

Plant Health Task Force

José Isabel Lopez Arroyo, INIFAP; Della Johnston, AAFC;
Deborah Fravel, USDA/ARS

- ▶ 2011 formed PHTF; Beltsville, MD.
- ▶ 2012 Workshop and meeting on BMSB and beneficial insects that attack BMSB; Vineland, NJ.
- ▶ 2013 Published brochure “Chinche Apestosa Marmoleada Café”; Workshop in Washington, DC on DNA barcoding of insects, included tour of USDA, ARS insect collections at the Smithsonian and specimen swap.
- ▶ 2014 Workshop on Molecular Insect Taxonomy, October 21-24, Montecillo, Mexico.



Agriculture and
Agri-Food Canada



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Instituto Nacional de Investigaciones
Forestales, Agrícolas y Pecuarias

INVITATION

The IICA-Procínorte Plant Health Task Force comprising the areas of Crop Protection in the Research Institutes dependent respectively of the Federal Government of Canada, United States of America, and Mexico, has decided to organize one of its main 2015 activities -*The Trilateral Workshop Insect Molecular Taxonomy*- which will focus on the use of molecular methods for the identification of pests and biological control agents, whose diagnosis is difficult or impossible to make by conventional means. Also, it will involve data management for the correct interpretation and resolution of their taxonomic status and phylogenetic relationships with species of agricultural importance.

One of the main motivations of the workshop is to strengthen the dwindling number of specialists dedicated to the identification of species of importance to agriculture; in this way, the workshop is intended to support a key element in the guidelines for decision making in pest management, particularly in the area of invasive species, where a flaw in its recognition could lead to severe losses due to the delay in setting appropriate measures in accordance with the identity of the target organism.

For this event, specialists from the three PROCINORTE countries will participate sharing knowledge and expertise in relevant topics of Molecular Taxonomy. You are cordially invited. There is a limit of 20 persons as attendees; the language of the workshop is English.

REGISTRATION

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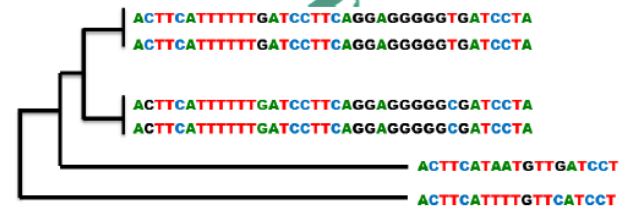
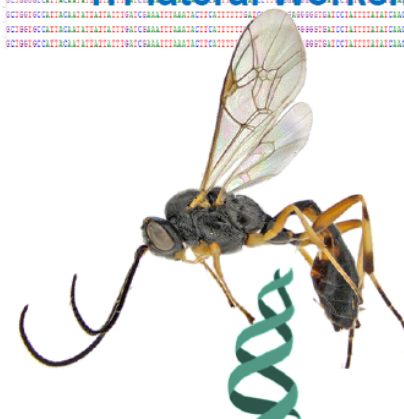
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INSECT MOLECULAR TAXONOMY Tri-lateral Workshop



October 21-24, 2015

Colegio de Postgraduados

Montecillo, Edo. México, MEXICO

Thanks!

- ▶ PROCINORTE – and in particular Audia Barnett & Christina Jimenez
- ▶ INIFAP; AAFC; USDA/ARS
- ▶ José López-Arroyo and his team
- ▶ Barb Sharonowski, Roselyne Labbe, Berto Perez de Leon, John Gaskin, Kenzy Peña Carillo, and Adrien Gallou
- ▶ Colegio de Postgraduados

John Gaskin

Barb Sharonowski



Learning to use taxonomy databases



MSc Jorge Fajardo; Dr. Ponciano Pérez; Dr. Reyna Rojas; Dr. Martha Aguilera; Dr. María Teresa Santillana



<https://sites.google.com/site/moleculartaxonomyworkshop/>

- ▶ Link has documents and images from the workshop.



Workshop Participants

Budget Request for 2016

- ▶ Della Johnston AAFC has offered to host a 3 day PROCINORTE workshop in early fall 2016 in Ottawa.
- ▶ The workshop will focus on:
 - ▶ Taxonomy and systematics of insects
 - ▶ Zebra chip of potato (an insect transmitted disease)
 - ▶ Tour the extensive AAFC insect collections
- ▶ We expect 20-30 scientists from the 3 countries.
- ▶ Benefits
 - ▶ Harmonization of taxonomy in the 3 countries
 - ▶ Building networks of entomologists in the 3 countries
 - ▶ Coordination of zebra chip research in the 3 countries
- ▶ Funds will be used to support travel of scientists from Mexico.