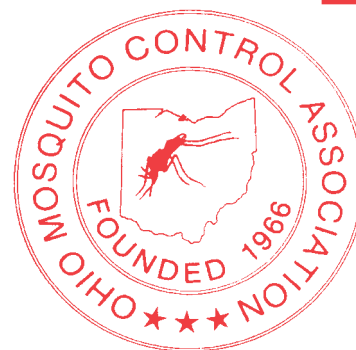




## OHIO MOSQUITO CONTROL ASSOCIATION

13690 Stonehenge Court  
Pinkerington, OH 43147



## OHIO MOSQUITO CONTROL ASSOCIATION

# NEWSLETTER

by the OMCA Board Members

Volume 43, No. 2

www.ohiomosquitocontrol.org

July, 2008

### Grant-In-Aid Program

Grant-In-Aid is available up to \$1,000 to fund projects related to vector biology, ecology, surveillance or control.

#### The Grant can be awarded to:

- Local or State Governments
- Student Research Projects

#### Application requirements:

Please submit the following to the OMCA Board of Directors:

- Project Description (1 page limit)
- Project Time Line (1 page limit)
- Proposed Project Budget\* (1 page limit)

\*OMCA will allow travel funds for the Annual Meeting when you are presenting to be included in the budget.

#### Deadline:

All information is to be postmarked on or before **May 31, 2009**.

#### Miscellaneous information:

Example applications available upon request. Recipients are awarded a one year OMCA membership.

#### Recipient requirements:

Present your project at the first annual meeting after your proposed deadline.

#### Please mail to:

Richard Gary, PhD  
Zoonotic Disease Program  
Ohio Department of Health  
P.O. Box 1430  
Reynoldsburg, OH 43068-6430  
Richard.Gary@odh.ohio.gov

### Call for Speakers

Do you have an interesting project you think the membership would like to hear about? Sign up to present at the 2008 annual meeting. Also, if you know of another great speaker or a topic you are interested in hearing about at the meeting, please contact Michael Cooper at [cooper@health.athens.oh.us](mailto:cooper@health.athens.oh.us) as soon as possible.

### Photo Salon

The time is here to start taking pictures that show our profession. Grab that digital camera (developed film is acceptable also) and snap some photos of things you think are unique or interesting. The winning photos in each class will win a cash prize. In addition, a "Best In Show" award will be given. Submit the photos to any board member or bring them to the meeting. We will display the photos during the "Attitude Adjustment" on the first day. The photos should be submitted under one the 6 classes listed below.

1. Mosquito breeding sites
2. Larval mosquito control
3. Adult mosquito control
4. Arbovirus surveillance
5. Animal portraits (may include insect, bird or mammal portraits)
6. Miscellaneous (any photo featuring nature slides or human interest material not listed above)

#### PRESIDENT

**Christopher Bauer, R.S.**  
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#### MEMBER AT LARGE

**Paul Bauman, M.S., R.S.**  
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### Message from the President

Here we are in the midst of another mosquito control and surveillance season. As I write this message, we are in our third day of record high temperatures in northeast Ohio. I also recall a late spring snowfall with measurements in feet. Hopefully the spring larvaciding efforts were successful. Now it's time to get the catch basins and containers treated, along with stepping up public education and adult control.

The Ohio Department of Health informed OMCA that the surveillance season is moving along fine with sample submissions at normal levels. Lets all keep up the good work.

Our 2008 Annual meeting is set for October 19<sup>th</sup> - 21<sup>st</sup> at the University Plaza Hotel in Columbus, Ohio. We should have a diverse speaker list including the 2007 Grant in Aid winners, Philip E. Otienoburu and Christopher M. Stone. As we mark our schedules for the annual meeting, let's remember to submit photos for the "Photo Salon". We will review these photos during the "Attitude Adjustment" at the end of the first day. Maybe you could also earn a few bucks!!

The 2009 Grant in Aid deadline is May 31<sup>st</sup>, 2009. Please review the Grant in Aid section in this newsletter as I encourage all to apply.

So, you think you're pretty smart!! Well let's just see about that. Your Board of Directors has come up with a challenging Mosquito Identification Quiz, located inside this newsletter. The answers and additional information are posted on the website, [ohiomosquitocontrol.org](http://ohiomosquitocontrol.org). We will review this at the annual meeting as well. So bring your questions and comments!!

Good luck with your programs.

Your President,

  
Christopher A. Bauer

**Annual Meeting 2008**  
October 19-21, 2008  
University Plaza Hotel  
Columbus, OH

Aedes albopictus Mosquito photo above by James Gathany. All photos in this newsletter are by James Gathany or an unknown photographer and were obtained from the CDC.

## National and State Update

### US Arbovirus Surveillance Update

Eight human cases of WNV have been reported so far this 2008 in the southern half of the country in Arizona(1), Mississippi(3), Oklahoma(1), Tennessee(1) and Texas(2). In terms of mosquito and bird surveillance, all but 10 of the 271 positive mosquito pools so far this year have come from Louisiana and all but 3 of the 68 positive dead birds collected have come from California.

Eastern equine encephalitis showed up in Florida early this spring, a few months before expected. There is still no sign of activity in the rest of the country, but Florida is reporting that 3 dead birds, 3 mosquito pools, 31 sentinel birds and 26 horses have tested positive so far this year. Most of the activity is in the northern and eastern part of the state. There have been no human cases reported so far this year.

### Ohio Arbovirus Surveillance Update

Mosquito surveillance in Ohio is underway. After a slow start, due to cold, wet weather, things have heated up and the mosquitoes are coming in. As of June 11<sup>th</sup>, the ODH Vector-borne Disease Laboratory has tested 6,610 Culex mosquitoes, 5 dead birds and 55 live bird blood samples for WNV. The live bird blood samples,

which were collected at Killbuck Marsh Wildlife Area in Wayne County, were also tested for Eastern equine encephalitis (EEE). Killbuck Marsh and nearby Brown's Lake Bog provide ideal habitat for the mosquitoes that transmit EEE. This area was the center of an equine outbreak in the early 1990s and remains a public health concern today. So far, all surveillance samples are negative for both WNV and EEE.

### Ohio Rabies Surveillance and ORV Update

Ohio's spring ORV (Oral Rabies Vaccination) operation in five northeastern counties (Cuyahoga, Geauga, Lake, Portage and Summit) occurred between May 1 and May 23; distributing 367,200 vaccine-laden baits. Dynamic Aviation fixed-wing aircraft distributed 226,800 baits, an ODNR helicopter distributed 29,880 baits, and local health department ground crews distributed 110,520 baits respectively. The fall ORV operation in 15 northeastern and eastern Ohio counties will begin in late August. To date in 2008, Ohio has had ten rabies positive animal cases: 7 bats, 2 skunks and 1 raccoon. Rabid bats have been collected from Butler, Clark, Delaware, Hamilton, Lucas, Portage and Ross counties. Both rabid skunks and the rabid raccoon were collected from Lake County.

## Corporate Sponsors

# Thank You!



ADAPCO, Inc.  
550 Aero Lane  
Sanford, FL 32771  
1-800-367-0659  
Jason Trumbetta



B & G Chemicals and  
Equipment Company  
P.O. Box 540428  
Dallas, TX 75354  
1-800-345-9387 ext. 133  
Larry Metzger  
Emmitt Bewley



Southern Mill Creek  
Products of Ohio, Inc.  
3040 E. 14th Avenue  
Columbus, Ohio 43219  
1-614-258-2220  
Brad Koehler



AllPro Vector Group  
9100 W. Bloomington Fwy. Suite 113  
Bloomington, MN 55431  
Tanya Cafarelli  
Bruce Russell



Central Life Sciences  
Zoecon Professional Products  
6242 Eagle Lake Drive  
Zionsville, IN 43077  
1-269-932-8696  
Loren Cunningham



Univar USA, Inc.  
403 Parkway View Drive  
Pittsburgh, PA 15205  
1-412-352-0076  
Bill Combs



A's Aerial Spraying  
3473 N. Shepardsville Rd.  
Ovid, MI 48866  
1-989-834-5067  
Al Schiffer  
Mick Shiffer



Clarke Mosquito Control  
159 North Garden Avenue  
Roselle, IL 60172  
1-800-323-5727  
Brian Deenihan



Valent BioSciences  
4908 Wedgfield Drive  
Wilmington, NC 28409  
1-910-547-8070  
Jim Andrews  
Ryan Solberg

# IDENTIFY THIS MOSQUITO



a

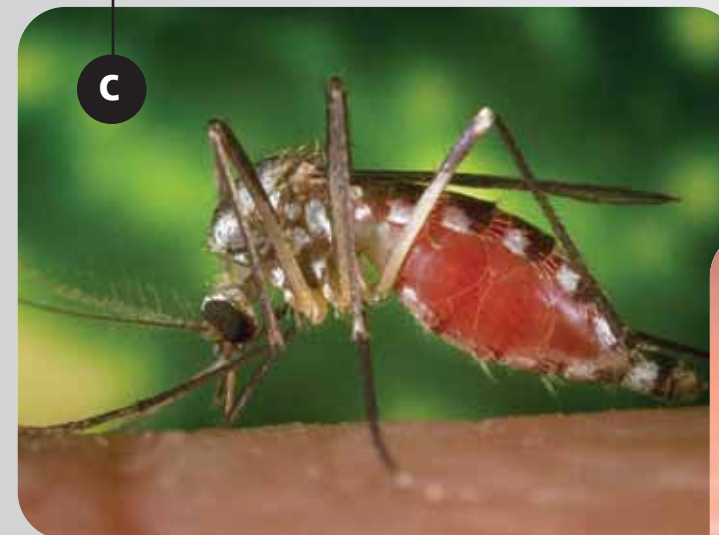
Hint: WNV vector

Just how well do you know your mosquito species? Try your luck at our test and see!!



b

Hint: major pest, La Cross Encephalitis vector



c

Hint: new invader, major pest, possible disease vector



d

Hint: invader, major pest, potential vector of several diseases

To find out how well you did, go to the OMCA website - [Ohiomosquitocontrol.org](http://Ohiomosquitocontrol.org).