

20 Part I Seed dispersal and seed predation in Neotropical palms

Organizer by:

- Patrick A. Jansen, Community and Conservation Ecology University of Groningen, the Netherlands
- Kirsten M. Silvius, Gordon and Betty Moore Foundation, San Francisco

09:50 **Overview** by Symposium Organizer

10:00 Bruchids as predators on palm seeds (Coleoptera: Bruchidae)
Romero Napoles Jesús

10:20 Phenology and seed predation in three species of palms
Notman Evan¹ and **Villegas Ana²**

10:40 Fruit handling by frugivorous vertebrates enables niche partitioning by granivorous beetles: small scale pattern detected by a landscape scale experiment
Silvius Kirsten Mariana

11:00 Coffee break

11:20 Seed density, dispersal and predation in an understory palm
Milleron Tarek

11:40 Differential handling of palm seeds by Central American agoutis (*Dasyprocta punctata*; Rodentia) and collared peccaries (*Tayassu tajacu*; Artiodactyla) has contrasting effects on seed fates
Kuprewicz Erin K.

12:00 Production and fate of *Astrocaryum mexicanum* seeds before and after hurricane Iris in southern Belize
Rejmanek Marcel and **Klinger Rob**

12:30 Lunch

20 Part II Seed dispersal and seed predation in Neotropical palms

14:00 Seed predation and the Arecaceae: a valid model for tropical systems?
Brewer Steven

14:20 Seed dispersal and predation in two Atlantic Forest palms with different responses to habitat loss
Pires Alexandra dos Santos, Andreazzi Cecilia Siliansky de, Pimenta Clarissa Scofield, Fernandez Fernando Antonio dos Santos and **Galetti Mauro**

14:40 Hunting indirectly alters the abundances of insect seed predators
Wright S. Joseph, Galvez Dumas and **Jansen Patrick A.**

15:00 Coffee break

15:20 Hunting relieves recruitment limitation in a Neotropical palm
Jansen Patrick A., Van Eijk Pieter, Wright S. Joseph and **Muller-Landau Helene**

- 15:40 Impact of vertebrate defaunation on seed predation and dispersal of palms: implications for rain forest conservation
Mendoza Eduardo and **Donatti Camila**
- 16:00 A plague of palms: why large-seeded *Attalea* form monodominant stands in anthropogenic landscapes
Vieira Frago Jose Manuel and **Silvius Kirsten Mariana**
- 16:20 Conclusion Symposium