

## INDEX OF SUBJECTS

- allozyme variation in *Daphnia*, 13-23  
    *Hordeum*, 49-62
- analysis of human behaviour, 249-320
- ancestor pedigrees and genotypes, 125
- assortative mating-sexual selection models,  
    165-174
- B chromosome, giemsa staining of, in  
    *Fritillaria*, 191-103
- and multivalent formation in grasses,  
        227-231
- effects of, on development, 347-356
- selection in rye, 35-48
- canalisation of *sc*<sup>1</sup> action in *Drosophila*,  
    105-107
- chromosomal aberrations, 420-421
- radiosensitivity in hamster, 423
- chromosome aneuploidy, 127
- banding in grasshopper, 131-136
- difference in orangutans, 127
- variation in a butterfly, 63-67
- chromosomes in malignancy, 416-417
- clinical genetic studies, 423, 424, 425
- correlation of stigma proteins with *S*-alleles,  
    93-100
- cross-over interference, 233-237
- cytogenetical studies in wheat, 71-82
- day-length response in wheat, 185-191
- design of selection experiments, 371-376
- differential fertility in *Peromyscus*, 25-34
- DNA, supplementary, in flowering plants,  
    415
- synthesis in human and ape chromosomes,  
        422
- dye resistance determination in yeast, 121
- effects of B chromosomes on development,  
    347-356
- enzyme inducibility in lung cancer, 421
- evolutionary stability of sex ratio in wood  
    lemming, 205-214
- female sterility, non-Mendelian, in *Droso-*  
    *phila*, 357-369
- gene conversion spectra, 418
- studies in *Aspergillus nidulans*, 128
- genes for isolation on rearranged chromo-  
    somes, 377-383
- genetic control of antibody response in mice  
    418
- diversity and migration, 126
- parameter estimation, 407
- genetic studies in wheat, 71-82, 185-191
- of parthenogenesis, 13-23
- variation in *Daphnia*, 13-23
- genetics of hydroxyacid oxidase isozymes in  
    mouse, 403-406
- of partial male sterility in plants, 137-  
        153
- of R-M systems in *Haemophilus*, 123  
        in *Salmonella*, 123
- genotype-environment interaction, 83-92
- genotypes of ancestors, 125
- growth, pattern of, and environmental  
    sensitivity, 175-183
- gynandromorphs, studies on, in *Drosophila*,  
    193-203
- heterozygosity and outcrossing rates in  
    *Hordeum*, 49-62
- and polymorphisms, 327-333
- interchange, in rye, 1-12
- human behaviour, analysis of, 249-320
- population studies, 124-125, 125, 126,  
        127, 419-420
- Y chromosome gene sequences, 413
- identification of *Poa* hybrids, 215-225
- inheritance of allozymes, 399-402
- of barbiturate sleeping time in mice, 418
- inherited cancer-prone syndromes, 422-423
- laryngeal paralysis, 420
- interchange heterozygosity in rye, 1-12
- karotype of *Cepaea*, 321-325
- linkage disequilibrium in multi-allele loci,  
    155-163
- male sterility and evolution in plants,  
    137-153
- mating mixtures in *E. coli* K12, 122
- systems in isopods, 385-397
- meiotic drive in mosquito, 419
- molecular relationships of *Pseudomonas*  
    plasmids, 122
- monosomic analysis of rust resistance, 71-82
- morph-frequency in *Cepaea*, 335-346
- multivariate methods for identifying  
    hybrids, 215-225
- mutations in *Aspergillus nidulans*, 128, 129

- natural selection in *Peromyscus*, 25-34  
 non-disjunctional mutation of *Drosophila*,  
 193-203  
 non-Mendelian female sterility in *Drosophila*, 357-369  
 nucleotide sequence changes, 413-414
- outcrossing rates in *Hordeum*, 49-62
- Phosphoglucomutase (PGM) phenotypes,  
 419-420  
 polymorphisms in Burmese, 126  
 population studies in man, 124-125, 125,  
 126, 127
- restriction-deficient mutants, 122-123  
 -modification system, 124  
 ribosomal RNA, localisation of, 413
- S-alleles and stigma proteins, 93-100  
 satellite association in acrocentric  
 chromosomes, 421
- DNA of cereals, 414  
 of human chromosomes, 414  
 of insects, 415  
 selection experiments, design of, 371-376  
 for male fertility in plants, 137-153  
 B chromosomes, in rye, 35-48  
 performance and sensitivity, 175-183  
 of interchange heterozygotes, 1-12  
 self-tolerance and  $F_1$  response, 419  
 sex-ratio and inbreeding in wood lemming,  
 205-214  
 sexual selection with assortative mating,  
 165-174  
 synaptonemal complex and crossing over,  
 233-237
- tetraploid *Briza* hybrids, B chromosomes in,  
 227-231  
 triple test cross analysis, 83-92
- UV irradiation mutagenesis in yeast, 121
- variation in chromosome number, 63-69