:

- Alexander Craig AITKEN** By J. M. Whittaker, F.R.S. and M. S. Bartlett, F.R.S.
Clement Richard Attlee, First Earl ATTLEE By Lord Bridges, F.R.S.
Vernon Herbert BLACKMAN By Helen K. Porter, F.R.S.
Walter Russell Brain, First Baron BRAIN of Eynsham
By Sir George Pickering, F.R.S.
Gordon Roy CAMERON By C. L. Oakley, F.R.S.
Thomas MacFarland CHERRY By K. E. Bullen, F.R.S. and G. Temple, F.R.S.
John Douglas COCKCROFT
By Sir Mark Oliphant, F.R.S. and Lord Penney, F.R.S.
Arthur Thomas DOODSON By J. Proudman, F.R.S.
Harold Munro FOX By J. E. Smith, F.R.S.
Kenneth James FRANKLIN By I. de Burgh Daly, F.R.S. and R. G. Macbeth
John William Heslop HARRISON By A. D. Peacock
Albert Edward INGHAM By J. C. Burkill, F.R.S.
Rupert Edward Cecil Lee Guinness, Second Earl of IVEAGH
By H. D. Kay, F.R.S.
Reginald Patrick LINSTED
By D. H. R. Barton, F.R.S., H. N. Rydon and J. A. Elvidge
Hermann Joseph MULLER By G. Pontecorvo, F.R.S.
J. Robert OPPENHEIMER By H. A. Bethe, For. Mem. R.S.
Carl Frederick Abel PANTIN By Sir Frederick Russell, F.R.S.
Richard Julius PUMPHREY By J. W. S. Pringle, F.R.S.
James Haward TAYLOR By K. C. Dunham, F.R.S.
Eustace Ebenezer TURNER By Sir Christopher Ingold, F.R.S.

Published by the Royal Society, 6 Carlton House Terrace, London, S.W. 1

SUBSCRIPTIONS TO THE 'PROCEEDINGS'

Subscriptions may be placed with the Royal Society, *payable in advance of publication* of the four parts comprising the volume, at the following rates:

Volume in parts as issued £6 5s (post free); in the U.S.A. \$16.00
Cloth bound volume £7 (post free); in the U.S.A. \$18.00

PROCEEDINGS OF THE ROYAL SOCIETY, SERIES A

Number 1501

6 May 1969

Volume 310

CONTENTS

LONGUET-HIGGINS, M. S.	<i>pages</i> 151-159
On wave breaking and the equilibrium spectrum of wind-generated waves.	
ARRINGTON, C. A., JUN., BERNARDINI, O. O. & KISTIAKOWSKY, G. B.	161-181
The reaction of active nitrogen with acetylene. I.	
FINLAYSON, B. A. & SCRIVEN, L. E.	183-219
Convective instability by active stress.	
VAN DER BURG, M. G. J.	221-230
Gravitational waves in general relativity. X. Asymptotic expansions for the Einstein-Maxwell field.	
AHMAD, N., GALE, B. C. & KEY, M. H.	231-252
Experimental and theoretical studies of the time and space development of plasma parameters in a laser induced spark in helium. [Plates 1 to 3]	
HURLE, I. R., JONES, A. & ROSENFELD, J. L. J.	253-276
Shock-wave observations of rate constants for atomic hydrogen recombination from 2500 to 7000 °K: collisional stabilization by exchange of hydrogen atoms.	
AVIGNON, M. & CHAKRAVERTY, B. K.	277-296
Morphological stability of two-dimensional nucleus.	

Price £1 15s (U.S. \$4.55)

Proc. Roy. Soc. A. 310

Published by the Royal Society, 6 Carlton House Terrace, London, S.W.1

Printed in Great Britain

for the Royal Society at the University Printing House, Cambridge