

#14 Part I Tropical Oaks: Diversity, Ecology and Conservation

Organizer by:

- Jeannine Cavender-Bares, Department of Ecology, Evolution and Behavior, University of Minnesota
- Antonio González-Rodríguez, Centro de Investigaciones en Ecosistemas, Universidad Nacional Autónoma de México

09:50 **Overview** by Symposium Organizer

10:00 Phylogenetic analysis of series Lanceolatae of genus *Quercus*
Valencia Avalos Susana

10:20 Introgression among oaks: prevalence and underlying mechanisms
Petit Remy J.

10:40 Introgressive hybridization and range advance in California red oaks
Richard S. Dodd and **Zara Afzal-Rafii**

11:00 Coffee break

11:20 Patterns of genetic variation sharing among Mexican red oak species
Gonzalez-Rodriguez Antonio, Ramos-Ortiz Selene, Caron Henri, Kremer Antoine and **Oyama Ken**

11:40 Understanding genetic patterns in disjunct species of Mexican *Quercus*: a case study of Section Lobatae Subsection Racemiflorae
Ross A. McCauley, Aurea C. Cortés-Palomec, and **Ken Oyama**

12:00 Ecophysiological and genetic differentiation of live oaks (*Quercus* section Virentes) across a latitudinal gradient from the tropics to the temperate zone
Cavender-Bares Jeannine, Pahlich Annette, Deacon Nicholas, Savage Jessica and **Gonzalez-Rodriguez Antonio**

12:30 Lunch

#14 Part II Tropical Oaks: Diversity, Ecology and Conservation

14:00 South American oaks: where are we?
Fernandez-M. Juan F

14:20 Factors influencing arthropod community structure on *Quercus*, and consequences for defense evolution
Marquis Robert J

14:40 Dispersal of oaks by scatter-hoarding vertebrates: Are tropical oaks dispersal limited?
Steele Michael A.

15:00 Coffee break

15:20 Genetic consequences of contemporary seed dispersal in California valley oak, *Quercus lobata*

Victoria Sork, Delphine Grivet and **Peter Smouse**

15:40 Understanding limits to pasture recolonization in a fragmented tropical dry forest: a case study of the tropical live oak *Quercus oleoides* with implications for restoration

Klemens Jeffrey A., Deacon Nicholas J. and Cavender-Bares Jeannine

16:00 Ecology and Restoration of Quercus-Dominated Tropical Montane Forests of Central Chiapas, Southern Mexico

Gonzalez-Espinosa Mario, Ramirez-Marcial Neptali, Galindo-Jaimes Luis, Camacho-Cruz Angelica

16:20 Conclusion Symposium