



The glowworm

Mississippi State
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Second Camp Open to Youth!!

After significant interest from youth, we have decided to open the second camp to both youth and adults. If you are interested in the Camp please fill out the registration form and turn it in as quickly as possible. You can also fax the registration form to the Entomology and Plant Pathology Department (662-325-8837) then send the form and deposit by mail.

First Camp Highlights!

We had a lot of firsts at Camp this year. First, Dr. Tim Menzel, University of Mississippi and graduate of Mississippi State University's Entomology Department, came to camp to record sounds of insects. Dr. Tim lead groups of campers out to collect sounds and the acoustic insects. Later, he would analyze the data and match those recordings to a database of insect sounds. How about that-Insect ID made simpler by sound!



Here Dr. Tim is analyzing data from the previous night's catch.

Another first was a collecting trip on the Tombigbee River courtesy of Dr. Marty Harvill, MS University for Women, and his floating laboratory. It was also the first camp for Dr. Don Cook-welcome Don. Julie Dobbs and Cheri Abraham, graduate students working on Entomology degrees with Dr. David Held, were also first time campers. They helped campers get their bugs identified and pinned properly. Thanks for all your help this year!

Entomology Camp Online....

Dr. Tim Groman has established a website for camps beginning with the 2006 camps. If you want to see what happened at the June 2007 Camp Visit, www.bugCamp.org.

Congratulations are in Order!



Please join us in congratulating Micah Schneider (Lumberton, MS), camper 2001-2007, on his first place finish in the science fair at his school, second place in

Lamar Christian students place in Overall Science Fair

The Mississippi Private School Education Assoc. held its Overall Science Fair at Mississippi State University April 11. There were more than 450 participants comprised of first and second place winners from the district competitions. Competitors came from Mississippi, Louisiana, Arkansas and Tennessee.

Four Lamar Christian students placed in competition. Kaci Kottemann of Lumberton placed first in Medicine & Health Class IV (9th & 10th grade). Kaci's project was on Synesthesia, a rare neurological phenomenon. This was Kaci's second year placing first at state competition.

Austin Kottemann, Lumberton, placed first in Physics Class III (7th & 8th grade). His project was titled "Traffic Jam Ghost" and dealt with how traffic jams can continue to grow "backwards" even after the obstacle blocking traffic has been removed.

Micah Schneider, Lumberton, placed third in Zoology Class IV. Micah's project was titled "Which Mound Will Meet It's Match?" and compared the effectiveness of different ant killers.

Stephanie Whiddon, Sumrall, placed third in Chemistry Class IV with Vroom! Vroom! Biodiesel.



the district, and third place at state science fair for the MS Private School Association. Micah's project, "Which mound will meet it's match?", evaluated insecticides and anecdotal claims for fire ant control.

Insects in the News...

The decline in honeybee populations is still being discussed nationally. A recent article (<http://www.dafvm.msstate.edu/landmarks/07/spring/6-8.pdf>) discussed the decline in bee populations and the impact on Mississippi.

Catnip is not just for cats!!

An interesting article (and possible idea for a science fair project) can be found at <http://www.ars.usda.gov/is/AR/archive/may07/insect0507.htm>. This article

highlights research using a compound in catnip oil to attract lacewings to crops. Lacewings (Order: Neuroptera) are beneficial insects that prey on pests such as mites and aphids. The research shows adult lacewings can be recruited to plants for the benefit of controlling pests. Just think, farmers wishing to produce organic produce could apply this compound instead of an insecticide for control of aphids.

Entomology\4-H Calendar

July

July 8-12 Wildlife and Fisheries Camp #2

July 15-19 Second Entomology Camp

**ATTENTION: YOUNG PEOPLE –TEACHERS – PARENTS
ALL WHO ARE INTERESTED IN ENTOMOLOGY!!!!**

THE MISSISSIPPI STATE ENTOMOLOGY DEPARTMENT PRESENTS
ENTOMOLOGY CAMP JULY 15–19
Location to be announced

This camp is for **adults and youth** (over age 10) **who want to learn about insects** from experts. The camp will be taught by professors from the Entomology Department at Mississippi State, and will be educational and fun!!!!

- Learn how to collect, identify, and preserve insects!
- Learn about unique critters you've never seen, yet they live all around you!
- Make an insect collection with help from the experts!

4-H rules and guidelines apply.

Camp Registration Form

Indicate t-shirt size: Small _____ Medium _____ Large _____ XL _____ Other _____
All shirt sizes are measured in adult sizes, the vendor does not handle children's sizes

Name: _____

Address: _____

City: _____

State: _____ Zip: _____ County: _____

Age: _____ Gender: _____

Telephone _____ email _____

I am interested in: CEUs

Please submit a **separate copy of this form for each camper.**
Certification of health is required - so camp physicals are in order
Mail individual applications along with **\$60.00 deposit** to reserve your place to:

Entomology Camp
MSU Entomology Department
Box 9775
Mississippi State, MS 39762

Charges include room/board, t-shirt and miscellaneous supplies. Pins and insect boxes can be made available for an additional cost. Deposit is not refundable after July 10, 2007 for camp #2, deposit is applied to camp costs.

Out of state campers are welcome!!!!
Enrollment is limited and will be on a first come basis.