

FOREST FRAGMENTATION AND CONSERVATION GENETIC

MONDAY JULY 16, AFTERNOON

32 Assessment of man-animal conflicts with special reference to the livestock depredation by lion (*Panthera leo persica*) and leopard (*Panthera pardus*) in Gir Ecosystem, India.

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44 Phylogeography and conservation genetics of the Neotropical palm *Mauritia flexuosa* (Arecaceae)

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150 Effects of anthropogenic disturbances on the regeneration and population dynamics of *Bursera glabrifolia* in a tropical dry forest.

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181 Extensive gene flow in *Carapa guianensis* populations among fragmented habitats in the Osa Peninsula, Costa Rica

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272 Rainforest Fragmentation and the Establishment of an Arboreal Palm (*Oenocarpus bacaba* Mart.) in Central Amazonia

Brum Heloisa D., Nascimento Henrique E. M., Laurance William F., Andrade Ana C. S. and Laurance Susan G.

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318 Land-cover change and patterns of tree infection by the mistletoe *Dendropemon caribaeus* (Lorantaceae) in northern Puerto Rico.

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356 Determinants factors of dung beetles species richness (Coleoptera Scarabaeidae) in semideciduous forest fragments from Lavras - Brazil.

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367 Effect of forest fragmentation on fruit and seed predation of the tropical dry forest tree *Ceiba aesculifolia*

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436 Soil enzyme dynamics associated to C, N and P availability in a disturbed tropical dry ecosystem

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490 Effects of tropical dry forest fragmentation on progeny vigor of *Ceiba aesculifolia* (Bombacaceae)

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564 The effects of habitat fragmentation on the interaction between larvae of Lepidoptera

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584 Leafing phenology of abundant tree species in fragmented and continuous rain forests in Central Amazonia

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626 Fragments of tropical rain forest on Tabasco, Mexico

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657 Seed survival and germination and seedling density of a tropical tree (*Dialium guianense*) dispersed by howler monkeys in rainforest fragments in Northern Chiapas, Mexico

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468 Genetic diversity of *Tillandsia recurvata* L. (Bromeliaceae) on their two main phorophytes at Zapotitlan Valley, Mexico

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504 Natural hybridization between cassava and a wild relative: implications for conservation

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540 Ecological and evolutionary implications of hybridization between transgenic virus-resistant cultivars of *Cucurbita pepo* and wild *Cucurbita argyrosperma*

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608 Genetic diversity of Green Stick (*Parkinsonia praecox*, Leguminosae) a useful firewood specie in Colonia San Martin, Tehuacan Valley in Puebla, Mexico.

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536 Diversity of fungus in Tabasco, Mexico

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617 Comparing the genetic diversity of *Prosopis laevigata* (Smooth Mesquite) in four natural populations, with different extraction levels in Colonia San Martin, in Puebla, Mexico.

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713 Evolutionary origins of a rain forest endemic: phylogeny and biogeography of the ant genus *Leptomymex* (Hymenoptera: Formicidae)

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640 ASSESSING THE GENETIC STATUS OF *Mammillaria crucigera* Mart. (Cactaceae), A RARE AND THREATENED SPECIE ENDEMIC TO THE TEHUACAN-CUICATLAN VALLEY, PUEBLA-OAXACA, MEXICO.

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