Genetics of Growth Habit and Development of New Coleus (Solenostemon scutellarioides (L.) Codd) Varieties with Trailing Habit and Bright Color
Phuong Nguyen, Kenneth Quesenberry, and David Clark

The First Sex-Specific Molecular Marker Discovered in the Moss Pseudocalliogram trifarium
Helena Korpelainen, Irene Bisang, Lars Hedena¨s, and Johanna Kolehmainen

Inheritance of Resistance to Phomopsis Seed Decay in PI 360841 Soybean
Sherrie Smith, Patrick Fenn, Pengyin Chen, and Eric Jackson

Genetic and Linkage Analysis of Purple–blue Flower in Soybean
Ryoji Takahashi, Hisakazu Matsumura, Maurice E. Oyoo, and Nisar A. Khan

Genetic Confirmation of 2 Independent Genes for Resistance to Soybean Mosaic Virus in J05 Soybean Using SSR Markers Amid Shigengyin, Chen Dexiao X. Li, Cuming Zheng, Anfu Hou, and Bo Zhang

Spatial Genetic Structure of the Southeastern North American Endemic, Ceratiola ericoides (Empetraceae)
Dorset W. Trapnell, John Paul Schmidt, and J. L. Hamrick

Molecular Evidence for Multiple Paternity in a Feral Population of Green Swordtails
Leigh W. Simmons, Maxine Beveridge, and Jonathan P. Evans

Effects of Microsatellite Null Alleles on Assignment Testing
Jens Carlson

Detection of Olfactory Receptor Transcripts in Bird Testes
Silke S. Steiger, Andrew E. Fidler, and Bart Kempenaers

Identification of Quantitative Trait Loci Affecting Cattle Temperament
Beatriz Gutiérez-Gil, Nia Ball, Deborah Burton, Marie Haskell, John L. Williams, and Pamela Wiener

An Epistatic Genetic Basis for Physical Activity Traits in Mice
Larry J. Leamy, Daniel Pomp, and J. Timothy Lightfoot

Brief Communications
Evolution and Differentiation of the Prion Protein Gene (PRNP) among Species
Zhou Rongyan, Li Xianglong, Li Lanhui, Li Xiangyun, and Feng Fujun

Failure to Replicate Two Mate Preference QTLs across Multiple Strains of Drosophila pseudoobscura
Callie V. Barnwell and Mohamed A. F. Noor

The Prunus Self-Incompatibility Locus (S locus) Is Seldom Rearranged
Jorge Vieira, Raquel A. M. Santos, Tsuyoshi Habu, Ryutaro Tao, and Cristina P. Vieira

Determining the Role of 'Tie-Dyed' in Starch Metabolism: Epistasis Analysis with a Maize ADP-Glucose Pyrophosphorylase Mutant Lacking Leaf Starch
Thomas L. Slewinski, Yi Ma, R. Frank Baker, Mingshu Huang, Robert Meeley, and David M. Braun

Cytogenetic Studies in A4 Cytoplasmic-Nuclear Male-Sterility System of Pigeonpea
Vijay A. Dalvi, Kul B. Saxena, Indradas A. Madrap, and Vijay K. Ravikoti

Fertility Restoration in Cytoplasmic-Nuclear Male-Sterile Lines Derived from 3 Wild Relatives of Pigeonpea
Vijay A. Dalvi, Kul B. Saxena, and Indradas A. Madrap

Positioning 3 Qualitative Trait Loci on Soybean Molecular Linkage Group E
Reid G. Palmer and M. Xu

Fine Mapping of “Mini-Muscle,” a Recessive Mutation Causing Reduced Hindlimb Muscle Mass in Mice
John Hartmann, Theodore Garland Jr, Robert M. Hannon, Scott A. Kelly, Gloria Muñoz, and Daniel Pomp

High Degree of Transferability of 86 Newly Developed Zebra Finch EST-Linked Microsatellite Markers in 8 Bird Species
Nikoletta Karaiskou, Laura Buggiotti, Erica Leder, and Craig R. Primmer

Computer Notes
Nb...HetEx: A Program to Estimate the Effective Number of Breeders
Oxana L. Zhdanova and Alexander I. Pudovkin

Mining the Bovine Genome with the “Bovine SNP Retriever”
Francesca Panzitta, Andrea Caprera, Ivan Merelli, Luciano Milanese, John L. Williams, Barbara Lazzeri, and Alessandra Stella

Erratum

Announcements

The cover.
Development of ‘H05-66-5’ with more trailing habit than RQ and bright orange color similar to S. (See Nguyen et al. pp. 573–580).