

# GENETICAL RESEARCH

VOLUME 22, NUMBER 2, OCTOBER 1973

## CONTENTS

FRANKLIN, J. Further studies on the maintenance of mate-killer (mu) particles in Stock 540 <i>Paramecium aurelia</i>	page 135
LANGE, WOUTER and RILEY, RALPH. The position on chromosome 5B of wheat of the locus determining crossability with rye	143
BRUCE, W. ROBERT, FURRER, RUDOLF, GOLDBERG, ROBERT B., MEISTRICH, MARVIN L. and MINTZ, BEATRICE. Genetic control of the kinetics of mouse spermatogenesis	155
MITCHELL, I. DE G. and BEVAN, E. A. Definition of the blue mutant phenotype and its genetic basis in <i>Saccharomyces cerevisiae</i>	169
NORTH, JANE and LEWIS, D. Variation in the basal level of alkaline phosphatase in <i>Coprinus lagopus</i> wild-type strains	181
MOORE, DAVID. Variability of recombination frequencies in the <i>ptr</i> cistron of <i>Coprinus</i> and its influence on the identification of marker effect alleles	187
STROBECK, CURTIS. The three locus model with multiplicative fitness values	195
SHORT PAPERS	
OHTA, TOMOKO and KIMURA, MOTOO. A model of mutation appropriate to estimate the number of electrophoretically detectable alleles in a finite population	201
MOORE, DAVID. Mutants of <i>Coprinus</i> selected for resistance to D-glucosamine and L-sorbose	205
THOMPSON, JAMES N. JR. General and specific effects of modifiers of mutant expression	211
REEVE, E. C. R. The lactose system in <i>Klebsiella aerogenes</i> V9A 3. Specific repression of the <i>lac</i> operon by melibiose and raffinose	217

© Cambridge University Press, 1973

CAMBRIDGE UNIVERSITY PRESS

Bentley House, 200 Euston Road, London NW1 2DB

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

SUBSCRIPTION £7.50 net (U.S.A. and Canada US \$25.00) per volume.

SINGLE PARTS £3.00 net (U.S.A. and Canada US \$9.50)

Printed in Great Britain at the University Printing House, Cambridge