



Seminario Internacional de Sanidad Vegetal, Ciudad de la Habana, Cuba, 24 a 28 de mayo del 2004

## Second Announcement

Latin American and Caribbean Symposium  
"Mites Biodiversity: Use, Protection and Conservation"

Havana City-Cuba, 24 -28 May of 2004

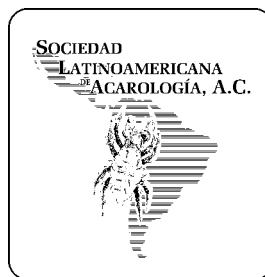


*INISAV*

**Plant Protection Research Institute**



**Acarologists Section  
Zoology Cuban Society**



**Latin American  
Association Acarologists**



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Dear colleagues:

The Global Biodiversity of the species estimate in general has attracted the attention of the scientists in the last times, however it is still needed of new approaches, concepts and investigations to reach a bigger understanding from its variability to small and great scale and protect in an efficient way the biota. The descriptive, qualitative and quantitative studies of the biological diversity in acari are even very scarce, not only in the natural areas but also in the present fauna over other zoological groups including the man, in the agricultural ecosystems, and in all the habitats where they can register species of mites.

The Biodiversity Convention (CBD) it demands and supports any initiative related with the studies about the Biological Diversity with the objective of "... to provide an independent, critical and scientific analysis of the most common topics, theories and vision of the main aspects of the Biodiversity..." that is the responsible for the continuity of the life in the planet.

Keeping in mind these approaches the **Acarologists Section of Zoology Cuban Society**, invites them to participate in the **Latin American and Caribbean Symposium "Mites Biodiversity: Use, Protection and Conservation"** that it will take place in **Havana City, Cuba, May 17 at 21/ 2004**, during the celebration of **V International Scientific Seminar of Plant Health**, organized by **Plant Health National Center (CNSV), Agricultural Health National Center (CENSA) and Plant Protection Research Institute (INISAV)**.

The **Acarologists Section of Zoology Cuban Society**, it has organized this event like contribution and support to zeal of **Latin american Association of Acarologists (SLA)** whose fundamental purpose is the development of this science in Latin America and Caribbean. In this event of scientific and technician character, the conditions will be created for the exchange among investigators, specialists, professors, technicians and students related with the mite's science in the areas of the plant protection, the human and animal health, educational methods and the environment. During the symposium it will also take place the **IX Cuban Acarologists National Meeting**, visits to scientific and educational institutions and other encounters that will enrich this event.

Be welcome to Cuba in May of the 2004.

Dra. Josefina Cao López  
President of Acarologists  
Section  
Zoology Cuban Society

Dra. Lérida Almaguel Rojas  
Vice-president of  
Acarologists Section  
Zoology Cuban Society

Dr. Hiram González  
President of Zoology Cuban  
Society



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**Main sponsors:**

*Centro Nacional de Sanidad Vegetal (CNSV)*

*Centro Nacional de Sanidad Agropecuaria (CENSA)*

*Instituto de Investigaciones de Sanidad Vegetal (INISAV)*

**Cuban sponsors:**

*Ministerio de Ciencia, Tecnología y Medio Ambiente (CITMA)*

*Ministerio de Educación Superior (MES)*

*Ministerio de Agricultura (MINAG)*

*Universidad Central de Las Villas "Marta Abreu"*

*Asociación Cubana de Técnicos Agrícolas y Forestales (ACTAF)*

*Asociación Cubana de Técnicos azucareros (ATAC)*

**Organizing committee**

**Committee of Honor**

Dra. Anita Hoffman. Acarology Laboratory of UNAM

Dra. Magally Quiroz. President SLA (email: [master@slacarologia.com](mailto:master@slacarologia.com) )

Eng. Alfredo Salinas. Cuban Acarologists

**Presidents:**

Dr. Hiram González, President SOCZOOLOGIA (email: [zoología.ies@ama.cu](mailto:zoología.ies@ama.cu))

Dra. Josefina Cao López, Teacher UH, Vocal SLA (email: [jcao@fbio.uh.cu](mailto:jcao@fbio.uh.cu))

**Executive secretary:**

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**Scientific secretary:**

Dra. Mayra Ramos Lima (email: [mayramos@cnsn.cu](mailto:mayramos@cnsn.cu))

**Publics Relation:**

Lic. Naomí Cuervo Pineda (email: [zoología.ies@ama.cu](mailto:zoología.ies@ama.cu))

Msc. Eleazar Botta Ferret (email: [lalmaguel@inisav.cu](mailto:lalmaguel@inisav.cu))

Msc. Alina Beltrán (email: [icit@ceniai.inf.cu](mailto:icit@ceniai.inf.cu))

**Volunteers:**

Dra. Dania Prieto Trueba (email: [dania@fbio.uh.cu](mailto:dania@fbio.uh.cu))

Dra. Bárbara Fernández (email: [labrada@biocen.colombus.cu](mailto:labrada@biocen.colombus.cu))

Lic. Alexis Labrada, ( email: [labrada@biocen.colombus.cu](mailto:labrada@biocen.colombus.cu))



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## IMPORTANT NOTICE

Responding to the suggestions of many colleagues, we have made changes in the organization of the *V International Scientific Seminar of Plant Health* with the purpose of to diminish the costs for the participants and to carry out it in the Historical Centre of the Colonial Havana "Historical Old Havana", World Heritage Site (UNESCO, 1982), where, beyond the mere restoration of squares, streets and buildings, the city Historian's Office, directed masterfully by the Dr. Eusebio Leal, suggests a diverse cultural product in an environment marked by the history and the tradition.

The main changes are the following ones:

-The date of the event will be from 24 to 28 of May 2004 (One week after the date fixed initially).

-Aspects included in the inscription quota: Besides the participation in sessions, the documents (summaries, programs), participation certificates and briefcase, the inscription quota will include coffee-break and daily lunches for all the participants, Cocktail of Welcome and Party of Farewell, Concert in the hall Basílica Menor of San Francisco de Asís, lecture on Historical Centre and trips around old city of Havana.

-The day of field or trip of Wednesday: There are special invitation of the Organizing Committee for all the participants of the event and offer four options that combine visits to interesting tourist places with agricultural development and research institutes, among others. Lunch is included for the participants.

-Individual visits to the Museums and Cultural Centres of the Historical Centre of the Havana will be without charge for all the participants with the presentation of the credential of the event. Each participant will have a map of the Historical city of Havana.

-New offers of hotels:

For groups of more than 10 students or delegates.

They offer preferential prices are offered in Student Residences (30 US\$ daily with breakfast and 41 US\$ with breakfast and dinner) and all the expenses payments (lodging and feeding) for the leader of the group. Daily transport is included.



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For groups of 10 delegates in the hotels of the Historical Old Havana: Since 37 up to 47 US \$ daily (lodging and breakfast).

New and very attractive hotels are included near to the place where the Seminar will develop all of them with preferential prices.

### General programs

Day/hour	8.30 - 11.30	11.30 -12.00	12.00 -3.30	3.30 - 5.00	8.00 PM
Monday 24	VS/CM1/SC1	Coffee break	T1/SC2	Lunch	VS(Welcome reception)
Tuesday 25	CM2/PO1		PO2/SC3		VS(Old Havana trip)
Wednesday 26	VS(Tourism and science: 4 trips included in the inscription)				
Thursday 27	T2	Coffee break	T2	Lunch	Concert
Friday 28	PO3/SC4		R/ VS (closing)		VS(Farewell activity)

#### Legend:

VS= General activity of V Seminar

Activities Latin American and Caribbean Symposium: B= Welcome to the delegates; CM= Confers masterful; PO= short oral presentations; SC= visits and discussion of the sessions of posters; T: workshops y R= Meetings and business.

### Preliminary scientist programs (See attachment notice)

#### Monday may 24:

VS. Opening ceremony V International Scientific Seminar of Plant Health. Dra. Maria del Carmen Pérez, Science y technology Vice ministry of MINAG. Dr. Eusebio Leal, Historian of the City.

#### Activity Latin American and Caribbean Symposium:

B. Welcome to the delegates to Latin American and Caribbean Symposium. Dra. Josefina Cao (Presiden).

CM1. "Genetics contribution to the mite's biodiversity studies: from taxonomy and the evolution of species to plagues management". Dra. Maria Navajas. INRA, . France.

SC1. Taxonomy, phylogeny and topics tune. All the interested ones. Dra. María Navajas and Dra. Josefina Cao.

T1 \*\*. "An overview about Brevipalpus mites, citrus leprosis and related mite-born viruses". Dr. Jose Carlos Rodríguez; Dr. Carl C. Childers ; Ed Ayers.



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\*\* T1, It was coordinated to carry out together with APS event

SC2. Brevipalpus mites, leprosis and topics tune. **Dr. Jose Carlos Rodríguez; Dr. Carl C. Childers; Ed Ayers; Dra. Gloria González y MSc. Alina Beltrán**

### Tuesday may 25:

CM2. "Biological control potential of *Euseius mesembrinus* as depredator of *Eutetranychus banksi* (Acari: Phytoseiidae, Tetranychidae) in citric, lessons and experiences". **Dr. Mohamed H. Badii. UANL, Mexico.**

PO1. Mite biodiversity in different ecosystems (agricultural, soil and others) (According to summaries that are received). Special intervention. **Dra. Ana Hoffmann, UNAM. Mexico and Dr. G.W. Krantz, University, Corvallis, USA.**

SC3. Mite biodiversity and topics tune.

PO2. General themes (According to the abstracts that we received)

SC4. General themes (According to the abstracts that we received)

### Wednesday may 26:

Vs. Trips of touristy and scientific interest

No.	Trips
1	It includes visit to the B. t. biofactory of Guira of Melena and to the Centre of handmade production of entomofagous and entomopatogenous (CREE) of San Antonio de los Baños, transportation, lunch in the Old Havana and travelled by the Historical Centre (The historical Centre of the Capital of the country, declared Cultural Patrimony of the Humanity by the UNESCO, it interweaves a profusion of styles that transform it into a place of great attraction).
2	It includes visit to the tobacco Enterprise and Tobacco Research Institute in San Antonio de los Baños and to an area of protected crop of Ceiba del Agua, transportation and lunch in the hotel Las Yagrumas.



3	It includes visit to the National Centre of Agriculture Health (CENSA), trip to the Havana east beaches, transportation and lunch. (To some 25 kilometres of the Cuban capital it is an extensive well-known coast fringe as the Blue Circuit, where there very visited beaches. Under a wide area of more than 15 kilometres they are grouped six beach tracts with characteristic very own. These ideal marine places possess fine sands of white colour with remains of corals and snails, not very deep and crystalline waters, with tones from the clear blue to the green. They constitute places preferred by the Havana population and the international tourism.)
4	It includes visit to the Plant Protection Research Institute (INISAV), trip to the orchid garden of Soroa, travelled by the Tourist Complex Las Terrazas, transportation and lunch. (In the Biosphere Reservation Sierra del Rosario is place The orchid garden of Soroa where the abundance of water and the soft humidity of the mountains, allow to cultivated more than 700 species of orchids coming from many places of the planet. the tourist complex Las Terrazas it is a rural experience of sustainable development that conjugates, 5 000 ha of forests and a laborious community of 890 inhabitants to offer an unique product, where the flora and the endemic fauna and social experiences, they will allow to enjoy unforgettable time).

#### **Jueves 27 de mayo del 2004.**

T2. "Allergenic mite". Lic. Alexis Labrada, Lic. Bárbara Fernández. Centro Nacional de Biopreparados y Sociedad Cubana de Alergología

#### **Viernes 28 de mayo/2004**

PO3. General themes (According to the summaries that we received)

SC4. "Allergenic mite" and topics tune

R. IX Cuban Acarologists National Meeting.

**VS. Farewell activity V International Seminar**



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## Attachment Notice

The program of the symposium is considered preliminary, because still there are several activities of general character that are negotiating, that at least, all the coordinators and participant they have confirmed its attendance and they are related next:

- Round table "Mites of agricultural and quarantine importance ". Chairman: **Dr. Gilberto J. de Moraes** ([gjmoraes@carpa.ciagri.usp.br](mailto:gjmoraes@carpa.ciagri.usp.br)), others participants: **Dra. Magally Quiros** ([master@slacarologia.com](mailto:master@slacarologia.com); [mquiroz@mail.luz.ve](mailto:mquiroz@mail.luz.ve)); **Dr. Gabriel Otero Colina**, ([gotero@colpos.mx](mailto:gotero@colpos.mx)); **Dr. Hugo Aguilar**, ([hugoa@cariari.ucr.ac.cr](mailto:hugoa@cariari.ucr.ac.cr)); **Dr. Raúl Villanueva** ([Raul\\_Villanueva@ncsu.edu](mailto:Raul_Villanueva@ncsu.edu)); **Dra. Lérida Almaguel**, ([lalmaguel@inisav.cu](mailto:lalmaguel@inisav.cu)); **Roberto Trincado** ([mipacaros@yahoo.es](mailto:mipacaros@yahoo.es)); **Dra. Mayra Ramos** ([mayramos@cnsn.cu](mailto:mayramos@cnsn.cu))
- Digital images in mites and insects. **Dr. Brian D. Farrell**. [farrellb@oeb.harvard.edu](mailto:farrellb@oeb.harvard.edu)
- Mite's diversity in Central America. **Dr. Tom Goldschmidt**. [dc30@rz.uni-karlsruhe.de](mailto:dc30@rz.uni-karlsruhe.de)
- Workshop "Soil mite's diversity in Latin America". Chairman, **Dra. Dania Prieto**. Fac. Biología. UH. Ciudad de La Habana. [dania@fbio.uh.cu](mailto:dania@fbio.uh.cu)

### Information for the presentations:

The presentations will be oral, posters or video. The official languages are Spanish and English.

### Send of abstracts:

**Dates limit for the reception of the works: March 10 the 2004**

Please send the summaries to the following electronic address: [lalmaguel@inisav.cu](mailto:lalmaguel@inisav.cu)

The Scientific Commission will inform the reception and acceptance or not of the works, without it excludes the possibility to participate in the event like delegate. In the event of acceptance we will point out the presentation modality and the session where you will participate. The official languages of the event will be Spanish and English.

The abstracts will appear in the memory of the conference and the titles and authors in the program that will locate in the site web of the event and in a book.

### Format for abstracts and complete works





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Abstracts: They will be presented with the following format: title, authors, institution, city, country; it won't exceed the 250 words.

Complete works: They will have as minimum five sheets and a maximum of 15 and it will be structured in introduction, objectives, material and methods, results, conclusions and bibliographical references.

The processor of used text will be Word version 6.0 or superior with the following format:

Letter: Times New Roman (12)

Text: Justified

Margins: 2,5 cm and leaf  $8 \frac{1}{2} \times 11$

Title of the work: Times New Roman (12), Justified, written with boldfaces letters.

The author's data: They will be written after the title. Name and last names the author's in boldface, the presenter's name will be underlined. Name and address of the institution, telephone, fax, mail and country everything in boldface (to see example under). The document won't exceed of 1 megabytes of size. In case it is bigger than 300 kbytes it should be in Zip file.

The audiovisual means that are required for the presentations, will be informed to the Scientific Committee in the summaries.

The presentations with computers should be adjusted to the following requirements:

- ♦ Operative Systems on Windows
- ♦ Presentaciones in Power Point
- ♦ Presentaciones in CD, diskette 3.5", support for Iomega Zip of 100 mb
- ♦ Presentations in Zip file with the following applications:

WinZip version 8,0 (or inferior)

Winrar version 2,5 (or inferior)

- ♦ The applications that need associate programs should come with the facilities of the same ones (Quicktime, Adobe Acrobat, etc.).

The interested ones in presenting free topics around the central and specifics thematic, including other topics of interest linked to the profile of the Symposium, they will be able to make it in the modality of posters. Each work will have assigned in the scientific program, day and schedule, being advisable the presence of the author at the signal hour,



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to respond to the possible questions. The authors will have a time for the assembly of the works; the size of the panels is 0,82 m of wide for 1,20 m of long.

### **Inscription of the Event:**

For those that send the summary and confirmation of attendance to the conference before March 10, 2004, the inscription quota it will be of:

- **Delegates: 250 US \$**
- **Students: 125 US \$**
- **Companions: 70 US \$**

The inscription quota for the delegates includes: Case, program, memory and certificate, access to the scientific sessions, welcome and closing activity, lunch, coffee break, trip of Wednesday, concert and speech.

The inscription quota for the companions includes: Participation in the opening and closing section, welcome and closing activity, concert and speech.

For those that send their confirmation of attendance after March 10, 2004 the inscription quota will be of:

- **Delegates: 350 US \$**
- **Students: 210 US \$**
- **Companions: 90 US \$**

### **Posters presentation at distance.**

It must be paid 50 US\$ for work printed mailed and 80 US\$ for sending electronic work to be print, which should not pass of 8 slides in power point, with white bottom. It gives the right of certificate and book summary in electronic format.

### **Registration:**

The payment will be made in cash in US\$ at the moment of the event registration.

### **Migratory regulations:**

People that travel to Cuba should possess their effective passport or the trip document sent to their name and the corresponding visa or tourist's card, except in the case of the travellers coming from countries with which Cuba has agreements of free Visa. Tourist's cards (single or to a group) they can be requested in the Cuban consular representations in any part of the world and in the travel agencies or airlines. The businessmen, journalists



that like to exercise these functions in the national territory and the natural citizens from Cuba non residents or that they show another nationality, they will obtain a visa emitted in the Cuban consulates.

The participants will be able to request invitation letters for the migratory applications.

**Packages for 6 nights and 7 days in US\$ per person. (Total / daily)**

Hotel		Single room		Double room		Groups (+ 10)
Map loc.	Name	Breakfast	Breakfast and evening meal	Breakfast	Breakfast and evening meal	Double room and breakfast
*	Hotel Nacional (5★)	700/117	860/143	500/83	653/110	
8	Conde de Villanueva	610/102	745/125	480/80	610/102	
3	Hotel Telégrafo	545/90	625/104	415/69	495/83	
3	Hotel Inglaterra (4★)	460/76	565/94	330/55	430/72	
2	Ambos Mundos	460/76	540/90	330/55	410/68	
9	Hostal Tejadillo	420/70	480/80	310/52	375/63	
7	Hostal Los Frailes	410/68	470/78	300/50	365/61	280/47
10	Comendador	410/68	470/78	300/50	365/61	280/47
16	Beltrán de Santa Cruz	410/68	470/78	300/50	365/61	280/47
3	Hotel Plaza(4★)	385/64	460/76	280/46	350/58	260/43
6	Hotel Park View	345/58	405/68	255/43	315/53	235/39
11	Hostal Valencia	330/55	410/68	240/40	320/53	220/37
14	Mesón de la Flota	330/55	410/68	240/40	320/53	220/37
*	Hotel Vedado (3★)	270/45	340/57	200/33	270/45	190/32
*	Hotel St. John's (3★)	270/45	340/57	200/33	270/45	190/32
*	Groups of Student Residences with guide Free			180/30	245/41	

*\*Hotels outside of the historical beat of Havana.*



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### **The prices:**

Include: Lodging 6 nights / 7 days in hotel and selected feeding regime; transfer Airport-hotel-airport; daily transportation to all the official activities of the event and personalized attendance.

Not include: Airport tax; medical insurance; inscription of the event.

### **General information**

#### **Web site of the event:**

[www.inisav.cu/vseminario.htm](http://www.inisav.cu/vseminario.htm)

#### **Electronic mail of the event:**

[vseminario@inisav.cu](mailto:vseminario@inisav.cu)

#### **Contact persons.**

#### **Scientific event:**

Dr. Eduardo Pérez Montesbravo (INISAV)

E-mail : [eperez@inisav.cu](mailto:eperez@inisav.cu)

Dr. Lourdes Sanchez Portales (CENSA)

E-mail: [lsanchez@censa.edu.cu](mailto:lsanchez@censa.edu.cu)

Lic.Pilar Navarro Moya.

E-mail: [estadística@sanidadvegetal.cu](mailto:estadística@sanidadvegetal.cu)

#### **Registration, trips and accommodation:**

Lic.Silvia Hernandez Delgado

Agencia de Viajes Especializados UniversiTUR

Carret. de Jamaica y Autopista Nacional, Apdo. No.10, San José de las Lajas, La Habana, Cuba

Telef: (53 64) 62752 / 63206

Fax: (53 64) 98104, 63897

E-mail: [silvia@censa.edu.cu](mailto:silvia@censa.edu.cu)



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## Registration form

<b>Planilla de acreditación / Registration form</b>				
Prof. / Dr./ Ms. / Mr :				
Afilación / Affiliation :				
Dirección/Address:				
Estado / State or Provincia/Province:			País/ Country:	
Código Postal/ Postal Code:			Teléfono / Telephone:	
Fax:			E-mail:	
Persona(s) acompañante(s) / Companing Persons:				
Marque una X en los eventos que expondrá sus trabajos./ X mark in the events that you will expose yours work				
<b>Eventos científicos incluidos / Scientific events included.:</b>				
A. 44 Reunión Anual de la Sociedad Fitopatológica Americana-División del Caribe (SFA-DC). 44 Annual Meeting of Phytopathological Society-Caribbean Division (APS-CD)				
B. Simposio Latinoamericano y Caribeño de Acarología. "Biodiversidad acarina: Su utilización, protección y conservación". Dra. Lérica Almaguel (email:lalmaguel@inisav.cu) Latin American and Caribbean Symposium of Acarology . "Mites biodiversity: Utilization, protection and conservation".				
C. III Congreso Latinoamericano de la Sección Regional Neotropical de la Organización Internacional de Control Biológico (OICB). III Latin American Congress of Regional Neotropical Section of the International Organization for Biological Control (IOBC).				
D. Simposio sobre Manejo Agroecológico de plagas en la Agricultura Tropical. Symposium on Agroecological Management of Pest in Tropical Agriculture.				
E. Conferencia Internacional de Alternativas al Bromuro de Metilo. International Conference on Alternatives to Methyl Bromide.				
Titulo de la presentación / Title of presentation :				
Tipo de presentación / Type of presentation		Oral		Poster
Inicialmente me interesaría participar en la excursión número. / Initially I would be interested to participate in the trip number:				
El pago de la cuota de inscripción debe hacerse en efectivo y en US\$ en la sede del evento en el momento de la acreditación./ The payment of the inscription quota should be made cash in US\$ at the moment of the registration to the event.				
Reservación de hotel / Hotel reservation.				
Para optar por los precios preferenciales de alojamiento y servicios, debe realizar su reservación antes de su llegada a Cuba./ To opt for the preferential prices of lodging and services, you should carry out your reservation before you will arrive to Cuba.				
Hotel	Señale su selección de acuerdo al listado / Points out your selection according to the list :			
	Habitación Sencilla / Single room		Habitación Doble / Double room	
	Desayuno / Breakfast	Desayuno y cena / Breakfast and dinner	Desayuno/ Breakfast	Desayuno y cena / Breakfast and dinner
Día de llegada / Day of arrival:				
Día de partida / Day of departure:				
Envíe la planilla a / Send the registration form to:				
Dr. Eduardo Pérez Montesbravo. Secretario Ejecutivo / Executive Secretary E-mail: <a href="mailto:vseminario@inisav.cu">vseminario@inisav.cu</a>		Lic. Silvia Hernández Delgado Agencia de Viajes Especializados UniversiTUR Carret. de Jamaica y Autopista Nacional, Apdo. No.10, San José de las Lajas, La Habana, Cuba Telef.: (53 64) 62752 / 63206 Fax: (53 64) 98104, 63897 E-mail: <a href="mailto:silvia@censa.edu.cu">silvia@censa.edu.cu</a>		