The Impact of Landscape Disturbance on Spatial Genetic Structure in the Guanacaste Tree, *Enterolobium cyclocarpum* (Fabaceae)
Eva Gonzales, James L. Hamrick, Peter E. Smouse, Dorset W. Trapnell, and Rod Peakall

Simultaneous Evaluation of Paternal and Maternal Immigrant Gene Flow and the Implications for the Overall Genetic Composition of *Pinus densiflora* Dispersed Seeds
Masakazu G. Iwaizumi, Makoto Takahashi, Atsushi Watanabe, and Masatoshi Ubukata

Genealogical Relationship among Members of Selection and Production Populations of Yellow Cedar (*Callitropsis nootkatensis* [D. Don] Oerst.) in the Absence of Parental Information
Nasim Massah, Jinliang Wang, John H. Russell, Annette Van Niejenhuis, and Yousry A. El-Kassaby

Female Reproductive Success Variation in a *Pseudotsuga menziesii* Seed Orchard as Revealed by Pedigree Reconstruction from a Bulk Seed Collection
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Reciprocal Translocations in Grass Pea (*Lathyrus sativus* L.): Pattern of Transmission, Detection of Multiple Interchanges and their Independence
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Phylogenetic Analysis of Subgenus Vigna Species Using Nuclear Ribosomal RNA ITS: Evidence of Hybridization among *Vigna unguiculata* Subspecies
Archana Vijaykumar, Ajay Saini, and Narendra Jawali

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The α Glycerophosphate Cycle in *Drosophila melanogaster* VI. Structure and Evolution of Enzyme Paralogs in the Genus *Drosophila*
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QTL Mapping for Photoperiod Insensitivity of a Japanese Soybean Landrace Sakamotoswase
Baohui Liu and Jun Abe

SPAGHETTI: Simulation Software to Test Genetic Mapping Programs
Nicholas A. Tinker

The guanacaste tree, *Enterolobium cyclocarpum*, is a dominant tree of Central American dry forests. Allozyme analyses of trees demonstrate that spatial genetic structure patterns are strongly influenced by landscape disturbance by livestock (see Gonzales et al., pp. 133-143). Photos of tree, seedpod and seeds by Eva Gonzales, photo of seedlings by Cristina Garcia.