

IUCN SSC Iguana Specialist Group Meeting 2014

28-29 October: Galápagos Land and Marine Iguanas Workshop

(at the National Park's center)

Program and Time Schedule

28 October

- 9:00-9:25 The Galápagos Land Iguana Conservation Program: History, Success and Challenges (A. Izurieta)
- 9:25-9:50 The North Seymour and Baltra island Land Iguanas: Extinction, Good Luck, and Hard Work Challenges (A. Izurieta)
- 9:50-10:15 Early Restoration Ecology Efforts for Galápagos Land Iguanas (*Conolophus subcristatus*) (H. Snell et al.)
- 10:15-10:40 Personal Observations on Galápagos Land Iguanas (*Conolophus subcristatus*) over the Past 40 years (T. De Roy)

Coffee break

- 11:00-11:25 Restauración Ecológica de la Isla Seymour Norte: El Caso de la Erradicación de la Rata Negra (*Rattus rattus*) (C. Sevilla-Paredes & D. Rueda Cordova)
- 11:25-11:50 Safeguarding the South Plaza Galápagos Land Iguana during Rodent Eradication using Brodifacoum (W. Tapia et al.)
- 11:50-12:15 Conservation of a Vital Marine Iguana Site on Isla Isabela, Galápagos (K. Tosney)

Lunch

- 14:00-14:25 Traffic of iguanas (E. Angermeyer)
- 14:25-14:50 Illegal Wildlife Trade in Galápagos: Molecular Tools Help the Taxonomic Identification of Confiscated Iguanas and Guide their Rapid Repatriation (G. Gentile et al.)
- 14:50-15:15 Autecology of Hybrid Land/Marine Iguanas: Intermediate or Skewed?) (H. Snell et al.)

15:15-15:40 Heritability, Site Fidelity, and Reproduction of Plaza Sur Land Iguanas: Like Mother, Like Daughter – Or Not? (H. Snell et al.)

Coffee break

16:00-16:25 Does Hybridization Between *Amblyrhynchus cristatus* and *Conolophus subcristatus* Play a Role in Shaping the Evolution of Iguanas at Plaza Sur? (L. Di Giambattista & G. Gentile)

16:25-16:50 Preliminary Data on the Diet of *Conolophus marthae* (Pink Iguana). Can Feces Contribute to Plant Dispersal? (P. Jaramillo et al.)

16:50-17:15 Assessing Hybridization and Introgression Levels Between *Conolophus marthae* and *C. subcristatus* (L. Di Giambattista & G. Gentile)

Discussion

29 October

9:00-9:25 Impact of Ecto- and Endoparasites on Two Populations of *Conolophus marthae* and *Conolophus subcristatus* on the Vulcan Wolf (Isabela): Analysis of Haematological Markers (M. Onorati & G. Gentile)

9:25-9:50 When Pink is a Question: Plasma Vitamin D levels in Pigmented and Partially Pigmented Land Iguanas from Galápagos (*Conolophus* spp.) (M. Fraziano et al.)

9:50-10:15 *Conolophus marthae* vs. *Conolophus subcristatus*: Does the Skin Pigmentation Pattern Exert a Protective Role Against DNA Damaging Effect Induced by UV Light Exposure? Analysis of Blood Smears through the Micronucleus Test (B. Gustavino et al.)

Coffee break

10:15-10:40 Genetic Differentiation of *Hepatozoon* spp. (Apicomplexa) in Galápagos Land Iguanas (*Conolophus* spp.) (A. Fulvo et al.)

11:00-11:25 Pink Iguanas: a Boost to the Environmental Education of the Archipelago (V. De la Rosa)

11:25-11:50 The Galápagos Pink Land Iguana: What Do We Know So Far? What are We Going to Do Now? (G. Gentile & A. Izurieta)

Discussion