

8 Part I Managing Tropical Agricultural Landscapes to Enhance Biodiversity

Organizer by:

- Robin L. Chazdon, Dept. of Ecology and Evolutionary Biology, University of Connecticut

09:50 **Overview** by Symposium Organizer

10:00 Maya agriculture and the forest matrix: intentional succession in the Lacandon rain forest
Ronald Nigh

10:20 Traditional agricultural practices enhance agro-biodiversity and pest management
Helda Morales

10:40 Biodiversity, ecological, and economic services in coffee agroecosystems
Stacy Philpott and Ivette Perfecto

11:00 Coffee break

11:20 Quantification of avian use of a shaded coffee plantation as a biological corridor
Oliver Komar

11:40 Farmers, tree cover and biodiversity conservation in agricultural landscapes of Central America
Celia A. Harvey, Joel C. Saenz, Cristobal Villanueva, Rene Gomez, Marlon Lopez, Muhammad Ibrahim and Fergus L. Sinclair

12:00 Rainforest trees outside forest fragments as seed sources and regeneration nuclei for forest recovery
Javier Laborde, Sergio Guevara and Graciela Sanchez-Rios

12:30 Lunch

8 Part II Managing Tropical Agricultural Landscapes to Enhance Biodiversity

14:00 Sustaining the genetic diversity of trees in managed landscapes
David Boshier, Tonya Lander and Paul Rymer

14:20 Predicting the forest regeneration capacity of post-agricultural tropical landscapes
Bruce G. Ferguson, Douglas H. Boucher, Miguel Martinez-Ramos, Karen D. Holl, Daniel M. Griffith, Alexandre Bonesso Sampaio and Deborah Lawrence

14:40 Spatial patterns of tropical forest recovery in an agricultural landscape
Karen D. Holl, Rebecca J. Cole, Rakan A. Zahawi, Catherine A. Lindell and Rebecca D. Fink

15:00 Coffee break

15:20 Restoring tropical forest biodiversity using late-successional tree species
Cristina Martinez-Garza and Henry F. Howe

15:40 The fate of dry Afromontane forests in northern Ethiopia
Frans Bongers, Alemayehu Wassie, Raf Aerts, Tefera Mengistu, and Frank Sterck

16:00 Structural and functional dynamics of second-growth forests under contrasting previous land use regimes: a long-term permanent sample plot study in Northeastern Costa Rica
Robin L. Chazdon and **Bryan Finegan**

16:20 Conclusion Symposium