



# Alabama Vector Management Society

[www.alabamavms.org](http://www.alabamavms.org)

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November 2010

## Save the date for the 2011 AVMS meeting!!!

The 22nd Annual Meeting of the Alabama Vector Society meeting will be held March 8-9, 2011 in Orange Beach, Alabama at the Fairfield Inn & Suites, 3111 Loop Road (251-543-4444).

Visit the hotel website @ <http://www.marriott.com/hotels/travel/pnsob-fairfield-inn-and-suites-orange-beach> for information.

The meeting will begin at 1:00 p.m. on Tuesday, March 8 and end at noon March 9. The registration desk will be open the morning of March 8 so you can pick up your name badge, receipt and registration packet.

We were able to get great room rates since our meeting occurs just before the spring break season starts. Rooms will be \$79.00 per night plus 12% tax on Monday and Tuesday nights. Reservations must be received by Wednesday, 02/09/2011. After this date reservations will be accepted on a space and rate available basis only.

The group code for our meeting is AVMS. Use this when making your reservations to make sure you get our group rates. Also, please stay at the conference hotel so that we can fulfill our lodging requirements to keep the cost of the meeting room and other expenses low.

The facility can be set up for 60 classroom or 100 theater style, so we need everyone to register ahead of time for the meeting so that we can get the facility set up correctly and plan for a great meal Tuesday evening.

We are working on another interesting program. So, put the date on your calendar; go to our web site; download our registration form; register for the meeting; pay your annual membership dues; then call the hotel to reserve your room. I look forward to seeing you there.

Fudd Graham  
AVMS President elect 2011

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### Dates To Remember:

#### **March 8-9, 2011**

22nd Annual Meeting of the AVMS

Orange Beach, AL

#### **March 20-24, 2011**

77th Annual Meeting of the American Mosquito Control Association



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**The AVMS is grateful to have the support and sponsorship from industries.  
Below is a list of sustaining members for 2010.**

<b>Vendor</b>	<b>Phone #</b>
Central Life Sciences/Zoecon	256-536-3134
Gil Manufacturing Inc.	334-284-8111
Univar USA	251-666-5995
AllPro	888-603-1008
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 maintain 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.



# Vector Spotlight

## *Lipoptena mazamae* "Neotropical Deer Ked"



The Neotropical Deer Ked is a blood-feeding fly that parasitizes white-tailed deer (and occasionally other mammals) in the southeastern US and Central America. Occasional hosts include the red brocket deer (in Mexico), cattle, and cougars. They will also occasionally bite humans.

This deer ked is small, brown and dorso-ventrally flattened. They are about the size of a deer tick and are often misidentified as ticks. Deer keds are insects and therefore have wings and six legs, whereas ticks are arachnids, which are eight-legged and never have wings. Deer keds shed their wings when they find a host, making their correct identification more difficult. Both male and female keds feed on blood.

The life cycle of deer ked is very interesting. After finding a host, the female fly will produce a single larva, which she retains inside her body and nourishes until it is fully mature. The mature larva is then laid by the female at the host's den. After pupation, a winged adult deer ked will search for a host. When a host is found the ked sheds its wings and will never leave its host.



Winged adult of the Neotropical Deer Ked,  
*Lipoptena mazamae*



adult female (left)  
pupa (center)  
larva (right)  
of *Lipoptena mazamae*

The Neotropical Deer Ked can carry several species of *Bartonella*, bacteria which can cause disease in vertebrate animals. However, it is not yet known how important keds are in the transmission of these pathogens.

Text and photos by Nathan D. Burkett-Cadena

ALABAMA VECTOR MANAGEMENT SOCIETY  
ANNUAL MEMBERSHIP & 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](mailto:james.quint@univarusa.com)**

- |   |          |
|---|----------|
| <input type="checkbox"/> MEMBERSHIP ONLY (2010 DUES)  | \$10.00  |
| <input type="checkbox"/> MEMBERSHIP ONLY (2011 DUES)  | \$10.00  |
| <input type="checkbox"/> STUDENT MEMBERSHIP ONLY (2010 DUES)                                    | \$5.00   |
| <input type="checkbox"/> STUDENT MEMBERSHIP ONLY (2011 DUES)                                    | \$5.00   |
| <input type="checkbox"/> PRE-REGISTRATION FOR MEMBERS (BEFORE MARCH 1, 2011)                    | \$75.00  |
| <input type="checkbox"/> REGISTRATION AFTER MARCH 1, 2011 or ON SITE (INCLUDES MEMBERSHIP DUES) | \$110.00 |
| <input type="checkbox"/> STUDENT REGISTRATION   | \$25.00  |

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.



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