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1146 Microinjected DNA from the X Chromosome Affects Sex Determination in Caenorhabditis elegans: W. K. McCoubrey, K. D. Nordstrom, P. M. Meneely

Reports

COVER  Colonies of the social wasp, Polybia occidentalis (yellows have been enhanced by the electronic flash), often have multiple queens as do colonies of many other neotropical wasps. The presence of multiple egg layers is expected to lower relatedness within colonies. The first estimates of relatedness for these wasps show that it is very low in one species, but in two other species it is not markedly lower than relatedness in some single-queen species. See page 1155. [Colin R. Hughes, Department of Biology, Rice University, Houston, TX 77251]

1155  Genetic Relatedness in Colonies of Tropical Wasps with Multiple Queens: D. C. QUELLER, J. E. STRASSMANN, C. R. HUGHES

1157  Nitrogen Fixation by Anaerobic Cellulolytic Bacteria: S. B. LESCHINE, K. HOLWELL, E. CANALE-PAROLA

1159  An in Vitro System for Accurate Methylation of Internal Adenosine Residues in Messenger RNA: P. NARAYAN and F. M. ROTTMAN


1164  Intron Existence Predated the Divergence of Eukaryotes and Prokaryotes: M.-C. SHIH, P. HEINRICH, H. M. GOODMAN

1166  HIV-Infected Cells Are Killed by rCD4-Ricin A Chain: M. A. TILL, V. GHETIE, T. GREGORY, E. J. PATZER, J. P. PORTER, J. W. UHR, D. J. CAPON, E. S. VITETTA

1168  Fidelity of HIV-1 Reverse Transcriptase: B. D. PRESTON, B. J. POESZ, L. A. LOEB

1171  The Accuracy of Reverse Transcriptase from HIV-1: J. D. ROBERTS, K. BEBENEK, T. A. KUNKEL

1174  Demethylated CD8 Gene in CD4+ T Cells Suggests That CD4+ Cells Develop from CD8+ Precursors: A. M. CARBONE, P. MARRACK, J. W. KAPPFER

1176  Inositol 1,3,4,5-Tetakisphosphate Induces Ca2+ Sequestration in Rat Liver Cells: T. D. HILL, N. M. DEAN, A. L. BOYNTON

Book Reviews

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Editor's Summary

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