

BIOGRAPHICAL MEMOIRS
OF FELLOWS
OF THE ROYAL SOCIETY

VOLUME 34

1988

LONDON

THE ROYAL SOCIETY

ISBN 0 85403 367 X
ISSN 0080-4606

BIOGRAPHICAL MEMOIRS
OF FELLOWS
OF THE ROYAL SOCIETY

VOLUME 34

Published by the Royal Society
1, Curzon Street, London, W1A 2BS

Published December 1988
Printed in Great Britain
for the Royal Society by the University Press, Cambridge

ISBN 0 85403 367 X
ISSN 0080-4606

Copyright

© 1988 The Royal Society and the authors of individual memoirs

It is the policy of the Royal Society not to charge any royalty for the production of a single copy of any one article made for private study or research. Requests for the copying or reprinting of any article for any other purpose should be sent to the Royal Society.

BIOGRAPHICAL MEMOIRS OF FELLOWS OF THE ROYAL SOCIETY

1988

VOLUME 34

CHARLES ALEXANDER FRANKING	F. S. Collins, F.R.S.	177
NORMAN LAURENCE FRANKLIN	Mal. F.R.S.	205
STEVEN WOODROW GALE	Bartholomew, C.B.E., and A. Cole, F.R.S.	231
HARRY GOOTBY	R. G. Wain, F.R.S.	259
DONALD BOLDFORTH HEY	J. J. C. Dalrymple, F.R.S., and D. I. Davies	293
JOHN LEONARD JONES	Sir Kenneth Mather, F.R.S.	321
EARL KARRAND	J. M. Hirst, F.R.S., and B. D. Ingham, F.R.S.	345
RAYMONT JAMES WOOD LEITCH	M. J. Aronson and A. D. Hutchinson, F.R.S.	373
HARVARD LINDSEY	Sir John Duce, F.R.S.	405
WILFRED BENNETT MILES	Sir Bernard Lovell, F.R.S., and D. G. Hunt	431
JAMES DWYER MOSE	B. L. Morgan	451
PAUL VALENTIN MATTHEWS	T. W. B. Kibble, F.R.S.	455
JOHN STANLEY MITCHELL	D. H. Murray	481
JOHN NURSE PHILLIPS	C. F. Vincent, and J. F. Tait, F.R.S.	499
JAMES ARTHUR PASCOTT	C. G. Stephens and J. P. Quirk	529
JOHN ARTHUR RUSSELL	K. G. Hadden, F.R.S.	559
HENRY EDWARD SHORTT	F. G. C. Clements, F.R.S.	573
MERCURY WILLIAMS SMITH	Nancy Price, F.R.S.	577
HERBERT HUGGELTON STANLEY	D. C. Bailey	587
WALTER STANLEY STEWART	M. J. Aronson	619
GRAHAM BELLY WILSON	M. J. Aronson, F.R.S., and J. P. Quirk	637

Published by the Royal Society

6 Carlton House Terrace

London SW1Y 5AG

Published December 1988

Printed in Great Britain

for the Royal Society by the University Press, Cambridge

ISBN 0 85403 367 X
ISSN 0080-4606

Copyright

© 1988 The Royal Society and the authors of individual memoirs

It is the policy of the Royal Society not to charge any royalty for the production of a single copy of any one article made for private study or research. Requests for the copying or reprinting of any article for any other purpose should be sent to the Royal Society.

CONTENTS

FRANZ BERGEL	By Lord Todd, O.M., F.R.S..	1
LOUIS VICTOR PIERRE RAYMOND DE BROGLIE	A. Abragam, For.Mem.R.S. .	21
WILLIAM RICHARD JOSEPH COOK	Lord Penney, O.M., F.R.S., and V. H. B. Macklen .	43
ROBERT WILLIAM DITCHBURN	G. W. Series, F.R.S. .	63
MALCOLM DIXON	R. N. Pernham, F.R.S. .	97
PAUL PETER EWALD	H. A. Bethe, For.Mem.R.S., and G. Hildebrandt .	133
CHARLES ALEXANDER FLEMING	R. E. F. Matthews, F.R.S. .	177
NORMAN LAURENCE FRANKLIN	Sir John Hill, F.R.S. .	205
ADRIAN EDMUND GILL	G. K. Batchelor, F.R.S., and R. Hide, F.R.S. .	221
HARRY GODWIN	R. G. West, F.R.S. .	259
DONALD HOLROYDE HEY	J. I. G. Cadogan, F.R.S., and D. I. Davies .	293
JOHN LEONARD JINKS	Sir Kenneth Mather, F.R.S..	321
BASIL KASSANIS	J. M. Hirst, F.R.S., and B. D. Harrison, F.R.S. .	345
RAYMOND JAMES WOOD LE FÈVRE	M. J. Aroney and A. D. Buckingham, F.R.S.	373
HERMANN LEHMANN	Sir John Dacie, F.R.S. .	405
WILFRED BENNETT LEWIS	Sir Bernard Lovell, F.R.S. and D. G. Hurst .	451
JAMES DWYER MCGEE	B. L. Morgan .	511
PAUL TAUNTON MATTHEWS	T. W. B. Kibble, F.R.S. .	553
JOSEPH STANLEY MITCHELL	D. H. Marrian .	581
JOHN GUEST PHILLIPS	G. P. Vinson and J. F. Tait, F.R.S. .	609
JAMES ARTHUR PRESCOTT	C. G. Stephens and J. P. Quirk .	639
JOHN ASHWORTH RATCLIFFE	K. G. Budden, F.R.S. .	669
HENRY EDWARD SHORTT	P. C. C. Garnham, F.R.S. .	713
HERBERT WILLIAMS SMITH	Naomi Datta, F.R.S. .	753
HERBERT MUGGLETON STANLEY	H. C. Bailey .	787
WALTER STANLEY STILES	M. Alpern .	815
GRAHAM SELBY WILSON	E. S. Anderson, F.R.S., and Sir Robert Williams .	887
RICHARD VAN DER RIET WOOLLEY	Sir William McCrea, F.R.S..	921
PIERRE YOUNG	W. J. Strang, F.R.S., and G. M. Lewis .	983

Addendum to volume 33 (1987) 1003
 Corrigenda to volume 33 (1987) 1003
 Subject index, volumes 27-34 (1981-88) 1005

(A photograph of the subject is printed with each memoir.)

WILLIAM RICHARD JOSEPH COOK
 and V. H. B. MACKENZIE
 43
 ROBERT WILLIAM BUCHANAN
 G. W. SERRIS, F.R.S.
 61
 MATTHEW DIXON
 R. M. TROSBAND, F.R.S.
 93
 PAUL PETER SWALL
 H. A. BEEBE, F.R.S.
 113
 CHARLES ALEXANDER FLEMING
 R. E. F. MANNING, F.R.S.
 177
 NORMAN LAURENCE FRANKLIN
 Sir John Hill, F.R.S.
 203
 KATHA BOWEN-GILL
 G. K. BARTHOLOMEW, F.R.S., and
 R. HIDE, F.R.S.
 231
 HARRY GOUDIE
 R. G. WEST, F.R.S.
 259
 DONALD HORSFORD BEE
 J. I. G. CROFTON, F.R.S., and
 D. I. DAVES
 283
 JOHN LEONARD JENK
 Sir Kenneth Mather, F.R.S.
 321
 ROSE KAMMERER
 J. M. HIRST, F.R.S., and
 B. D. HARRISON, F.R.S.
 345
 RAYMOND JAMES WOOD LE FEVER
 M. J. ANONY and
 A. D. BUCKINGHAM, F.R.S.
 373
 HERMANN LIEBHAFN
 Sir John Dacic, F.R.S.
 405
 WOLFRAD BENNETT LEWIS
 Sir Bernard Lovell, F.R.S.
 and D. G. HUISE
 431
 JAMES DWYER MOORE
 R. L. MORGAN
 451
 PAUL LAURTON MATTHEW
 T. W. B. KIBBIE, F.R.S.
 483
 JOSEPH STANLEY MITCHELL
 D. H. MATHIAS
 501
 JOHN GUEST PHILLIPS
 G. F. VINSON and J. R. TAN
 F.R.S.
 509
 JAMES ARTHUR PRESCOTT
 C. G. STEPHENS and
 J. R. GUNK
 539
 JOHN ARTHUR BATHURST
 R. G. BUDDEN, F.R.S.
 569
 ROBERT EDWARD SHERIFF
 F. C. C. GARDNER, F.R.S.
 713
 HERBERT WILLIAMS SMITH
 Naomi Davis, F.R.S.
 723
 HERBERT WOODLTON STANLEY
 H. C. BAILEY
 787
 WALTER STANLEY WILKS
 M. ALPERT
 815
 GRAHAM KELBY WILSON
 Sir Robert Williams, F.R.S., and
 Sir William Wilson, F.R.S.
 827