

**Freshwater Mollusk Conservation Society
2010 Workshop – Regional Fauna Identification and Sampling
Powder Valley Conservation Nature Center
Kirkwood, Missouri**

‘Show-Me’ your umbones!

Agenda

Monday, October 18, 2010

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| 1:00 pm – 8:00 pm | Workshop set up
Powder Valley Conservation Nature Center Classrooms |
| 5:00 pm – 7:00 pm | Registration
Holiday Inn Viking Conference Center, Concourse Area |
| 6:00 pm – 8:00 pm | FMCS Fall Board Meeting
Holiday Inn Viking Conference Center, Concourse Area |

Tuesday, October 19, 2010

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| 8:00 am – 5:00 pm | Registration
Powder Valley Conservation Nature Center Lobby |
| 8:00 am – 8:15 am | <i>Welcome/Call to Order</i> (Powder Valley CNC Auditorium)
Greg Cope, FMCS President, North Carolina State University |
| 8:15 am – 8:30 am | <i>Introduction to the Workshop</i>
Stephen McMurray, Missouri Department of Conservation |
| 8:30: am – 9:00 am | <i>Overview of Freshwater Mussel Identification</i>
G. Thomas Watters, Ohio State University Museum of Biological
Diversity |
| 9:00 am – 9:45 am | <i>Northern & Southern Atlantic Slope Fauna</i>
Arthur E. Bogan, NC State Museum of Natural Sciences |
| 9:45 am – 10:00 am | <i>Break</i> |
| 10:00 am – 12:00 pm | <i>Shell Time</i> (Powder Valley CNC Classrooms) |
| 12:00 pm – 1:15 pm | <i>Lunch (Provided)</i> |

1:15 pm – 2:00 pm	<i>Southeast U.S./Mobile Basin Fauna</i> Paul D. Johnson, Alabama Aquatic Biodiversity Center Jeff Garner, Alabama Wildlife and Freshwater Fisheries
2:00 pm – 3:30 pm	<i>Shell Time</i> (Powder Valley CNC Classrooms)
3:00 pm – 3:15 pm	<i>Break</i>
3:30 pm – 4:15 pm	<i>Apalachicola-Chattahoochee-Flint & St. Marys Fauna</i> Michael Gangloff, Appalachian State University
4:15 pm – 5:30 pm	<i>Shell Time</i> (Powder Valley CNC Classrooms)
5:30 pm-7:00 pm	<i>Dinner (On Your Own)</i>
7:00 pm – 10:00 pm	<i>Mixer/Social</i> Holiday Inn Viking Conference Center, Concourse Area

Wednesday, October 20, 2010

8:00 am – 5:00 pm	Registration Powder Valley Conservation Nature Center Lobby
8:00 am – 8:30 am	<i>Overview of Sampling</i> Heidi Dunn, Ecological Specialists, Inc. Dave Strayer, Cary Institute of Ecosystem Studies
8:30 am – 9:15 am	<i>Interior Highlands/Mississippi Embayment Fauna</i> John L. Harris, Arkansas Highway & Transportation Department and Arkansas State University Museum of Zoology
9:15 am – 10:00 am	<i>Cumberlandian Fauna</i> Steve Ahlstedt, U.S. Geological Survey Gerry Dinkins, Dinkins Biological Consulting
10:00 am – 10:15 am	<i>Break</i>
10:15 am – 12:00	<i>Shell Time</i> (Powder Valley CNC Classrooms)
12:00 pm – 1:00 pm	<i>Lunch (Provided)</i>
1:00 pm – 1:45 pm	<i>Interior Basin Fauna</i> Kevin Cummings, Illinois Natural History Survey Jeremy Tiemann, Illinois Natural History Survey

- 1:45 pm – 2:30 pm *Western U.S. Fauna*
Jayne Brim Box, Confederated Tribes of the Umatilla Indian
Reservation
- 2:30 pm – 3:30 pm *Shell Time* (Powder Valley CNC Classrooms)
- 3:00 pm – 3:15 pm *Break*
- 3:30 pm – 4:15 pm *Texas/Western Gulf Fauna*
Robert G. Howells, Biostudies
- 4:15 pm – 5:30 pm *Shell Time* (Powder Valley CNC Classrooms)

Thursday, October 21, 2010

- 8:00 am – 4:30 pm *Field Trips (Lunch Provided)*
Will Depart from Holiday Inn Viking Conference Center

1. Meramec River at Pacific Palisades Conservation Area
2. Mississippi River
3. USGS Columbia Environmental Research Center

A Missouri Wildlife Collector's Permit may be needed if you plan on retaining specimens collected on the field trip; please contact Steve McMurray (Stephen.McMurray@mdc.mo.gov)

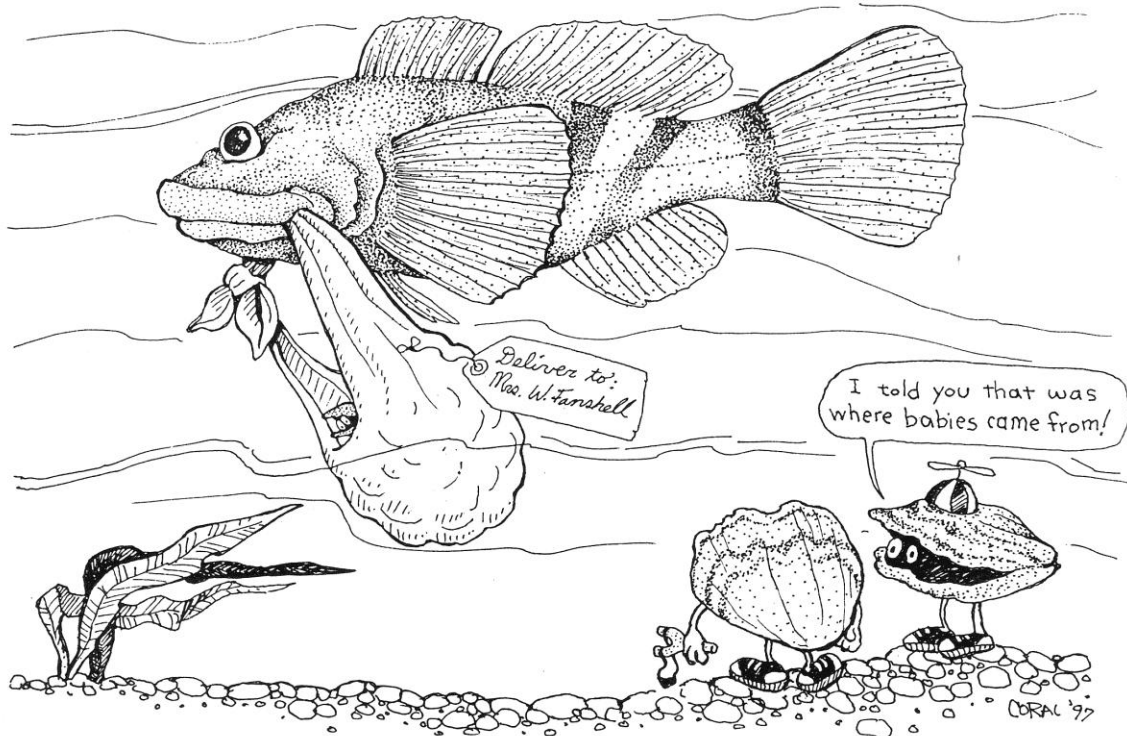
- 6:30 pm – 8:30 pm *Public Outreach Event – Powder Valley Conservation Nature Center*

“Wonders Down Under: the Amazing World of Freshwater Mussels”

There will be a presentation by Dr. Chris Barnhart, Missouri State University. Afterwards there will be a “shell and tell” with opportunity to handle specimens and ask questions near the FMCS outreach display for those attending.

Wonders Down Under: the Amazing World of Freshwater Mussels

A presentation by Dr. Chris Barnhart, Missouri State University



You will be amazed—guaranteed! Dr. Chris Barnhart has been studying freshwater mussels in Missouri for 20 years. Recent discoveries have shed new light on the mysterious biology of these secretive animals. Come see rare and never-before-seen video footage and photos of the extraordinary behavior of female mussels as they fish for hosts to ensure the survival of their symbiotic offspring, using lures, nets, and even catching fish like a Venus flytrap! Find out what mussels are, where they live, and what the mussels themselves can tell us about our streams. Stay awhile afterwards for “Shell and Tell” and handle mussel shells of various species from the Meramec River and other areas of Missouri.