

PLATES should only be included where absolutely essential. They should be supplied as unmounted glossy prints; any lettering to be inserted on them is *best indicated on a separate sketch*. Please do not damage prints by writing heavily on their backs or by using paper clips.

DIAGRAMS should be about twice the size of the finished block, and the thickness of lines and size of points determined accordingly. They must be drawn in Indian ink on white Bristol Board or tracing linen; graph paper ruled in pale blue (but not other colours) is also acceptable. Lettering should be lightly inserted in soft pencil only, so that the printer can put in the finished lettering.

Legends to illustrations must be given on a separate sheet of paper. Each illustration must have the name of the author and figure number pencilled on the back. Plates and diagrams should be numbered separately and their position indicated on the typescript. It will hasten refereeing if a photograph of each diagram can be supplied with the carbon copy of the paper.

TABLES should each be typed on a separate sheet of paper and their approximate positions in the text indicated on the typescript. Each table should be numbered and carry an appropriate title. The table should be designed, whenever possible, to be printed in the normal orientation of the text. The data should be grouped so as to make the use of rules unnecessary. Vertical rules, in particular, are expensive to print, and will only be included at the Editor's discretion.

FOOTNOTES should be avoided where possible. They can often be incorporated into the text, in parentheses.

SYMBOLS. Italic letters should generally be adopted for both gene symbols and quantities in mathematical formulae. Bold letters add to printing costs, and should only be used where they are necessary to avoid confusion.

SPELLING should follow the *Concise Oxford Dictionary*.

REFERENCES should follow the normal usage in the journal. In the list of references at the end of the paper, titles of periodicals should be abbreviated according to the *World List of Scientific Periodicals* (third edition).

PROOFS. Two sets of single-sided page proofs, together with the typescript, of each paper will be sent to the author. The printers' marked proof should be returned after correction to the Executive Editor. Excessive alterations, other than corrections of printers' errors, may be disallowed or charged to the author. Correction should be made using the symbols in British Standard 1219: 1958, or its shortened version B.S. 1219C: 1958.

Proofs of short notes will only be sent to authors if time permits.

OFFPRINTS. Fifty offprints of each paper, including short notes, are provided free of charge. Additional offprints may be ordered on the form sent out with proofs, provided this is returned within seven days of receipt.

CONTENTS

BOWLER, K. and HOLLINGSWORTH, M. J. The effect of inbreeding on temperature acclimatization in <i>Drosophila subobscura</i>	page 1
DORN, G. Genetic analysis of the phosphatases in <i>Aspergillus nidulans</i>	13
WHITEHOUSE, H. L. K. and HASTINGS, P. J. The analysis of genetic recombination on the polaron hybrid DNA model	27
SAKAI, KAN-ICHI and SHIMAMOTO, YOSHIYA. A developmental-genetic study on panicle characters in rice, <i>Oryza sativa</i> L.	93
HOLLIDAY, ROBIN. Induced mitotic crossing-over in relation to genetic replication in synchronously dividing cells of <i>Ustilago maydis</i>	104
FINCHAM, J. R. S. and STADLER, D. R. Complementation relationships of <i>Neurospora am</i> mutants in relation to their formation of abnormal varieties of glutamate dehydrogenase	121
WILKIE, D. and LEE, B. K. Genetic analysis of actidione resistance in <i>Saccharomyces cerevisiae</i>	130
MOURAD, ABD EL-KHALEK. Genetic divergence in M. Vetukhiv's experimental populations of <i>Drosophila pseudoobscura</i> . 2. Longevity	139
CLOWES, R. C., MOODY, E. E. M. and PRITCHARD, R. H. The elimination of extrachromosomal elements in thymineless strains of <i>Escherichia coli</i> K12	147
GLOVER, S. W. and COLSON, C. The breakdown of the restriction mechanism in zygotes of <i>Escherichia coli</i>	153