

Workshop on barcoding invasive species

Uses of barcoding and genetic markers for the handling and detection on invasive species

9th of November 2009

- 08:30 - 09:00 Registration
09:00 - 09:10 Welcome and introductions
09:10 – 09:30 Introduction Dr. Junko Shimura

1st session

- 09:30 – 09:50 Aquatic invasive species
Roberto Mendoza, UANL, Mexico
- 09:50 - 10:10 Identifying cryptic invasive ants in the Malagasy region
Brian Fisher, CAS, USA
- 09:50 - 10:10 *Arundo donax* and *Phragmites australis* in Mexico
Erica Aguirre Planter, UNAM, Mexico
- 10:10 – 10:30 Detecting freshwater invasive leech species through the use of genetic bar codes
Alejandro Ocegüera-Figueroa & Mark E. Siddall, AMNH, USA
- 10:30 – 10:50 Barcoding migratory waterbirds as indicators of avian flu in Mexico
Gary García, UNAM, México
- 10:50 – 11:10 Coffee break

2nd session

- 11:10 – 11:30 DNA Barcoding of pest insects of importance to Australia
Andrew Mitchell, Australia
- 11:30 – 11:50 DNA barcoding reveals cryptic invasive seaweeds in Canadian Coastal waters
Gary Saunders, U of New Brunswick, Canada

- 11:50 – 12:10 Barcoding freshwater fish
Martha Valdez, Ecosur, Mexico
- 12:10 – 12:30 "An example of barcode detection of an invasive: *Daphnia lumholtzi*, and the potential use of the barcodes in aquatic environments"
Dr. Manuel Elías, ECOSUR, México
- 12:30- 13:00 Conclusions and end of meeting