

## VOLUME 50

## INDEX OF SUBJECTS AND AUTHORS

Only main topics are listed, and reference is given to the first page of each paper in which they are discussed

- Agropyron intermedium*, 91  
 Agulnik, A. I., 235  
 Agulnik, S. I., 235  
 Al-Doori, Z., 87  
 Andersen, N., 113  
 Andersen, S., 7  
 Anxolabéhère, D., 99  
*Antibiotic Resistance Genes: Ecology, Transfer and Expression*,  
 Ed. S. B. Levy and R. P. Novick – book review, 253
- Ball, S. T., 239  
 Barnett, S. A., 199  
 Barton, N. H., 35  
 Belyaev, D. K., 235  
 Bochkarev, M. N., 23  
 book reviews, 79, 167, 253  
 Brock, D. J. H., 167  
 Budimir, O., 137  
*Build Your Own DNA Kit*. W. G. Thilly and A. Varshavsky – book  
 review, 169  
 Bulfield, G., 213, 239  
 Burns, J. E., 147
- Cariou, M. L., 181  
 Cauderon, Y., 91  
 Chigusa, S. I., 105
- Damerval, C., 1  
*Developmental Mutants in Higher Plants*. Ed. H. Thomas and  
 D. Grierson – book review, 255  
 De Vienne, D., 1  
 Dickson, R. G., 199  
*Dictionary of Biotechnology*, R. Schmid and S. Fukui – book review,  
 79  
*Differentiation of Protoplasts and of Transformed Plant Cells*,  
 Vol. 12. Ed. J. Reinhart and H. Binding – book review, 80  
*Drosophila, a Practical Approach*. Ed. D. B. Roberts – book review,  
 81  
*Drosophila busckii*, rDNA spacer, 173  
*D. melanogaster*, *dsx* (double sex), 113  
   *ix* (intersex), 113  
   *P-M* cytotype polymorphism, 99  
   *P-M* hybrid dysgenesis, 73, 105  
   *P-M* induction and suppression, 105  
   sterility—mutability and *P-M*, 73  
   subgroup species biochemical phylogeny, 181  
   *tra* (transformer), 113  
*D. oreana*, biochemical phylogeny, 181  
*D. sechellia*, biochemical phylogeny, 181  
*D. simulans*, linkage disequilibrium and drift, 187
- Electron Microscopy in Molecular Biology: A Practical Approach*.  
 Ed. J. Sommerville and V. Scheer – book review, 168  
 Erfle, V., 219  
 Erickson, R. P., 225  
 erratum (48, 175); (49, 11), (47, 83); (50, 17), 77, 165, 251
- Escherichia coli rpoB* transcription in other Gram-negative bacteria,  
 87  
*Evolutionary Monographs*. Vol. 7, C. T. De Wit – book review, 82
- Favor, J., 219  
 Figueroa, F., 137  
 Flavell, A. J., 81  
 Ford, P., 82  
 Forster, B. P., 91  
 Forsyth, S. A., 91  
 Foster, G. G., 125
- Gale, M. D., 91  
 Gerschwiler, P., 113  
 Golubić, M., 137  
 Graves, J. A. M., 131  
 Grüter, A., 113
- Hagiwara, N., 105  
 Hanash, S., 225  
 highly repeated DNA – accumulation model, 41  
 Highton, P. J., 169  
 Hill, W. G., 83  
 Hudson, R. R., 245  
*Human Genetics: Problems and Approaches*. F. Vogel and A. G.  
 Motulsky – book review, 167  
 human haptoglobin  $\alpha$ -chain heterogeneity, 17  
 Hunt, S. E., 205
- Introduction to Molecular Embryology*. J. Brachet and H. Alexandre  
 – book review, 255
- Jacob, J., 168  
 John, H. A., 168
- Kacser, H., 147  
 Kasahara, M., 137  
 Katz, M., 187  
 Keller, W., 113  
 Klein, J., 137  
 Koebner, R. M. D., 91  
 Krider, H. M., 173  
 Kulbakina, N. A., 23
- Lamothe, E., 195  
 Leist, C., 113  
 Leonardi, A., 1  
 Leuthold, M., 113  
*Lucilia cuprina*, compound autosomes and X-chromosome non-  
 disjunction, 125  
 Lyon, M. F., 29
- Maddern, R. H., 125  
 marsupial-mammal X-chromosome evolution, 131  
 Matsuura, E. T., 105  
 Mayer, W. E., 137

- Meyer, M. N., 23  
*Microtus* spp. X-inactivation and interspecific hybrids, 23  
 Middleton, R. J., 213  
 Miller, T. E., 91  
 Mottwoch, U., 205  
 Montchamp-Moreau, C., 187  
 mouse, chromosome 17 Robertsonian translocation segregation, 235  
   cold adaptation, 199  
   *d* (dilute) reverse mutation, 219  
   DNA polymorphisms, 69  
   *dr* (dreher), 147  
   growth selection and dietary protein, 7  
   *H-2* class II gene sequences, 137  
   *Hdc-a* (testosterone-responsive histidine decarboxylase), 213  
   histidinaemia teratogenesis, 147  
   inbred strain polymorphisms, 69  
   protein in diet and growth selection, 7  
   testicular protein variants, 225  
   testis size and Y-chromosome, 205  
   *t*-haplotype, distorter and responder interaction, 29  
   *Tpi-1* (triose phosphate isomerase), 239  
   Y-chromosomal polymorphisms, 69  
   Y-chromosome (repetitive DNA) variation in ssp., 195
- Nadeau, J. H. – erratum, 77  
 Nakamura, G., 105  
*Natural History of the Major Histocompatibility Complex*. J. Klein – book review, 167  
 neutral mutation proportion estimates, 155  
 Nielsen, B. V. H., 7  
 Nishioka, Y., 69, 195  
 Nöthiger, R. 113
- Oncogenes and Growth Control*. Ed. P. Kahn and T. Graf – book review, 82  
*On Competition*. C. T. De Wit – book review, 82  
 ornithine transcarbamylase (OTC) in marsupials and monotremes, 131
- Peters, J., 239  
 Purdom, I. F., 17
- Radjabli, S. I., 23  
 Reader, S. M., 91  
 Reeve, E. C. R., 79, 167, 253  
 ribosomal DNA spacer in *Drosophila busckii*, 173  
 RNA polymerase from *E. coli*, 87  
 Robertson, F. W., 255  
 Ronsseray, S., 99  
 Roost, M., 113  
 Ruvinsky, A. O., 235
- satellite DNA accumulation model, 41  
 Schmid, H., 113  
 Schneider, J., 225  
 Schoepfer, R., 137  
 Semenova, L. A., 23  
 Serov, O. L., 23  
 Simmons, G. M., 73  
 Sinclair, A. H., 131  
 Slatkin, M., 53  
 Slavicek, J. M., 173  
 Smith, C. A. B., 82  
 Smith, S. M., 80  
 stabilising selection, variation and heterozygosity, 53  
 Stephan, W., 41  
 Strauss, P. G., 219
- Triticum aestivum*, 91
- Veterinary Genetics*. F. W. Nicholas – book review, 83  
 vole X-inactivation in interspecific hybrids, 23
- Watterson, G. A., 155  
 wheat/*Agropyron* addition lines, 91  
 Williamson, K., 213  
 Wright, A. J., 63  
 Wrigley, J. M., 131
- X-chromosome evolution in marsupials and mammals, 131  
 X-inactivation in interspecific vole hybrids, 23
- Zakian, S. M., 23  
*Zea mays*, inheritance of protein amounts, 1  
 Zenthon, J., 29