

FREE SESSION 4: COMMUNITY ECOLOGY AND FUNCTION

Bonito, 20th June 2012 (Wednesday)

POSTERS (Karuha Space, 15h30-16h30)

- FS04.P.01. **The effect of predator functional diversity on ecosystem function in bromeliad food webs.** *Andrew MacDonald*
- FS04.P.02. **Broad scale distribution of ferns and Lycophytes along environmental gradients in Central and Northern Amazonia, Brazil.** *Gabriela Zuquim*
- FS04.P.03. **Biomass variation of *Chara indica* Bertero ex. Spreng. (Charophyceae) in Caatinga springs of the Brazilian Northeast.** *Dayane Santos Fernandes*
- FS04.P.04. **A comparative study of aboveground allometries and biomass allocations between bamboos and trees in tropical rainforests of South East Asia.** *Junichi Fujinuma*
- FS04.P.05. **Revealing the causes and temporal distribution of tree mortality in Central Amazonia.** *Clarissa Gouveia Fontes*
- FS04.P.06. ***Handroanthus spongiosus* (Rizzini) S. Grose (Bignoniaceae): a species in the brink of extinction?** *Jéssica Viviane Amorim Ferreira*
- FS04.P.07. **Floristic similarity between semideciduous seasonal forests inserted in different agricultural matrixes, Southeastern Brazil.** *Ana Paula Schitkoski Sabino*
- FS04.P.08. **Composition of the phanerogamic flora of APA Mata do Krambeck in the botanical garden of the Federal University of Juiz de Fora, Minas Gerais, Brazil.** *Fatima Regina Golçalves Salimena*
- FS04.P.09. **Aspects of the biological invasion of *Nicotiana glauca* Graham (Solanaceae) in the Brazilian semi-arid.** *Jéssica Viviane Amorim Ferreira*
- FS04.P.10. **Structural variations and functional groups composition of the shrub-tree component in palm swamps in southeastern Brazil.** *Maria das Dores Magalhães Veloso*
- FS04.P.11. **How do primates respond to the effects of landscape change in islands formed by a hydroelectric dam?** *Maíra Benchimol*
- FS04.P.12. **Environmental attributes and their influence on the amphibians species composition in an ecotourism area, Bonito, Mato Grosso do Sul State, Brazil.** *Sabine Rocha*
- FS04.P.13. **The mesoscale distribution patterns of six abundant tree species on Maracá island, Brazilian Amazonia: are monodominance of *Peltogyne* characterised by unusual soils?** *Marcelo Trindade Nascimento*
- FS04.P.14. **Maximized sampling of butterflies to detect temporal changes in tropical communities.** *Cristiano Agra Iserhard*
- FS04.P.15. **Abiotic stress reduces the strength of the top-down effects of a terrestrial predator on an aquatic community.** *Gustavo Romero*

- FS04.P.16. **Change in life sclerophylly along successional gradient in a tropical dry forest.** *Maria Betânia Fonseca*
- FS04.P.17. **Local plant species delimitation in a high-diverse Amazonian forest: do we all see the same species?** *Ana Cristina Segalin de Andrade*
- FS04.P.18. **Nematode community structure in a tropical forest remnant in Pernambuco, Brazil.** *Mércia Cardoso*
- FS04.P.19. **Canopies sap-sucking species richness and distribution along a natural succession gradient of tropical montane forest.** *Giselle Martins*
- FS04.P.20. **Vertical distance from drainage drives floristic composition changes in an Amazonian rainforest.** *Juliana Schietti*
- FS04.P.21. **Community-level response to the exclusion of cattle grazing in a ecotone (tropical/temperate) grassland.** *Consuelo Bonfil*
- FS04.P.22. **Disentangling the role of edaphic variability, flooding regimes and topography of an Amazonian white-sand forest.** *Gabriel Damasco*
- FS04.P.23. **Influence of seasonal variations in soil water availability on gas exchange of tropical canopy trees.** *Fabien Wagner*
- FS04.P.24. **How do understory herbs respond to the water conditions in Amazonian forests and how this can affect their conservation in a climate change scenario?** *Flávia Regina Capellotto Costa*
- FS04.P.25. **Water-table level limits the stocks of aboveground biomass in the Purus-Madeira interfluve.** *Juliana Schietti*
- FS04.P.26. **CO₂ enrichment influences the spectral signature, development and endophyte community in a tropical wild shrub.** *Yumi Oki*
- FS04.P.27. **Controls on foliar nutrient resorption of nine canopy tree species of a secondary wet tropical forest in Costa Rica.** *Tana Wood*
- FS04.P.28. **Floristic composition and structure of the vascular epiphyte community in a swamp forest in Southeastern Brazil.** *Veridiana de Lara Weiser*
- FS04.P.29. **Floristic composition of different under-sampled sites in the State of Amazonas.** *Tatiana Gauí*
- FS04.P.30. **Floristic composition of forest communities in Bauru (São Paulo), Southeastern Brazil.** *Veridiana de Lara Weiser*
- FS04.P.31. **Floristic composition of Andean forests in Cueva de Los Guacharos National Park (Colombia): resilience and environmental gradients.** *Pablo Stevenson*
- FS04.P.32. **Influence of historical and environmental factors on primate beta diversity in the Negro river basin, Northern Brazilian Amazonia.** *Antonio Paulo Silva Júnior*
- FS04.P.33. **Ecological aspects, diversity and distribution of snakes in biotope preserved and anthropogenic Jamari National Forest (Rondônia, Western Amazon, Brazil).** *Marcelo Rodrigues dos Anjos*
- FS04.P.34. **Richness, composition and abundance of insects associated with the crown of *Mabea Fistulifera* (Mart.) and *Byrsonima sericea* (D.C.).** *Raquel Carvalho*

- FS04.P.35. **Turnover of beetle assemblages in relation to seasonality in a tropical forest.** *Alida Mercado Cárdenas*
- FS04.P.36. **Effect of disturbance frequency on aquatic macroinvertebrates composition in a neotropical stream.** *Maria Paula Bertolucci*
- FS04.P.37. **The environmental integrity and stream size affect the diversity and abundance of Trichoptera (Insecta) in mountain streams.** *Marcos Carneiro Novaes*
- FS04.P.38. **Recruitment limitation in a Mexican secondary dry tropical forest.** *Leslie Alba García*
- FS04.P.39. **Factors affecting the structure of Coleoptera assemblages on basidiomes of Polyporales and Hymenochaetales (Fungi: Basidiomycota).** *Flávia Nogueira de Sá*
- FS04.P.40. **Powerful distance-dependent effects for a spatially aggregated tropical species.** *Flaviana Souza*
- FS04.P.42. **Forest metacommunity structure along an elevational gradient in the Luquillo Mountains, Puerto Rico.** *Jess Zimmerman*
- FS04.P.43. **Controls on the carbon balance of African tropical forest.** *Simon Lewis*
- FS04.P.44. **Abiotic drivers change during 18 years of landslide succession in Puerto Rico.** *Lawrence Walker*
- FS04.P.45. **Soil physical constraints as a limiting factor of palm and tree basal area in Amazonian forests.** *Thaise Emilio*
- FS04.P.46. **Habitat specialization in a hyper-diverse Amazonian forest.** *Alexandre Adalardo de Oliveira*
- FS04.P.49. **Testing species-habitat association by using toroidal randomization processes: a powerful method?** *Jason Vleminckx*
- FS04.P.50. **By shifting species and traits, soil controls biomass and dynamics of an Amazonian forest.** *José Julio Toledo*
- FS04.P.52. **Effects of different cattle-ranching regimes on dung beetle communities in tropical Mexico.** *Ellen Andresen*
- FS04.P.53. **Primates in fragmented landscapes: a meta-analytical approach to understand drivers of local extinction in Neotropical forests.** *Máira Benchimol*
- FS04.P.54. **An evaluation of different assemblage metrics for studies on wildlife recovery during forest succession.** *Camilla Presente Pagotto*
- FS04.P.55. **The impact of hunting of mammals in a human settlement in Northern Brazilian Amazon.** *Antonio Paulo Silva Júnior*
- FS04.P.56. **Small mammal population dynamics in a savanna-forest mosaic along the Caatinga - Atlantic forest border.** *Alexandre Palma*
- FS04.P.57. **Environmental and historical drivers of small mammals communities in South America.** *Larissa Oliveira Gonçalves*

- FS04.P.58. **Preliminary study of medium and large size mammals in the São João River Basin, Carambeí (Paraná, Brazil).** *Elaine Gabriel*
- FS04.P.59. **Ocurrence of *Puma Concolor* L. in the São João basin river located in the municipality of Carambeí (Paraná, Brazil).** *Elaine Gabriel*
- FS04.P.60. **Evaluation of the proline content in rhizophores of *Vernonia herbacea* (Vell.) Rusby native region of campos rupestres in Minas Gerais.** *Lilian Cangussu*
- FS04.P.61. **Role of groundwater depth and salinity in determining composition of tropical forest communities in coastal Everglades.** *Sonali Saha*
- FS04.P.62. **Growth and biomass allocation in three rupestrian field species at high and low soil fertility.** *Ana Carolina Vieira Pires*
- FS04.P.63. **Controls of soil organic carbon stability in old-growth forests across the Amazon Basin.** *Claudia Pandolfo Paz*
- FS04.P.64. **Time of Activity of *Merosargus* Loew (Diptera: Stratiomyidae) in Parque Estadual do Rio Doce - MG, Brazil.** *Grazieli Dueli*
- FS04.P.67. **Population density and nesting patterns of the Western Chimpanzee, *Pan troglodytes verus*, in Lagoas de Cufada Natural Park, Guinea-Bissau.** *Joana Carvalho*
- FS04.P.68. **Richness and abundance of mammals in a Terra Firme forest of Central Amazonia (Brazil).** *Livia da Silva*
- FS04.P.69. **Estrogenic contaminants contribute to amphibian decline.** *Juliane Silberschmidt Freitas*
- FS04.P.70. **Reproduction of neotropical rodents: patterns and possible influences of climate changes.** *Camila dos Santos de Barros*
- FS04.P.71. **Singleton species of Odonata in a Neotropical stream survey.** *Clarissa de Araujo Martins*
- FS04.P.73. **Substratum particle size does not affect the relationship of biomass and abundance of aquatic insects in a neotropical stream.** *Maria Paula Bertolucci*
- S04.OC.10. **Diversity and biogeographic affinities of *Machaerium* Pers. in the Southern Amazon basin.** *Márcia Cléia Vilela Santos*
- FS11.P.07. **Effects of seaweed farming on the seagrass community of Panjang Island (Banten, Indonesia).** *Devi Choesin*