

**SYMPOSIUM 34: NON-TIMBER FOREST PROMISES? CONNECTIONS AND DISCONNECTIONS
BETWEEN CONSERVATION AND NON-TIMBER FOREST PRODUCTS (NTFP)**

Bonito, 19th June 2012 (Tuesday)

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Non-timber forest products (NTFP) harvesting has been historically considered as an effective way to conciliate objectives of biodiversity conservation and livelihood enhancement. However, a recent review of NTFP studies showed that the ecological sustainability of harvesting is not the norm. The development of sustainable management systems for NTFP requires knowledge about both the ecology as well as the effects of management activities on natural populations. Literature has been vastly expanding in the past 15 years, but ecological aspects still remain understudied. In the symposium we will highlight the main gaps in scientific knowledge and discuss whether or not traditional ecological knowledge can provide valuable information in order to fill in the gaps and support the development of management plans for NTFP. Ecological knowledge is just one of the aspects to be considered, as the other dimensions of sustainability need to be taken into account as well. People who harvest forest products usually include NTFP as part of their subsistence strategies which can lead to the domestication of species and landscapes. Agroforestry systems are examples of cultural landscapes where NTFP can contribute to the food security of local communities. It is also imperative to understand the macroeconomic processes within harvesting activities operate, since management systems are influenced by market pressures that frequently, but not always, lead to resource depletion. Furthermore, the complexity of the issue also calls for a participatory approach with collaboration between multiple stakeholders. Developing a sustainable management plan for any NTFP will require the understanding of the synergies and trade-offs between different stakeholder opinions and also conservation objectives. For this reason, we are proposing this interdisciplinary symposium, which aims to discuss strategies to improve livelihoods and reduce anthropogenic pressure on harvested species.

TALKS (Room Karuha, 11h00-12h30)

11h00-11h15 (S34.OC.01) **Non-timber forest products and conservation: what prospects?**

Terry Sunderland

11h15-11h30 (S34.OC.02) **Not by scientists alone: scientific (des) information and the contribution of traditional ecological knowledge to forest management.**

Cristina Baldauf

11h30-11h45 (S34.OC.03) **Products of socio-biodiversity in southern Brazil: contribution to the debate on the political and economic dimension.**

Gabriela Coelho de Souza

11h45-12h00 (S34.OC.04) **The effects of processing non-timber forest products and trade partnerships on people's well-being and forest conservation in Amazonian Societies.**

Carla Morsello

12h00-12h15 (S34.OC.05) **Subsistence and commercialization: contributions of NTFPs to food security and nutrition.** *Bronwen Powell*

12h15-12h30 (S34.OC.06) **Opportunities and challenges in NTFP use, management, and conservation in the Brazilian Amazon.** *Patricia Shanley*

POSTERS (Karuha Space, 15h30-16h30)

S34.P.01. **Effect of bark collection on population structure of *Enantia chloranta* (syn. *Anninckia chloranta*) (oliv.) Setten & P.J. Maas in a tropical lowland rainforest of Southwestern Nigeria.** *Tajudeen Amusa*

S34.P.02. **Conservation status and abundance of the endemic palm *Butia capitata* (Mart.) Becc.: a non-timber forest product of the Cerrado.** *Aldicir Scariot*

S34.P.03. **The effects of land use, management and ecological gradients on population regeneration and density of *Caryocar brasiliense*, a neotropical savanna tree species.** *Aldicir Scariot*

S34.P.04. **The ecological effects of harvesting non-timber forest products from natural forests: a review of the evidence.** *Alice Brites*

S34.P.05. **Assessment of ecological potential for management of non-timber forest products in Central Amazonian floodplain forests.** *Rafael de Carvalho Sposito*

S34.P.06. **Inter-annual variation in *Carapa guianensis* seed production: implications for the management of an important non-timber forest product.** *Carolina Castilho*