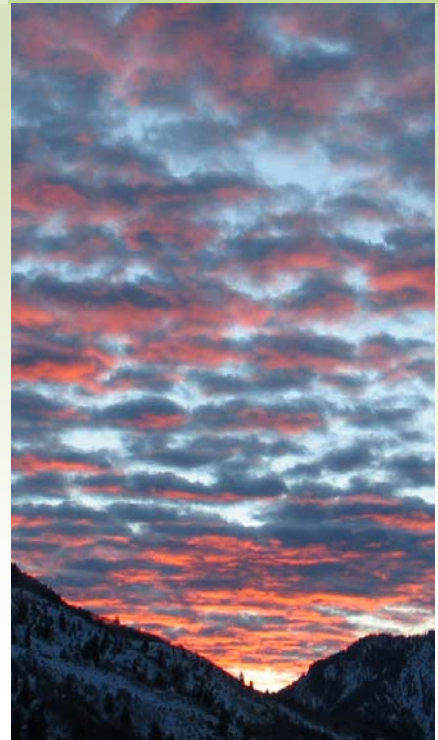


The Wyoming Mosquito



UW/ Ag /Health provide WNV training

In 2007, the Emergency Insect Management Grant (EIMG) committee asked our own Honorary WMMA member and University of Wyoming Entomology Professor, Dr. Jack Lloyd (ret. Emeritus) to develop statewide mosquito monitoring protocols. The purpose of these standardized procedures was to gauge the success of the ongoing grant funding program. To roll out the new monitoring requirements and to demonstrate the skills required, two workshops were held in the spring of 2008. The first took place in Laramie, WY on March 17th and 18th, 2008 at UW's College of Agriculture Building and the second at the Cody Holiday Inn on March 20th and 21st. Contributors to the program included: Dr. Lloyd, Dr. Alex Latchininsky, Travis Gilchrist and Scott Schell (UW); Slade Franklin (Dept of Ag.); Dr. Stacey Anderson (Dept of Health); Keith Wardlaw and John Holick (WY mosquito supervisors) and Janice Stroud (Adapco).

A total of 46 individuals took part in the training programs, which included information on topics from mosquito morphology and West Nile virus ecology to sampling, identification and specimen preservation equipment and techniques. In addition, new data sheets for larviciding and adulticiding were introduced to help districts record and submit information with their final EIMG reports for efficacy validation. Despite previous mosquito experience among the attendees ranging from many years in the field to just starting out, all feedback received from course evaluations was very positive. For more information, please visit the [WMMA website](http://www.wmma.info).

Nuts & bolts

To follow any hyperlinks in this newsletter simultaneously press down the Control key and (left) click the desired link. (If you are viewing the .pdf version, you must cut and paste, sorry.)

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Dr. Jack Lloyd, armed and ready to... instruct?



Brad Asay & John Holick visit with US Senator John Barrasso at his Washington office. (photo by Senate staffers)

Wyoming represented at Washington Day

WMMA President, Brad Asay and Board Member at Large, John Holick attended the American Mosquito Control Association's Washington Day '08. This is an annual event organized to coordinate lobbying efforts on topics critical to mosquito control. Industry professionals from around the nation gather to speak with their elected officials to advance mosquito control causes. Several topics were brought for discussion with our congressional representation. These national issues, that affect almost every mosquito control district, included the Centers for Disease Control & Prevention (CDC) continued support of state health departments' West Nile virus (WNV) efforts. Both Senators Enzi and Barrasso were very receptive to our concerns and Representative Cubin signed a bipartisan letter for continued funding levels for WNV.

To help defray travel costs Brad applied for and received a partial sponsorship from the Wellmark Corporation for the trip. This is a one-time \$1000 stipend that any AMCA member can apply for to support travel to Washington Day. Wellmark has been providing these stipends for several years and we hope they will continue their support for Washington Day '09.

If there are any issues that you would like brought up with our Wyoming Congressional representatives, please contact [John Holick](#).

WMMA Website Rollout

After much anticipation and well, not much fanfare, the WMMA website has been launched. There were no champagne christenings or noteworthy dignitaries to speak of, just a bleary-eyed but victorious John Holick emerging from his office/cave. FrontPage foibles: 0 WMMA webmaster: 1

You may now find the website at:

www.wmma.info

The purpose of this organization is to promote education and exchange among the membership as well as the public. Your input is essential to that goal. If you have comments or suggestions for content, you may direct them to Marta lwaseczko at: marta@tetonmosquito.org.

WMMA annual meeting around the corner



(photo courtesy of WSPHS)

Is it time again to start planning this year's attack strategy on the Culicidae in your neighborhood? Why not make attending the WMMA meeting one of the first steps in your annual process? Catch up with friends and colleagues, compare strategies and earn continuing education credits towards pesticide licensing recertification all at the same time. This year's meeting will be held at the [Thermopolis Days Inn](#) located in the beautiful [Hot Springs State Park](#). The meeting starts with registration at 8 am on Tuesday, February 10 and continues until the early afternoon on Wednesday. Speakers are arriving from CA, MT, ID and WY to educate (and potentially entertain).

Special room rates (\$70 single occupancy, \$90 double) have been reserved under the WMMA name but these rates *will only be held until January 26, 2009*. If you have not yet received your registration information, or have any questions regarding registration, contact [John Leman](#) at 307.577.9724. Hope to see you in Thermopolis!



Scott Schell, UW Assistant Extension Entomologist introduces attendees to adult mosquito morphology and "the usual suspects" at the WNV training in Cody, WY.

AIMS Unit Update

We all know that we need to calibrate the flow rate and analyze the droplet size patterns of our ultra low volume (ULV) spray units after pulling them from winter storage. What some of us may not always remember is to repeat that process mid season, especially if we change products or perform repairs or modifications on a machine. WMMA, with funding assistance from the WDA-administered EIMG program, obtained an AIMS DC-III unit for use by the membership. The first person to email me the definition of the acronym, 'AIMS,' gets a free gift at the 2009 WMMA annual meeting. The machine is being stored at the Van Diest warehouse in Cheyenne and available for use by contacting WMMA Secretary/Treasurer, [John Leman](#) at 307.577.9724.

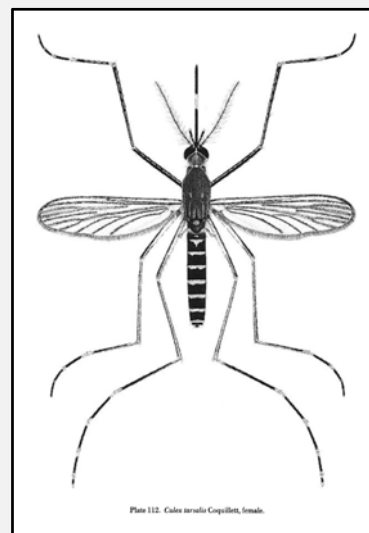
Did you know?

June 21-27, 2009 is National Mosquito Awareness Week

According to the American Mosquito Control Association (AMCA), the purpose of the designated week is to educate the public and enhance the image of the mosquito control profession. We all benefit from educational efforts that increase awareness of current mosquito control practices. Long gone are the days of bicycle parades trailing behind thermal foggers and much of what we currently do (surveillance and larviciding) is not very noticeable at all. Take this opportunity to spread the word about the invaluable services we perform. For suggestions and information, including a sample press release, see: <http://www.mosquito.org/news/news-detail.aspx?id=252>.

Species Spotlight

Culex tarsalis



Carpenter & LaCasse, 1955.

BIONOMICS

Habitat preference: clear to foul water, permanent to semi-permanent sites, ditches, irrigation, marshes, rain barrels, corrals. Has been found at elevations up to 9000 ft in Utah.

Overwinters: as inseminated female in basements, caves, etc.

Host preference: wild and domestic birds; humans, cows and horses are incidental hosts.

Medical importance: chief vector of WNV, Western Equine, St. Louis and California Encephalitis in the West.



Current North American distribution (Darsie & Ward, 2005)

Wyoming Mosquito Management Association

2008 Officers

President

Brad Asay (Uinta County)

President Elect

Marta Iwaseczko (Teton County)

Secretary/ Treasurer

John Leman (Casper/Natrona County)

Member at Large

John Holick (Teton County)

Industry Representative

Stephanie Whitman (Valent BioSciences)

Announcements: mark your calendars

The 2009 Annual Wyoming Mosquito Management Association Meeting will be held at the Thermopolis, WY Days Inn on February 10-11, 2009. (See page 2 for more details.)

The AMCA & CDC co-sponsored 2009 West Nile Virus Conference 'Ten Years Later' will be held in Savannah, GA on February 19-20, 2009. Pre-registration and housing deadline is January 27, 2009. <http://mosquito.org/wnv/index.asp>

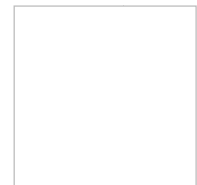
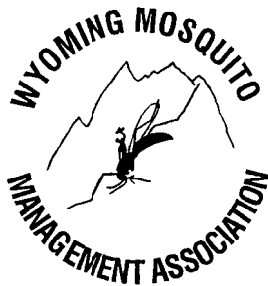
The 35th Annual West Central Mosquito & Vector Control Association Meeting will be held on February 26-27, 2009 in Rapid City, SD. www.westcentralmosquitoandvector.org Register by February 6, 2009.

The 75th Annual American Mosquito Control Association Meeting will be held April 5-9, 2009 in New Orleans, LA. www.mosquito.org Register by March 6, 2009.

WANTED: content

Do you have any information, innovations or announcements to share with fellow association members? We will consider articles of any length, with or without photographs for inclusion in this newsletter. We will also take requests for the next featured creature in the award winning* *Species Spotlight* section. (*We are optimists.)

Any inquiries, suggestions, or feedback? Email the editor at marta@tetonmosquito.org.



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