
GENUS

Review founded by Corrado Gini

OFFICIAL PUBLICATION OF THE
ITALIAN COMMITTEE FOR THE STUDY
OF POPULATION PROBLEMS

PUBLISHED UNDER THE AUSPICES OF THE
NATIONAL RESEARCH COUNCIL

Editor: Nora Federici

VOLUME XXIV—N. 1-4

The Scientific Committee of the Review is composed by the Members of the Technical Committee of the C.I.S.P.: V. Castellano (University of Rome); P. Fortunati (University of Bologna); G. Genna (University of Rome); G. L'Eltore (University of Rome); G. A. Maccacaro (University of Milan); I. Scardovi (University of Bologna); President: Nora Federici.

CONTENTS

- N. FEDERICI: *Le tendenze della demografia e le prospettive del suo sviluppo.*
C. BENEDETTI: *Dinamica delle nascite e dinamica del reddito secondo uno stesso modello formale di sviluppo.*
E. ROSSET: *Perspectives de l'évolution future de la durée moyenne de la vie.*
A. GOLINI: *The influence of migration on fertility.*

NOTES AND ANALYTICAL REVIEWS

- F. SABATELLO: *Problemi e progressi della ricerca demografica ebraica: note metodologiche a proposito di una inchiesta sulla popolazione ebraica in Italia, ed alcuni risultati.*
S. DELLA PERGOLA: *La popolazione ebraica d'Italia: caratteristiche demografiche, economiche e sociali.*
E. LOMBARDO: *Un modello di riproduzione di una coorte umana in Italia. Simulazione stocastica.*
M. CAPIERI: *Ricerca sulla cultura popolare della Campania.*
A. PINNELLI: *La fecondità differenziale: rassegna delle indagini (parte II).*

BOOK REVIEWS

CONGRESSES AND MEETINGS

BIBLIOGRAPHY

Annual subscription price: \$10.00—Single Number \$6.00

Orders should be addressed to: Segreteria del Comitato Italiano per lo Studio dei Problemi della Popolazione (C.I.S.P.), via Ombrone, 8 00198 ROMA (Italy)

COMMONWEALTH BUREAU OF PLANT BREEDING AND GENETICS

DEPARTMENT OF AGRICULTURAL SCIENCE AND APPLIED BIOLOGY
CAMBRIDGE CB2 3DX, ENGLAND

Information on all topics concerned with the improvement of economic plants and microorganisms, in particular the methods and achievements of crop breeding, field trials, new varieties and strains, genetics and cytology, is given regularly in the journal

PLANT BREEDING ABSTRACTS

COMPILED FROM WORLD LITERATURE

Each volume contains around eight thousand abstracts from articles and reports in thirty to forty different languages, also reviews of new books and notices of new journals

ANNUAL SUBSCRIPTION

Rate to subscribers in Non-Contributing Countries £15. 15s. (\$41.00)

Rate to subscribers in Contributing Countries £8 per volume (including indexes)

Order through booksellers or to

COMMONWEALTH AGRICULTURAL BUREAUX
CENTRAL SALES BRANCH, FARNHAM ROYAL, SLOUGH, ENGLAND

Modern Trends in Human Genetics

1

Editor: **A. E. H. Emery**
MD, MSc, PhD, MRCPE

This first volume in the series on human genetics, featuring articles from eminent authorities from the UK and all over the world, focuses mainly on those aspects of the discipline which offer most prospect of development, while reflecting in the contributions the increasing diversity within genetics today.

407 29550 X 390 pages illustrated 95s

Available from leading booksellers or:

The Butterworth Group

88 Kingsway, London WC2



Genetical Research

is one of over 50 learned journals published by Cambridge University Press.

A descriptive catalogue of Cambridge journals, including details of back volumes, is available from the London and New York offices of the Press.

Cambridge journals may be ordered from a bookseller or direct from the publishers.

Cambridge University Press
Bentley House, 200 Euston Road
London, N.W. 1

American Branch: 32 East 57th Street
New York, N.Y. 10022

GENETICAL RESEARCH

VOLUME 15, NUMBER 2, APRIL 1970

CONTENTS

SUBDEN, R. E. <i>and</i> THRELKELD, S. F. H. Genetic fine structure of the albino (<i>al</i>) region of <i>Neurospora crassa</i>	page 139
BRIDGES, B. A., DENNIS, RACHEL E. <i>and</i> MUNSON, R. J. Mutagenesis in <i>Escherichia coli</i>	147
UNRAU, P. <i>and</i> HOLLIDAY, R. A search for temperature-sensitive mutants of <i>Ustilago maydis</i> blocked in DNA synthesis	157
LAND, R. B. Genetic and phenotypic relationships between ovulation rate and body weight in the mouse	171
CATTANACH, B. M., PEREZ, J. N. <i>and</i> POLLARD, C. E. Controlling elements in the mouse X-chromosome	183
LAW, C. N. <i>and</i> JENKINS, G. A genetic study of cold resistance in wheat	197
RILEY, RALPH <i>and</i> EWART, J. A. D. The effect of individual rye chromosomes on the amino acid content of wheat grains	209
MARUYAMA, TAKEO. On the fixation probability of mutant genes in a subdivided population	221
SEARLE, A. G. <i>and</i> TRUSLOVE, GILLIAN M. A gene triplet in the mouse	227
GLOVER, S. W. Functional analysis of host-specificity mutants in <i>Escherichia coli</i>	237
NARAIN, P. A note on the diffusion approximation for the variance of the number of generations until fixation of a neutral mutant gene	251
ROBERTSON, ALAN. The reduction of fitness from genetic drift at heterotic loci in small populations	257
BOWMAN, PATRICIA <i>and</i> McLAREN, ANNE. Cell number in early embryos from strains of mice selected for large and small body size	261

CAMBRIDGE UNIVERSITY PRESS

Bentley House, 200 Euston Road, London N.W. 1

American Branch: 32 East 57th Street, New York, N.Y. 10022

SUBSCRIPTION £5 net (U.S.A. \$16.50) per volume

SINGLE PARTS 45s. net (U.S.A. \$7.00)