

Journal of Biosocial Science

EXECUTIVE EDITOR

A. S. Parkes

EDITORIAL BOARD

D. R. Brothwell

C. O. Carter

P. R. Cox

E. Grebenik

P. Sargent Florence

A. H. Halsey

G. A. Harrison

Raymond Illsley

John Peel

D. M. Potts

E. T. O. Slater

A. C. Stevenson

Barbara Thompson

VOLUME 1 (1969)

Published for
THE GALTON FOUNDATION
by
BLACKWELL SCIENTIFIC PUBLICATIONS
OXFORD AND EDINBURGH

Published by
Blackwell Scientific Publications Ltd
5 Alfred Street, Oxford

© Galton Foundation 1969

*Printed in Great Britain by
Spottiswoode, Ballantyne & Co., Ltd, London and Colchester*

JOURNAL OF BIOSOCIAL SCIENCE

Contents

VOL. 1 JANUARY 1969 NO. 1

Foreword	1
R. W. PICKFORD. The frequency of colour vision defective students in a school of art and the influence of their defects	3
AUDREY W. M. WARD. General practitioners and family planning in Sheffield	15
BARBARA THOMPSON and R. ILLSLEY. Family growth in Aberdeen	23
S. ENKE and R. G. ZIND. Effect of fewer births on average income	41
W. D. BORRIE. Recent trends and patterns in fertility in Australia	57
C. O. CARTER. Spina bifida and anencephaly: a problem in genetic-environmental interaction	71

Book reviews

G. W. HOROBIN reviews <i>The Evolution of Society: Selections from Herbert Spencer's Principles of Sociology</i> (Edited by Robert L. Carneiro)	85
P. D. SCOTT reviews <i>Early Experience and Behavior: The Psychobiology of Development</i> (Edited by Grant Newton and Seymour Levine)	88
J. A. FRASER ROBERTS reviews <i>Proceedings of the Third International Congress of Human Genetics</i> (Edited by James F. Crow and James V. Neel)	93

VOL. 1 APRIL 1969 NO. 2

M. BONTE and H. VAN BALEN. Prolonged lactation and family spacing in Rwanda	97
K. G. BASAVARAJAPPA. Recent trends and patterns of non-Maori fertility in New Zealand	101
R. G. HARVEY and D. R. BROTHWELL. Biosocial aspects of Ainu hirsuteness	109
G. N. POLLARD. Factors influencing the sex ratio at birth in Australia, 1902-65	125
A. CZEIZEL and E. BENE. Studies on the fertility of radiologists	145
K. L. STANDARD, PATRICIA DESAI and W. E. MIALL. A longitudinal study of child growth in a rural community in Jamaica	153
JOHN PRICE. Personality differences within families: comparison of adult brothers and sisters	177

AUDREY W. M. WARD. Family planning clinics in Sheffield, 1967	207
MARIJ AVČIN. Gypsy isolates in Slovenia	221
C. B. GOODHART. Estimation of illegal abortions	235
JAMES MAXWELL. Intelligence, education and fertility: a comparison between the 1932 and 1947 Scottish Surveys	247

Book reviews

C. O. CARTER reviews <i>Genetics</i> (By M. W. Strickberger)	273
M. E. J. WADSWORTH reviews <i>Delinquency in Girls</i> (By John Cowie, Valerie Cowie and Eliot Slater)	276
M. P. M. RICHARDS reviews <i>Genetic and Environmental Influences on Behaviour</i> (Edited by J. M. Thoday and A. S. Parkes)	281

Personal and Community Factors in Fertility Control

Proceedings of a Symposium organized by Syntex Pharmaceuticals Ltd,
Brighton, 25th September 1968

CLAIRE RUSSELL and W. M. S. RUSSELL. Sociological factors	289
EDWIN BROOKS. Political and economic factors	297
M. SHIRLEY EMERSON. Personal factors	307
MIRIAM MOORE-ROBINSON. Future prospects	315
HILARY HILL. Educational factors	321

JANET ASKHAM. Delineation of the lowest social class	327
GRACE WYSHAK. Intervals between births in families containing one set of twins	337
F. A. WHITLOCK and A. D. BROADHURST. Attempted suicide and the ex- perience of violence	353
R. L. CLIQUET. The sociobiological aspects of the National Survey on Fecun- dity and Fertility in Belgium	369
G. N. POLLARD. Multiple births in Australia, 1944-63	389

Lecture

C. P. McMEEKAN. Science and world animal production	405
---	-----

Book reviews

PETER SAINSBURY reviews <i>Student Suicide—A Study in Social Integration</i> (By P. A. Cresswell and G. A. Smith)	415
M. RODDA reviews <i>Noise and Man</i> (By William Burns)	416
ALAN E. H. EMERY reviews <i>Selected Topics in Medical Genetics</i> (Edited by C. A. Clarke)	419
Author and Subject Indexes to Volume 1	423

EUGENICS SOCIETY SYMPOSIA

SOCIAL AND GENETIC INFLUENCES ON LIFE AND DEATH

Edited by Robert Platt and A. S. Parkes

Proceedings of the third symposium held by the Eugenics Society in 1966

Conception, Pregnancy and Birth

P. E. POLANI: Occurrence and effect of human chromosome abnormalities. C. A. CLARKE: Recent developments in medical genetics. RAYMOND ILLSLEY: Family growth and its effects on the relationship between the obstetric factors and child functioning. THOMAS McKEOWN: Social and biological influences on foetal and infant deaths.

Some Major Causes of Illness: 1. Somatic illness

C. C. SPICER: Recent trends in mortality. J. N. MORRIS: Coronary thrombosis—progress and prospects. C. M. FLETCHER: Environmental and constitutional factors in the aetiology of lung cancer.

Some Major Causes of Illness: 2. Psychological illness

A. H. LEIGHTON: Some observations on the prevalence of mental illness in contrasting communities. KENNETH RAWNSLEY: Social influences on the prevalence of psychiatric disorder. ERWIN STENGEL: Genetic and social influences in the causation of suicide. NEIL KESSEL: Alcoholism.

Causes and Effects of Ageing

P. R. COX: Some economic and social consequences of ageing. MARTIN ROTH: Psychiatric aspects of old age. R. D. CLARKE: Ageing and mortality. J. M. HOLLINGSWORTH: Genetic studies on longevity.

1967 63s net

GENETIC AND ENVIRONMENTAL INFLUENCES ON BEHAVIOUR

Edited by J. M. Thoday and A. S. Parkes

Proceedings of the fourth symposium held by the Eugenics Society in 1967

Comparative Studies

R. A. HINDE: Dichotomies in the study of behaviour. P. L. BROADHURST: Experimental approaches to the evolution of behaviour. D. G. FREEDMAN: The ethological study of man.

Environmental Influences

J. B. CALHOUN: Environmental control over four major paths of mammalian evolution. JOHN BOWLBY: Effects on behaviour of disruption of an affectional bond.

Interrelations

J. W. B. DOUGLAS and J. M. ROSS: Characteristics of delinquent boys and their homes. A. S. PARKES: Seasonal variation in human sexual activity. S. G. VANDENBERG: Primary mental abilities or general intelligence? Evidence from twin studies.

Genetic Influences

H. J. EYSENCK: Genetics and personality. W. M. COURT BROWN, PATRICIA JACOBS and W. H. PRICE: Sex chromosome aneuploidy and criminal behaviour. J. G. M. SHIRE: Genes and hormones and behavioural variation. HANS KALMUS: The worlds of the colour blind and the tune deaf.

1968 70s net

OLIVER AND BOYD LIMITED

Tweeddale Court, 15 High Street, Edinburgh 1, Scotland

JOURNAL OF BIOSOCIAL SCIENCE

VOL. 1

OCTOBER 1969

NO. 4

Contents

JANET ASKHAM. Delineation of the lowest social class	327
GRACE WYSHAK. Intervals between births in families containing one set of twins	337
F. A. WHITLOCK and A. D. BROADHURST. Attempted suicide and the experience of violence	353
R. L. CLIQUET. The sociobiological aspects of the National Survey on Fecundity and Fertility in Belgium	369
G. N. POLLARD. Multiple births in Australia, 1944-63	389

Lecture

C. P. McMEEKAN. Science and world animal production	405
---	-----

Book reviews

PETER SAINSBURY reviews <i>Student Suicide—A Study in Social Integration</i> (By P. A. Cresswell and G. A. Smith)	415
M. RODDA reviews <i>Noise and Man</i> (By William Burns)	416
ALAN E. H. EMERY reviews <i>Selected Topics in Medical Genetics</i> (Edited by C. A. Clarke)	419
Author and Subject Indexes to Volume 1	423

The *Journal of Biosocial Science* is published quarterly, in January, April, July and October, forming one volume. The subscription rate for 1969 is £7 (US \$20.00) per annum, post free. The price for single issues is 37s 6d (US \$5.50). All correspondence and remittances relating to subscriptions, back numbers and reprints should be sent to the publishers: Blackwell Scientific Publications Ltd, 5 Alfred Street, Oxford OX1 4HB. Published by Blackwell Scientific Publications Ltd for the Galton Foundation. Under its Trust Deed the Foundation must apply all its resources towards the promotion of biosocial science.