

**SYMPOSIUM 39: MONITORING TERRESTRIAL GAME ANIMAL ABUNDANCE FOR
MANAGEMENT AND ECOLOGICAL KNOWLEDGE**

Bonito, 21st June 2012 (Thursday)

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Assessing, describing, and managing the role of large vertebrate species in ecosystems and human livelihoods continues to be a vexing problem in the tropics. Questions such as how many animals are out there, how are they distributed and how is all this influenced by interactions with humans continues to be a major concern. We address concerns in assessing animal populations and how animal populations are affected by interactions with humans. We also discuss how novel advances in measuring animal populations are detecting novel forms of managing animals and ecological systems by humans living in environmentally “intact” areas, as well as ecological patterns.

TALKS (Karuha Room, 14h00-15h30)

14h00-14h15 (S39.OC.01) **Chronic underestimation of vertebrate abundances in Amazonian ecosystems limits ecological understanding and innovation in conservation.**

Kirsten Silvius

14h15-14h30 (S39.OC.02) **Occupancy and detection of medium and large vertebrates in a Neotropical landscape.** *Erin Kurten*

14h30-14h45 (S39.OC.03) **Competition and facilitation in the formation of interspecific primate groups.** *Taal Levi*

14h45-15h00 (S39.OC.04) **Monitoring mammals – a team effort.** *William Magnusson*

15h00-15h15 (S39.OC.06) **Empowering local people through community-based resource monitoring: applications of the comparison between Amazonia and Namibia in a national Brazilian biodiversity monitoring program in protected areas.**

Pedro Constantino

15h15-15h30 (S39.OC.05) **Complex interactions between biodiversity and indigenous Amazonian cultures.** *José Manuel V. Fragoso*