

Notas del MEFLG

Visitas guiadas en el MEFLG

Extensión académica, orientación a 41 estudiantes de la Universidad Nacional de Colombia Sede Medellín del curso Museo e Historia, por petición de la docente Yohana Rodríguez Vega.

Extensión académica, orientación a 30 estudiantes del IED Santa Teresa, por petición de la profesora Lina Cristina Salazar León.

Extensión académica, orientación a 3 estudiantes del Politécnico Jaime Isaza Cadavid, por petición del docente José Gabriel Sánchez Rico.

Identificaciones

Servicio de identificación de ejemplares de insectos asociados a semillas de *Acacia* sp., solicitado por la empresa GESAM S.A.S.

Servicio de identificación de muestras de insectos encontradas en una preparación de alimentos (papa, lenteja y zanahoria), solicitadas por la empresa SODEXO- Medellín.

Servicio de identificación de muestras de insectos encontradas en una preparación de alimentos (puré de ahuyama), solicitadas por la empresa SODEXO- Medellín.

Servicio de identificación de muestras de insectos encontradas en paquetes de tomates secos en aceite de oliva (deshidratados), solicitadas por la empresa FRUTAS SECAS DE VERONA S.A.S.

Servicio de identificación de muestras de insectos en pasto *Brachiaria decumbens*, solicitada por el propietario de la finca El Trapiche, Yolombó Antioquia.

Servicio de identificación de muestras de insectos en Heliconias (*Orthotricha lobster* y *Calathea*), solicitada por ASOHELICONIAS.

Visitas realizadas al MEFLG

Revisión de las familias Tenuchidae y Sphingidae (Lepidoptera), taller de extracción de genitalia de dichas familias, por el Doctor Fernando Hernández Baz de la Universidad Veracruzana, México.

Revisión de Lepidoptera Tenuchidae a cargo de la estudiante del programa curricular de la Universidad de Antioquia Yenny Correa Carmona y asesorada por el profesor Fernando Hernández Baz de la Universidad Veracruzana, México.

Revisión de Melolonthidae y asesoría de tesis de pregrado titulado "Aportes al estudio de la situación actual de las chisas (Coleoptera: Melolonthidae) en algunos municipios del oriente Antioqueño y el valle de Aburrá por el Doctor Luis Carlos Pardo.

Revisión de la colección de Dípteros con énfasis en las familias Hippoboscidae, Streblidae y Nycteriidae, por el docente investigador de la Universidad Tecnológica de Antioquia Eduardo Amat.

Eventos

Participación activa en la muestra EXPOUNIVERSIDAD, realizada del 29 de septiembre al 7 de octubre, en el centro de convenciones Plaza Mayor de Medellín.

Colaboraron en esta exposición las siguientes áreas y personas:

Grupo de Sistemática Molecular, Universidad Nacional de Colombia sede Medellín

Museo Entomológico Francisco Luis Gallego, Universidad Nacional de Colombia sede Medellín

Estela Barrientos, Estudiante de Maestría en Ciencias-Entomología, Universidad Nacional de Colombia sede Medellín

Las conferencias ofrecidas al público general fueron:

Muestra de diversidad de Lepidópteros

Muestra de insectos de importancia agrícola

Biología y ciclo de vida de algunas especies de Lepidópteros

Nuevo material tipo en el Museo

Melolonthidae: Rutelinae: *Spodochlamys letiranti* Jameson y Ratcliffe, 2011. Paratipo: Colombia, Chocó, Medio Atrato, en bosque, julio de 1983, Gabriel Bolívar.

Publicaciones a partir de material consignado en el MEFLG

Ramírez A, Altamiranda-Saavedra M, Gutiérrez-Fonseca P, Springer M. 2011. The neotropical damselfly genus *Cora*: new larval descriptions and a comparative analysis of larvae of known species (Odonata: Polythoridae). *International Journal of Odonatology*. 14(3): 249-256.

Ayudas taxonómicas en internet

La siguiente información ha sido compilada por Allan Smith, USDA, APHIS, San Francisco, California y Terrence Walters, USDA APHIS, Fort Collins, Colorado, USA.

1. USDA CPHST is pleased to announce the release of *Citrus ID, Edition 2*, developed through collaboration among CPHST's Identification Technology Program (ITP), North Carolina State University, and University of California-Riverside. *Citrus ID* was designed to support the identification of host material during citrus pest and disease surveys by industry and government agency personnel. Edition 2 has a completely new design, offering you many new ways to access the extensive amount of content featured in the first edition. Some of the new features in edition 2 include:

Completely new design with more intuitive navigation.
Page content has been reorganized, making information easier to find and understand.

Fact sheet search function is available on every page, and the results page offers more information.

Enhanced mobile accessibility, including a new version of the key that doesn't require Java.

Searchable image gallery, giving users greater access to the over 11,500 images included in the tool.

Previous/Next navigation within the fact sheets so you can page through them more easily.

Citrus ID, Edition 2 can be accessed at: <http://idtools.org/id/citrus/citrusid>

To view additional digital identification aids for citrus, visit ID Source-Citrus Aids

2. The 2011 version of the FORMIS ant bibliography is now available for online searches:

<http://www.ars.usda.gov/saa/cmave/ifahi/formis>

FORMIS 2011 is a composite of several ant literature databases. It contains citations for a large fraction of the world's ant literature (about 50,000 references). It can also be downloaded for use with EndNote.

Please contact Dan Wojcik (dpwojcik@atlantic.net) if you have problems or questions.

3. CPHST's Identification Technology Program (ITP) is pleased to announce the initial release of *ID Source*, developed through collaboration between CPHST and Colorado State University. ID Source is now available for you to quickly find trustworthy, identification-themed websites for screening, detection, and identification of plant pests, diseases, and weeds. We are constantly critically evaluating thousands of web sites to determine their value for individuals who, like you, are associated with plant protection. Only those sites that we determine support ID Source's purpose and its users are added and become "ID Aids." Each ID Aid is thoroughly reviewed and "described" using category names that are likely familiar terms you may find easy to use when searching for ID Aids. All ID Aids are also web-crawled for scientific names and common names that you might use when searching on the Internet for support. You will find that searching for ID Aids with ID Source is easy and that your results are more focused and valuable than standard Internet search engines can provide.

ID Source Features:

As of August 2011, we have selected and vetted over 1,400 identification-themed web sites for ID Source (ID Source's "ID Aids").

Offers you familiar and relevant search choices for filtering of ID Aids to results meeting your needs.

"ID Aid Site Search," ID Source's new web-crawled Text Search component, allows you to locate specific scientific or common names on actual web pages within ID Aids.

We mine the Web for both domestic and international ID Aids to help address the issue of pest introductions via global trade.

We offer you the opportunity to be a part of ID Source's user community and to have a stake in ID Source's future.

Provide your ratings and reviews of ID Aids to assist future users when they attempt to find the "best" or most valuable ID Aids.

Suggest web sites you think would be valuable ID Aids to keep the ID Aid collection growing and current.

Give us feedback about ID Source – it is simple to do and will help us improve and increase the value of ID Source for you and your colleagues.

Thumbnail screenshots have been captured and detailed information about ID Aids gathered for easy evaluation while searching for the right ID Aid.

We have just completed mining the Web for valuable ID Aids that offer coverage of species included in the AHP 2012 list.

ID Source can be accessed at: <http://idsource.colostate.edu>

4. USDA CPHST is pleased to announce the release of its newest identification tool, *Terrestrial Mollusc Tool (TMT)*, developed through collaboration between CPHST's Identification Technology Program (ITP) and the University of Florida. *TMT* is a comprehensive identification tool, with extensive background information, a wide variety of images and illustrations, and many other features designed to assist the user with the challenge of identifying this difficult, important group of pests. Terrestrial molluscs are distributed worldwide and have successfully colonized many natural and disturbed habitats. Most species are generalist herbivores; some are important agricultural and ecological pests while others are considered contaminants that may affect the quality and value of agricultural produce. *TMT* includes 33 families and 128 species of snails and slugs of quarantine significance and contaminant species commonly intercepted at U.S. ports of entry.

Special features:

Content is presented using plain language, minimizing scientific terminology where possible.

Detailed, fully illustrated, step-by-step dissection tutorials, one for snails and two for different types of slugs.

Fully viewable and usable on mobile devices, offering users considerable flexibility.

Identification key may be run as a server side application, allowing users to circumvent downloading the key and enabling use on non-Java enabled devices such as iPhones and iPads. Fact sheet word search capabilities with a specially designed

results page to enhance the identification experience.

A comprehensive image gallery where users can view all images in the tool at one time and then link directly to a species fact sheet.

Terrestrial Mollusc Tool can be accessed at: <http://idtools.org/id/mollusc/>

5. *Dried Botanical ID*

Collaborators: Delaware State University and PPQ Eastern Region.

Authors: Arthur O. Tucker, Amanda J. Redford, Julia Scher, Matthew D. Trice.

USDA CPHST is pleased to announce the release of its newest identification tool, *Dried Botanical ID*, developed through collaboration among CPHST's Identification Technology Program (ITP), Delaware State University, and USDA/APHIS/PPQ Eastern Region. Designed for use by a wide variety of individuals, *Dried Botanical ID* aims to provide support for the identification of dried botanicals imported for varied uses including potpourri, decorative plant arrangements, and handicraft items.

Dried Botanical ID currently includes 245 different dried botanical products. Due to the highly modified and varied nature of dried botanical products, this is ITP's first image-based tool, relying heavily upon the use of images to support the identification process. The tool also features an interactive image gallery for convenient viewing of all images in the tool, allowing the user to save selected images from the gallery to an account for future reference.

Dried Botanical ID can be accessed at: http://idtools.org/id/dried_botanical/