



# Alabama Vector Management Society

www.alabamavms.org

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February 2010

## Get ready for the 21st annual meeting of the AVMS in Auburn, Alabama

The 2010 meeting is nearly here! This meeting will follow a different format from past years. Registration will begin at 10am on the **17th** of March and will last until 1pm. The meeting will begin at 1pm and last until 5pm. On the **18th**, we will resume at 8am and will conclude at noon. This new format will enable members traveling from distant parts of the region to stay just one night in a hotel, decreasing both cost of attending the meeting as well as the amount of time spent away from home. **Please note that these dates differ from the dates given in the previous issue of the AVMS newsletter, so make sure to plan for the correct dates.**

Several administrative positions within the AVMS will be open for nominations at the 2010 meeting. Those positions include president elect, treasurer, secretary, editor and director. The membership will vote on the positions at the close of the meeting on the first day. If you are interested in filling any of these positions, just speak with any of the current officers or board members (listed on page 2) at the meeting and let them know that you would like to run for an office. Among other duties, the officers and board members meet 4 times per year to discuss business of the society and plan the annual meeting.

Nominations have already been received for several offices. Nathan Burkett has been nominated to serve as Editor for the 3rd year of a three year term (elected annually). Rachel Beck has been nominated to serve as Treasurer for the 3rd year of a three year term (elected annually). Kelly Stevens has been nominated to serve as Secretary for the 3rd year of a three year term (elected annually). Fudd Graham and

Jennifer Wroten have been nominated to serve as directors (2 year term each). Mike Leahy has been nominated to serve as President Elect.

In addition to board members and officers, the AVMS needs members to serve on our committees. We have a Nominating committee, Membership committee, Editorial committee, Program committee and Internal Audit committee. If you are interested in serving the AVMS on one of these committees, please talk to one of the current officers or board members.

The 2010 meeting will be held at **Lexington Hotel University Convention Center, 1577 S. College Street, Auburn, AL**. Call the hotel at 1-800-282-8763 and mention that you are attending the AVMS meeting to get the great room rate (\$62.99/night + tax).

For your convenience, a registration form is included with this newsletter. Mail your form and payment to:

*Mail to: Rachel Beck  
P.O. Box 2974  
Gulf Shores, AL 36547*

Visit the AVMS website for further details and reservations.

<http://www.alabamavms.org/>

**We hope you will join us in Auburn for the 21st annual meeting of the AVMS. The meeting is sure to be informative, educational and FUN!**

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### Dates To Remember:

**March 17-18, 2010**  
Alabama Vector Management Society annual meeting  
Auburn, AL

**March 28 - April 1, 2010**  
AMCA 76th Annual Meeting  
Lexington, KY



**Board of Directors  
2009-2010**

**Officers**

Jeff Beck.....**President**

City of Gulf Shores  
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jbeck@gulfshoresal.gov

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Kelly M. Stevens...**Secretary**

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Rachel Beck....**Treasurer**

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Nathan D. Burkett-Cadena...**Editor**

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301 Funchess Hall  
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grahalc@auburn.edu

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Suzanne Ball

Baldwin County Health Department  
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Summerdale, AL 36580  
Suzanne.Ball@adph.state.al.us

**The AVMS is grateful to have the support and sponsorship from industries.  
Below is a list of sustaining members for 2009.**

<b>Vendor</b>	<b>Phone #</b>
Central Life Sciences/Zoecon	256-536-3134
Gil Manufacturing Inc.	334-284-8111
Univar USA	251-666-5995
Bayer Environmental Science	772-562-5550
Mosquito Control, Inc.	504-366-0084
Forshaw Distribution	615-244-6699
Cheminova	973-305-6600
Clarke	800-323-5727
ADAPCO Inc.	888-400-9085
Bell Laboratories Inc.	404-644-5150

**CODE OF ETHICS FOR MEMBERS OF THE  
ALABAMA VECTOR MANAGEMENT SOCIETY**

**Preamble:** The purpose of the Alabama Vector Management Society is to promote the management of public health pests and arthropod vectors of disease, provide for the educational and scientific advancement of members, encourage scientific research in vector management and public health pests, promote an exchange of information among members, and to extend and develop public awareness and interest in the discipline.

Public health pest and vector management provides services that are extremely important to the health, welfare and progress of society. Those employed in the public health pest and vector management profession have the responsibility to render effective and professional service to humanity, in keeping with high standards of ethical conduct. Therefore, in striving to advance and main-

tain the honor and dignity of the profession, the Alabama Vector Management Society (AVMS) has established the following code to define the conduct and ethics due the profession. This code is binding on the membership of the AVMS.

AVMS members will use their knowledge and skill for the betterment of human welfare.

- Members will, at all times, strive to maintain the public trust, and advance the standards and principles established by the AVMS.
- Members will cooperate in the exchange of information and technology for the growth and progress of the public health and vector management profession and the AVMS.
- Members will not cause dishonor to the Society through their actions while representing the AVMS.
- Members will comply with all laws and regulations that apply to our science and profession.
- Members will promote solidarity, harmony and support among members and fellow workers. They will not undermine, vilify, berate or otherwise intentionally injure the work, accomplishments, efforts or professional reputation of another.
- Members will not conduct or in any way participate in a fallacious review of the work of a fellow worker or other member.

ALABAMA VECTOR MANAGEMENT SOCIETY  
ANNUAL MEETING REGISTRATION FORM

NAME: \_\_\_\_\_  
AFFILIATION: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_  
CITY, STATE, ZIP: \_\_\_\_\_  
TELEPHONE: \_\_\_\_\_  
E-MAIL \_\_\_\_\_

- PRE- REGISTRATION (BEFORE MARCH 1, 2010)      \$75.00  
 REGISTRATION (AFTER MARCH 1, 2010 OR ON SITE)      \$100.00  
 STUDENT REGISTRATION      \$25.00

*Mail to: Rachel Beck  
P.O. Box 2974  
Gulf Shores, AL 36547*

AMOUNT ENCLOSED \_\_\_\_\_

MAKE CHECKS PAYABLE TO:  
**Alabama Vector Management Society**

I UNDERSTAND THAT, AS A MEMBER OF THE AVMS, I AM EXPECTED TO ADHERE TO THE AVMS CODE OF ETHICS.

\*Registration/Membership dues are for AVMS membership year 2010 ALABAMA VECTOR MANAGEMENT SOCIETY

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# Vector Spotlight

## *Psorophora ciliata* "The Gallinipper"



*Psorophora ciliata* is the largest of the biting mosquitoes in our area. Adults are recognized by stout body and legs, which are covered in shaggy, erect scales. Tufts of dark setae on the hind legs, give them an almost furry appearance. The hind tarsi have large pale bands at the base of each segment. Females of this species will most likely be mistaken for only one other species, *Psorophora howardii*, the second largest of the biting mosquitoes. These two species can be told apart by the patterns on the dorsal parts of their thoraxes. *Psorophora ciliata* females have a golden stripe down the center on their thoraxes. Females of *Ps. howardii*, however, have a stripe of white scales down the center of their thoraxes. In addition the palps of *Ps. ciliata* are relatively short compared to those of *Ps. howardii*, which are usually half the length of the proboscis. Females of *Ps. ciliata* feed on large mammals, including humans. Although the bite of *Ps. ciliata* females can be quite painful, they are not known to transmit any pathogens to humans. They are quite pestiferous and persistent biters in places where they are abundant. Females of can be collected with CO<sub>2</sub>-baited light traps where they are abundant. *Psorophora ciliata* is widely distributed across the eastern half of the U.S. and southern Canada.

Larvae of *Ps. ciliata* are large with a somewhat square-shaped head. The siphon is long and stout. They are most commonly encountered in sun-lit temporary pools, with larvae of *Aedes vexans* and other floodwater species. *Psorophora ciliata* larvae are predaceous, consuming the larvae of other mosquito species.



Adult female *Psorophora ciliata* feeding on blood  
Photo by Nathan D. Burkett-Cadena



Adult female *Psorophora ciliata* next to penny, for scale  
Photo by Nathan D. Burkett-Cadena

ALABAMA VECTOR MANAGEMENT SOCIETY  
ANNUAL MEETING REGISTRATION FORM

NAME: \_\_\_\_\_  
AFFILIATION: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_  
CITY, STATE, ZIP: \_\_\_\_\_  
TELEPHONE: \_\_\_\_\_  
E-MAIL \_\_\_\_\_

Mail to: Rachel Beck  
P.O. Box 2974  
Gulf Shores, AL 36547

**For Vender Information Contact:**

**Jimmy Quint.....Industry Liaison**  
**713 Lakeside Drive W.**  
**Mobile, AL**  
**251-666-5995**  
**james.quint@univarusa.com**

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