

9 Conservation Genetics of Tropical Vertebrates

Organizer by:

- Sofia Solórzano, FES Iztacala, Universidad Nacional Autónoma de México, Mexico.
- Omar Chassin, Facultad de Biología-CMEB, UMSNH, Mexico
- Philip Hedrick, Arizona State University

09:50 **Overview** by Symposium Organizer

10:00 Genomics and the Conservation of Species.
Stephen J. O'Brien.

10:20 Genetic diversity and molecular relationships among members of the genus *chirostoma* (Atherinopsidae: Menidiinae)
Irene de los Angeles Barriga-Sosa, Claudia Gárnica-Rivera, Mónica Y. Pérez-Ramírez, José Luis Arredondo-Figueroa, Rodrigo Moncayo-Estrada and Francisco J. García de León

10:40 Systematics and conservation genetics of the *Chelonia* genus: two approaches to one issue
Omar Chassin-Noria and Ken Oyama

11:00 Coffee break

11:20 Establishing a general conservation strategy for threatened taxa based on ecologic and genetic data. The case of the Mesoamerican Resplendent Quetzal (*Pharomachrus mocinno*, Aves)
Sofia Solórzano and Ken Oyama

11:40 Conservation Genetics of Mexican Wolves
Phil Hedrick and Fredrickson Rich

12:00 Perspectives of Conservation Genetics in Tropical regions.
Stephen J. O'Brien

12:20 **Discussion and Final Remarks:** The creation and conservation genetics Network
Sofía Solorzano, Omar Chassin and Phillip Hedrick.

12:30 Lunch