

Missouri Mosquito & Vector Control
Association Newsletter
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Feb. 15, 2002

Next MMVCA Meeting Mar. 21st

Our next meeting will be held at St. Louis City Vector Control on Thursday
3-21-02. The meeting will be from 10am until 2pm at 1212 n. 13th St., St.
Louis MO. Lunch will be provided by Veatch Chemical. Election of officers
for Vice President and Secretary will be held. The major topic to be
discussed will be the St. Louis Metro Action Plan.

Clarke Mosquito Control Seminar

14th (16th)
Mr. Dana Dunklau and Mr. John Ryan of the Clarke Mosquito Control Company
will be hosting a free Mosquito Control/West Nile Virus Seminar on
March the
16th in St. Louis MO. They will be having other seminars at other
locations
please contact Mr. Dunklau (if in MO) or Mr. Ryan (If your in IL) at
1-800-323-5727 x#1 for information. This is a breakfast meeting and
reservations are required but it is free! There's nothing like free
training!

Free CDC Training!

To those of you who just joined the CDC is offering Public Health Officials
in our area free training in May for Mosquito Control. Contact Mark Ritter
(314-622-4252), or Larry Schnaugnessy (636-477-6600 x417) for any
information. The training is in Ft. Collins CO and while it is free lodging
and meals are on the attendees. I encourage everyone who can to attend this
training as it is vital that you know what you are doing before this disease
reaches your area. The announcement and the application are included on the

next page of this edition of the newsletter.

Situation Wanted

Licensed (cat. 8), experienced mosquito control professional seeks position with organization needing proven performer. Experienced in all facets of mosquito control and equipment maintenance interested parties contact Steve at 314-352-0367.

January 20, 2002

Announcement of Arbovirus Surveillance and Mosquito Identification Training Course, May 2002.

The Division of Vector-Borne Infectious Diseases of the Centers for Disease Control and Prevention (CDC), Ft. Collins, CO., will sponsor an Arbovirus Surveillance and Mosquito Identification training course in collaboration with the Department of Bioagricultural Sciences and Pest Management at Colorado State University (CSU), Ft. Collins, CO., from May 20 - 24, 2002.

I. Purpose of this communication.

The purpose of this communication is to inform Principal Investigators of West Nile virus surveillance programs and other interested parties of the availability of this training session and to request that interested students submit an application (see attached file) to Dr. H.M. Savage at HMS1@cdc.gov

II. Introduction, Eligibility and Course Content

The course will cover basic entomological and avian surveillance techniques and mosquito identification. Topics will include mosquito biology, arbovirus transmission cycles, importance of maintaining the cold chain, trap site selection for adult mosquito traps, use of the CDC-light

trap, the gravid trap, hand-held and backpack aspirators, resting boxes, and oviposition cups, specimen collection and transport to the laboratory, use of chill tables and TEA, adult mosquito identification to species, pooling of adult mosquitoes, record keeping, larval habitat description, larval dipping techniques, field and laboratory identification of larvae to genera, design of sentinel chicken programs, mist netting of wild birds, serum sample collection from chickens and wild birds, and avian morbidity/mortality surveillance. Employees of state, county and other government agencies such as mosquito control districts are eligible to attend this course. Preference will be given to students from western states that were not eligible for training courses sponsored during 2001. Western states are defined herein to include: Arizona, Arkansas, California, Colorado, Idaho, Iowa, Kansas, Montana, Minnesota, Missouri, Nebraska, Nevada, New Mexico, North Dakota, Oklahoma, Oregon, South Dakota, Texas, Utah, Washington, and Wyoming. Interested students from eastern states should submit an application, and they will be considered for admission if space is available.

III. Funding

All travel cost including meals and lodging to send employees to the training course site will be paid by the state, county or local agency. It would be appropriate to use travel or training funds awarded to the jurisdiction as part of the West Nile virus surveillance program for this purpose. A course fee will not be charged, and incidental field supplies and lecture handouts such as taxonomic keys and protocols will be supplied.

IV. Course location, course dates, attire and principal instructors.

The lecture and laboratory portions of the course will be offered on the campus of Colorado State University, Ft. Collins, CO. The course will be one week in duration, and run from 8:00 am on Monday May 20th until the early afternoon on Friday, May 24th, 2002. The course will be intense, and students are expected to participate in all activities during the extended class day. Students should travel to the course site on Sunday and check into one of the hotels suggested by the contact person. Students will be dismissed early Friday afternoon and may return home on Friday. All students must attend the full course.

A significant portion of the course will be conducted in the field. Students should wear comfortable field/work cloths including light hiking/work boots for most activities. Students should bring a backpack or other suitable bag for carrying personal field equipment, rain gear, water bottle etc., and rubber boots (irrigation boots) for aquatic collecting. The principal instructors will be Dr. Harry M. Savage, Mr. Marvin Godsey, Dr. Nick Komar, other CDC staff, and Dr. B Kondratieff of CSU.

V. Who should attend, and the application and selection process. Full-time employees that do or intend to do arbovirus surveillance including entomological and avian fieldwork and mosquito identification and pooling as a major portion of their position would benefit from this training. Interested students should complete an application form after verifying that funding is available to support their travel. The completed application should be sent via E-mail to Dr. H.M. Savage at HMS1@cdc.gov. Selection of students will be based in part on the date the application was received, but consideration will be given to assure that all eligible states and agencies have an opportunity to send staff.

Registration Form
Arbovirus Surveillance and Mosquito Identification
training course offered from May 20-24, 2002, Ft. Collins, CO.

Date:
Name of Student:
Position of Student:
Address:

Telephone number:
Fax:
E-mail address:
Brief statement of position duties:

Brief summary of previous training in medical entomology and mosquito
biology:

Name and telephone number of contact person at agency/institution that
will support the student's travel and name and address of the agency/institution
if different than student's address:

Also send this form to Dr. H.M. Savage at HMS1@cdc.gov

Harry M. Savage Ph.D.
Research Entomologist
Division of Vector-Borne Infectious Diseases
Centers for Disease Control and Prevention
P.O. Box 2087
Ft. Collins, CO 80521
phone: 970-221-6430
fax: 970-221-6476

E-mail: HMS1@CDC.GOV

Comments from the Missouri Department of Natural Resources
By Kirk Mitchell MODNR

As an environmental specialist for the Enforcement Section's Waste Tire Unit of the Missouri Department of Natural Resources' Solid Waste Management Program, my work is geared toward enforcing the waste tire portion of the Missouri Solid Waste Management Law.

I'd like to take a moment and reiterate some of the department's definitions, which I gave during my off-the-cuff speech at our January meeting. The Solid Waste Management Rules define a waste tire collection center as a site where waste tires are collected prior to being offered for recycling or processing and where fewer than five hundred are kept on site on any given day. Our definition of a waste tire site is a site where five hundred or more passenger tire equivalents in any form such as whole, baled, cut, chipped, or shredded waste tires are accumulated. A waste tire processing facility is defined as a site where waste tires are reduced in volume by baling, shredding, cutting, chipping, or otherwise altered to facilitate recycling, resource recovery, or disposal. Waste tire sites and processing facilities are required to obtain a permit.

From a vector control standpoint, the department's position on waste tire storage is clear-cut; conditions favorable to harboring, feeding and breeding of vectors, in this case mosquitoes, is prohibited as cited in 10 CSR 80-8. Two department approved vector control methods include water removal and regular applications of mosquito larvacide/adulticide. Another helpful option is removal of illegally disposed waste tires from th

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environment, effectively reducing mosquito habitat in rural and urban areas.

Compliance with this requirement is affected primarily by inspectors from six regional offices from around the state who inspect storage facilities

and enforce the department's minimum standards. However, in the event

compliance is not reached at the regional level, cases may be referred to

the central office for enforcement action and in extreme instances, case

referral to the Attorney General. Often times, responsible parties are

compelled to implement proven vector control methods or to cleanup tire dumps.

When appropriate, another tire removal option is available. The Non-Profit

Group Waste Tire Cleanup Reimbursement. The department is authorized to

reimburse fraternal, charitable or other non-governmental non-profit

organizations for disposal costs of waste tires collected during voluntary

cleanups of land and water resources. These monies only apply to waste

tires; other wastes collected as part of these projects are not eligible for

reimbursement. For more information, please visit

www.dnr.state.mo.us/deq/swmp/tirecost.htm on the Internet or contact the

Waste Tire Unit at (573) 526-7635.