

FREE SESSION 5: ANT ECOLOGY, BEHAVIOR AND CONSERVATION

Bonito, 19th June 2012 (Tuesday)

Chair: Paulo S. Oliveira (UNICAMP, Brazil)

TALKS (Room Kadiwéu 2, 11h00-12h30)

09h00-09h15 (FS05.OC.1) **Why do *Pheidole oxyops* ants place feathers around their nests?**

Inácio José de Melo Teles e Gomes

09h15-09h30 (FS05.OC.2) **Ant-preying dipteran larvae exploit a facultative mutualism between ants and *Qualea grandiflora* (Vochysiaceae).** *Mayra Cadorin Vidal*

09h30-09h45 (FS05.OC.3) **Vertical stratification of ant interactions within a Panamanian tropical forest canopy mosaic.** *Sérvio Pontes Ribeiro*

09h45-10h00 (FS05.OC.4) **The effect of different fire regimes on arboreal ant diversity in a Neotropical savanna.** *Jonas Maravalhas*

10h00-10h15 (FS05.OC.5) **Small-scale habitat fragmentation effects on litter-dwelling ants.** *Lucas Navarro Paolucci*

10h15-10h30 (FS05.OC.6) **How much are the protected riparian forest areas effective for ant biodiversity conservation?** *Renata Bernardes Faria Campos*

POSTERS (Karuha Space, 15h30-16h30)

FS05.P.01. **Ant genera richness, abundance, and composition among different successional stages in a montane forest in Southeastern Brazil.** *Alice Carvalho Leite*

FS05.P.02. **The role of plant cover and density in an arboreal ant community of rupestrian field.** *Antonio Cesar Medeiros de Queiroz*

FS05.P.03. **Ant (Hymenoptera: Formicidae) fauna of Panga ecological station: richness, habitat preference and geographic distribution.** *Ricardo Campos*

FS05.P.04. **Immediate effects of interspecific competition on ant assemblages: an exclusion experiment of two dominant species contrasting Australia and Brazil.** *Inácio José de Melo Teles e Gomes*

FS05.P.05. **Canopy ant fauna along a natural succession gradient of tropical montane forest.** *Renata Bernardes Faria Campos*

FS05.P.06. **Correlates of ant species richness and composition in natural remnants of semideciduous forest in Central Brazil.** *Flávio Camarota*

FS05.P.07. **Initial responses of ant-fauna of montane forests to the passage of fire.** *Diego Anjos Silva*

FS05.P.08. **Elaiosome traits influence the diaspore removal by keystone mutualist ants in the Caatinga vegetation.** *Laura Carolina Leal*

FS05.P.09. **Interactions between ants and non-myrmecochorous fruits in species of *Miconia* (Melastomataceae) in a Neotropical savanna.** *Fernando Silveira*

FS05.P.10. Effect of environmental complexity on predation risk exerted by ants. *Maria
Luiza Bicalho Maia*