



Alabama Vector Management Society

www.alabamavms.org

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July 2008

The 20th Annual meeting of the AVMS being planned for 2009 in Mobile, AL.

The officers and board members for the AVMS are working hard to plan the 20th annual meeting of the society. President-elect Jeff Beck of Gulf Shores mosquito control has worked tirelessly to find a fun, exciting, accessible and budget-friendly site for the meeting. After an initial round of meetings with hotel staff from various cities, Jeff suggested to the board that the meeting be held at the Renaissance River-

view Plaza Hotel in Mobile, AL. The board voted unanimously in favor of Jeff's proposal and the meeting site was thus decided. The meeting will be held March 18-19, just after the end of Mardi Gras. Board members have already begun to invite speakers and have succeeded in securing an exciting line up of presentations. The 20th annual meeting is sure to be an excellent one and we can't wait to see you there.

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The AVMS wants your company to advertise in the Newsletter. Full, half or quarter page ads available.

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Dates To Remember:

March 18-19, 2009
AVMS 20th Annual Meeting
Mobile, AL

April 5-9, 2009
AMCA 75th Annual Meeting
New Orleans, LA



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2008-2009**

Officers

Chris Slatsky.....President
Jefferson County Environmental
Services
Barton Laboratory
1290 Oak Grove Rd
Birmingham, AL 35209

Jeff Beck....President Elect
City of Gulf Shores
P.O. Box 299
Gulf Shores, AL 36547

Nathan D. Burkett-Cadena...Editor
Department of Entomology and
Plant Pathology
301 Funchess Hall
Auburn University, AL 36849
burkend@auburn.edu

Kelly M. Stevens...Secretary
Alabama Dept. of Public Health
Center for Emergency Preparedness
201 Monroe Street, Suite 1310
Montgomery, AL 36104

Rachel Beck....Treasurer
Baldwin County Health Department
15050 County Road 49
Summerdale, AL 36580

Directors

Fudd Graham
Auburn University
Department of Entomology and
Plant Pathology
301 Funchess Hall
Auburn University, AL 36849

Mike Leahy
Clark Mosquito Control
110 East Irving Park Road
Roselle, IL 60172

Mark Tow
Alabama Power
130 Arrowwood Lane
Gadsden, AL 35901

Steven McDaniel
Alabama Dept. of Public Health
PO Box 303017
Montgomery, AL 36104

The AVMS is grateful to have the support and sponsorship from industries.

Below is a list of sustaining members for 2008.

Vendor	Phone #
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 Mosquito Control Products, Inc.	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 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



Vector Spotlight

Aedes albopictus “The Asian tiger mosquito”



Aedes albopictus is not native to North America, but was accidentally introduced in the mid 1980's through the port at Houston, Texas on a ship carrying used automobile tires from Hong Kong. Since its introduction this species has spread throughout much of the eastern half of the U. S., south of the Great Lakes. Of all the mosquito species in the southeastern U.S., *Aedes albopictus* is perhaps the easiest to recognize with the unaided eye. Adults are small to medium-sized with striking black-and-white stripes on body and legs. The thorax is black with a single bright white longitudinal stripe down its center. The abdomen is also black, but has horizontal white bands. The legs have broad white bands at the base of each segment. Wings are uniformly dark. Adults can often be seen resting on the walls of shaded buildings in daylight hours. Females will fly indoors in search of a host to feed upon. *Aedes albopictus* is a very pestiferous day-time biter and seems to prefer human blood. Females of the Asian tiger mosquito will bite even in direct sunlight, a behavior uncommon to most mosquito species. *Aedes albopictus* is a competent vector of Eastern Equine Encephalitis virus in the U.S. and viruses causing Dengue (a.k.a. break bone fever) and yellow fever in the tropics.

Larvae of *Aedes albopictus* are pale bodied, with dark siphon and head capsule. They are most commonly found in man-made objects that hold water and organic debris, especially fallen leaves. Discarded automobile tires a common breeding site of this species. Larvae are also occasionally encountered in natural containers, such as rotted tree cavities that hold water.

A trap designed specifically to capture *Aedes albopictus* females is commercially available. It uses carbon dioxide to attract host-seeking females. The Mosquito Magnet®, (American Biophysics Corporation), a mosquito control device marketed towards home owners, is also effective in collecting *Aedes albopictus* females. Light traps, since normally operated at night, are relatively ineffective at collecting this species.

The best way to control pest populations of *Aedes albopictus* is to destroy or remove the containers in which they breed.



Distribution of *Aedes albopictus* in the U.S.



Adult female of *Aedes albopictus* blood-feeding. Note the distinct white stripe on the thorax and white bands on the legs.

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

- PRE- REGISTRATION (BEFORE MARCH 1, 2009) \$75.00
 REGISTRATION (AFTER MARCH 1, 2009 OR ON SITE) \$100.00
 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.

*Registration/Membership dues are for AVMS membership year 2009 ALABAMA VECTOR MANAGEMENT SOCIETY



Alabama Vector Management Society
c/o Nathan D. Burkett-Cadena, Editor
Department of Entomology and Plant Pathology
301 Funchess Hall
Auburn University, AL 36849