

SYMPOSIUM 7: BIODIVERSITY OF FRESHWATER WETLANDS

Bonito, 22nd June 2012 (Friday)

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Freshwater wetlands provide important services to the environment and to the society, e.g. water storage, river discharge buffering, water purification and refilling of the groundwater level but also maintenance of a large biodiversity and livelihood for the local population. The tropics contain the most extensive areas covered by freshwater floodplain forests worldwide – in Brazil 20% of the territory can be classified as wetlands. Some of these are highly threatened by human impact caused by infrastructure projects, especially by the construction of hydroelectric dams and mining. Knowledge about species composition and distribution, species richness and diversity and interactions is extremely scarce. The present symposium aims at highlighting the status quo of organismic and functional diversity research, and of possible impacts of climatic changes on tropical freshwater wetlands.

TALKS (Room Kadiwéu 1, 16h30-18h00)

16h30-16h45 (S07.OC.01) **Tank bromeliads: under-studied freshwater micro-ecosystems in tropical rain forests.** *Céline Leroy*

16h45-17h00 (S07.P.01) **Phylogenies help to uncover diversity patterns in Neotropical Amphibians.** *Diogo Borges Provete*

17h00-17h15 (S07.OC.03) **Importance of artificial wetlands and lakes as habitats for birds.** *Mohamed Zakaria Hussin*

17h15-17h30 (S07.OC.04) **Dammed rivers and vegetation changes in Amazonia.** *Pia Parolin*

17h30-17h45 (S07.OC.05) **Land-use history and flood regime affect woody biomass accumulation in Amazonian floodplain forests.** *Christine Lucas*

17h45-18h00 (S07.P.01) **Spatial distribution of floristic composition in altitude wetland of Catarinense plateau, Southern Brazil.** *Tatiana Lobato de Magalhães*

POSTERS (Karuha Space, 15h30-16h30)

S07.P.02. **Specific leaf area and foliar $\delta^{13}C$ in mangrove areas of Ilha do Cardoso, southeast coast of Brazil.** *Carla Roberta Gonçalves Reis*

S07.P.04. **Breeding biology of the yellow-crowned night-heron (*Nyctanassa violacea*) in a Natural Reserve, Parque do Perequê, Parana, Brazil.** *Juliana Rechetelo*

S07.P.05. **Prey consumed by Yellow-crowned Night-heron (*Nyctanassa violacea*) in a mangrove site in the state of Paraná, south Brazil.** *Juliana Rechetelo*

S07.P.06. **Investigations on seasonal variation in physicochemical and phytoplankton analysis of Shaheed Ziaur Rahman Medical College and Hospital premises fishpond inside Bangladesh.** *Md. Ariful Haque Mollik*

S07.P.07. Ants as bioindicators of environmental degradation in the Brazilian Savannah Wetlands. *Diego Anjos Silva*

S07.P.08. Structural characterization of aquatic macrophytes in Northeastern aquatic ecosystems. *Dayane Santos Fernandes*

S07.P.09. Composition and structure of the lacustrine bird communities of seasonally flooded wetlands of western Brazilian Amazonia at low water. *Pedro Santos*

S07.P.10. The role of giant armadillos (*Priodontes maximus*) as physical ecosystem engineers in a Neotropical wetland. *Arnaud Leonard Jean Desbiez*