TEMPERATURE-SENSITIVE VIRESCENT MAIZE

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VOLUME 68  NUMBER 5
ARTICLES

Perspectives on today's genetics and tomorrow's progeny ........................................... Margery W. Shaw 274
Confirmation of a gene for dominant dilution of horse colors .......................... L. D. Van Vleck and M. Davitt 280
Temperature sensitivity of virescent mutants of maize ............................. W. G. Hopkins and D. B. Walden 283
Characterization of human heteroploid cell line J-111: Reverse banding patterns of marker chromosomes .................................................. R. S. Verma, H. Dosik, and K. S. Lavappa 287
Linkage in wheat of the \( H_2 \) and \( H_6 \) genetic factors for resistance to Hessian fly ........................................ F. L. Patterson and R. L. Gallun 293
Heritability in retrospect .................................................................................. A. Earl Bell 297
Genetic analysis of natural populations of \( Poeciliopsis \) monacha: Allozyme inheritance and pattern of mating ........................................ James F. Leslie and Robert C. Vrijenhoek 301
The occurrence of diploid ova in \( Rana \) pipiens ........................................ Christina M. Richards and George W. Nace 307
Genetic variation of amylases in deermice ........................................ Mary Grace Evans, Louis L. Huang, and Wallace D. Dawson 313
Successful ovary culture and production of F\(_1\) hybrids and androgenic haploids in Japanese \( Chrysanthemum \) species ........................................ Kuniaki Watanabe 317

NOTES

Effect of seedcoat color on protein and oil content of soybeans .................. V. D. Luedders 321
Variation of the recombination fraction in \( Drosophila melanogaster \) females ........................................ R. S. Broadhead, J. F. Kidwell, and M. G. Kidwell 323
Inheritance of weak midrib of sorghum ...................................................... A. J. Casady and G. H. Liang 326
Umbrous: a dominant darkening gene in the Syrian hamster ................................ Roy Robinson 328
Interspecific allelism and maternal effect of eye color in spider mites ................................ Dana L. Wrensch and Michael P. Murtaugh 329
Myelin deficient, a new neurological mutant in the mouse ........................................ Donald P. Doolittle and Kathleen M. Schweikart 331
Studies on assortive mating: I. An exact solution for a model of Naylor .................................................. P. A. Otto 332
Mutant allele frequencies in domestic cats of Vancouver, British Columbia ...................................................................................... B. Blumenberg, R. B. Lowry, and G. Blumenberg 333
Inheritance of brain weight in two strains of mice ........................................ Thomas N. Seyfried and W. L. Daniel 337
Increased chiasma frequency in some hybrids of pearl millet ........................................ H. K. Srivastava and H. S. Balyan 338
Gametic frequencies with multiple alleles under forward and backward mutation and selection ........................................ Pedro Aguado 341
Constitutive heterochromatin in \( Rana \) ridibunda ........................................ P. Raicu and C. Geormâneanu 343

THE COVER: Wild-type (left) and virescent (right) maize seedlings showing the effect of a temperature shift on greening of the mutant. Both seedlings were grown at 30°C for 7 days, at which time the third leaf could be seen emerging from the whorl. Both seedlings were then transferred to 20°C for an additional 9 days. Note that the proximal one-half portion of the third leaf and most of the fourth leaf of the mutant (vl6/vl6) seedling are deficient in chlorophyll, but the wild type is unaffected. (See Temperature sensitivity of virescent mutants of maize, page 283.)