

POLLINATION AND PLANT REPRODUCTION

WEDNESDAY JULY 18, AFTERNOON

136 Seedling establishment of epiphytes in coffee plantations and forests

Scheffknecht Susanne, Winkler Manuela, Mata Rosas Martin, Garcia-Franco Jose Guadalupe and Hietz Peter
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156 Dispersal modes and fruit morphology of tree species in the tropical rain forest of Mexico

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176 Germination and seed viability of *Bursera copallifera* (DC.) Bullock (Burseraceae), a common tropical dry forest tree of Morelos, Mexico

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218 Propagation by cuttings of four *Bursera* species

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245 Seed rain after a fire in a xerophytic shrubland

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266 Vegetative propagation of some tropical dry forest native species in abandoned agriculture lands in Nizanda, Oaxaca.

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283 Seed bank variability among agriculture fields in a tropical dry forest region

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293 Seed bank successional variation after slash-and-burn agriculture in a seasonally dry tropical forest

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308 Sex ratio, growth rates and phenology of *C. schereberiana*, a dioecious tree in the Luquillo Forest Dynamics Plot, Puerto Rico

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365 Floral morph and cross type effects on germination and seedling survival of *Ruellia nudiflora* (Engelm. & Gray) Urban (Acanthaceae)

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366 Seed production and autonomous self-pollination ability differ between the narrowly distributed *I. rubriflora* and its widespread congener *I. purpurea* (Convolvulaceae)

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404 Recruitment patterns in tree species with different dispersal strategies in Peruvian Amazonian forest

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488 Microenvironmental factors of seedling establishment and growth of a harvested understory palm, *Chamaedorea radicalis*

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510 Is *Gymnopodium floribundum* (Polygonaceae) a clonal tree?

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537 Biotic seed dispersal of the columnar cacti *Neobuxbaumia mezcalaensis* (Bravo) Backeberg in the Tehuacan Valley

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557 Ovule fate in *Bauhinia brevipes* Vog. (Fabaceae), an endemic species of Brazilian Cerrado

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563 Phenotypic plasticity in seed germination of *Miconia albicans* SW Triana (Melastomataceae): are there phylogenetic constraints?

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622 Propagation of *Lavoisiera imbricata* (Melastomataceae), a common species from Brazilian rock outcrops with economic potential

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630 Rarity effects of micro-habitat, phenology and reproductive success in two Gesneriaceae from the endangered Brazilian rock outcrops.

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633 Reproductive success of *Laelia speciosa* (HBK) Schltr. (Orchidaceae) in two populations under different disturbance conditions in Michoacan, Mexico.

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106 Sexual Reproduction and Pollination Agents of *Chamaecrista glandulosa* var. *mirabilis* (Leguminosae: Cesalpinioidea)

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226 Determination of reproductive characteristics of *Lulo Solanum quitoense* and effect of the pollination with *Bombus atratus* (Hymenoptera: Apidae) on the production.

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262 Pollination and seed dispersal patterns in three successional stages in a tropical dry forest in southeastern Brazil

Pezzini Flavia Fonseca, Ranieri Bernardo Dourado, Brandao Diego, Madeira Bruno Gini, Espirito-Santo Mario Marcos, Fernandes Geraldo Wilson and Jacobi Claudia Maria
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399 Pollinator attraction to different flower morphs of *Bauhinia pauletia* Pers (Fabaceae)

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432 Pollination Biology of *Agave potatorum* in the Tehuacan-Cuicatlan Valley, Mexico

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523 Morphological variation in flowers of the sexually polymorphic tree *Jacaratia mexicana* (Caricaceae)

Aguirre Armando, Vallejo-Marin Mario, Piedra-Malagon Eva, M., Cruz-Ortega Rocio and Dirzo Rodolfo
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714 Nectar traits of bat-pollinated flowers in a Tropical Dry Forest

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