

Part 1. The Ecological Role of Ants in tropical ecosystems

Thursday July 19, Morning

- 10:00 **360.** Leaf-cutting ants as ecosystem engineers: Microclimatic gradients in the vicinity of *Atta cephalotes* nests
Meyer Sebastian T., Leal Inara R. and Tabarelli Marcelo
meyerst@rhrk.uni-kl.de
- 10:20 **389.** Cutting More from Cut Forests: Drastic Edge Effects on Colony Density and Herbivory Pressure of Leaf-Cutting Ants
Wirth Rainer and Leal Inara R.
wirth@rhrk.uni-kl.de
- 10:40 **357.** Ancient human landscape modifications affect the ecology of an ant-plant seed dispersal mutualism in a pre-Columbian raised-field complexes in French Guiana
Delphine Renard and Doyle McKey
delphine.renard@cefe.cnrs.fr
- 11:00 Coffee break
- 11:20 **194.** Plant recruitment on inactive nests of the leaf-cutting ant *Atta cephalotes* in the Brazilian Atlantic Forest
Bieber Ana Gabriela Delgado, Tabarelli Marcelo and Leal Inara R.
irleal@ufpe.br
- 11:40 **9.** Consequences of habitat fragmentation in the Brazilian Cerrado to an ant-plant mutualism (*Tococa guianensis* and *Allomerus* sp.)
Vasconcelos Heraldo and de Moraes Sinara Cristina
heraldo@umarama.ufu.br
- 12:10 Lunch

Part 2. The Ecological Role of Ants in tropical ecosystems

Thursday July 19, Afternoon

- 14:00 **348.** Spatial and seasonal variation in the foraging ecology of the forest-dwelling ant *Odontomachus chelifer* (Formicidae, Ponerinae)
Bottcher Claudia, Borges Laura P., Pereira Eduardo R. and Oliveira Paulo S.
caubottcher@gmail.com
- 14:20 **641.** The effect of habitat type and temperature on the foraging activity of two species of army ants (*Eciton burchellii* and *Labidus coecus*) in Neotropical montane forest
Kumar Anjali O'Donnell Sean
anjali2@u.washington.edu
- 14:40 **284.** Behavioral ecology at the insect-plant interface: oviposition by *Eunica bechina* butterflies on an ant-visited plant
Sendoya Sebastian F., Freitas Andre V. L. and Oliveira Paulo S.
sebasendo@gmail.com
- 15:00 Coffee break