**August 8th – 11th, 2022**

**Survey Guidelines and Techniques Workshop**

**Henry Horton State Park, Tennessee**

***Join us on the banks of the historic Duck River***

This isn’t déjà vu, COVID may have delayed the 2020 Workshop but it didn’t cancel it!

Where to sample? How to sample? How do you apply the data? What does it all mean???

These are questions everyone that samples mollusks have had to answer. The Guidelines and Techniques Workshop, along the banks of the famous Duck River, is designed to provide you with the answers, whether you are a beginning biologist or an experienced malacologist, we all need to collect mollusks and interpret and apply the data at all levels. The Workshop will be organized into two levels of content; introductory/intermediate and experienced, but there will be overlap depending on participant’s interest.

The introductory and intermediate will cover equipment and design for sampling mussels including sample size and the amount of effort to ‘adequately’ sample a site or a species. Field instruction will include techniques such as qualitative, semi-quantitative and quantitative sampling, habitat measurements, protocol implementation, data collection and analysis, as well as QA/QC.

The experienced will cover information on data applications including density and abundance, mark-recapture, population estimates, as well as estimates of survival and mortality, and mussel mortality evaluations. Field techniques will include nontraditional sampling, marking and tagging mussels, collection and processing for genetic analysis and eDNA, and mortality events and valuation.

**Schedule overview**:

Monday, August 8 – Arrival, Registration, Evening Mixer

Tuesday, August 9 - Breakfast, Introduction with Dave Smith, Lunch, Lecture and Field Sessions, Poster Session & Mixer

Wednesday, August 10 - Breakfast, Lecture and Field Sessions, Lunch, Lecture and Field Sessions, Dinner, State and Federal Survey Protocols Town Hall

Thursday, August 11 - Field Trip, Departure

**Poster Session**: The poster session will take place on the evening of Tuesday, August 9th. Poster presentations will not be limited in topic and can include a wide variety of information and research pertinent to freshwater mollusks. See the Call for Abstracts for details and instructions for submitting abstracts on the FMCS Events web site at (<http://molluskconservation.org/Events.htm>). Abstracts are due no later than May 31st

**Registration:** As with all things in our post-COVID world, the prices have increased. Early registration will begin on March 1st and will close on June 15th.

Registration costs are:

|  |  |  |
| --- | --- | --- |
| Type | Early Registration  (March 1st – June 1st ) | Late Registration  (June 1st – August 10th ) |
| FMCS member | $300 | $325 |
| Non-Member | $380 | $405 |
| Student FMCS member | $200 | $225 |
| Student non-member | $240 | $265 |

Register online at the FMCS Events web site ([http//molluskconservation.org/Events.html](https://enviroscienceinc-my.sharepoint.com/personal/rschwegman_enviroscienceinc_com/Documents/FMCS/FMCS_2022_Workshop/http/molluskconservation.org/Events.html)).

An email reminder will be sent out when registration opens and before early registration ends.

**Student Sponsorship:** We want student participation and will be soliciting for sponsorships. Students, please check back to the event web site by April 15th for more information and how to apply.

**Location:** Henry Horton State Park, constructed in the 1960s on the estate of Henry Horton, former governor of Tennessee, is located along the shores of the historic Duck River, one of the most diverse ecosystems in the world. It is located in Chapel Hill, Tennessee, south of Nashville.

Henry Horton State Park : <https://tnstateparks.com/parks/henry-horton>. The Park has self-contained accommodations, meals will be catered by the Park’s Governor's Table Restaurant, and the Tipped Canoe Lounge is on site.

**Lodging** will be at Henry Horton State Park. All of the available rooms have been reserved at the Lodge in the Park, and there are also eight cabins available. Please make every effort to book rooms with co-workers and friends as space is limited. When booking ask for the Freshwater Mollusk Conservation Society rate and **provide our group number: 4549**. Reservations must be made by July 10th.

Rates:

Two Double Beds Room (In the Lodge): $86.40/ night plus taxes

King Room: $90.90/ night plus taxes

Suite Room (pullout sofa and small kitchen): $99.90/ night plus taxes

Cabins (fully equipped 2-3 bedrooms): Call for details on each cabin

Campsites for both RV’s and tents are available, if you are so inclined, rates vary between

$11-$35/night not including taxes and fees. Campsite reservations can be made by visiting: <https://reserve.tnstateparks.com/henry-horton/campsites> .

**What to bring**: This is a hands-on Workshop, so come prepared to get in the water and get dirty. Bring a wetsuit if you have one, otherwise clothes and shoes if you don’t mind getting wet. Mask and snorkel are beneficial and any other field gear you typically use in the water, don’t forget the sun screen and camera. Dry clothes are required at all other times.

**Transportation:**

Ground Transportation by car: Henry Horton Park is located in Chapel Hill, Tennessee.

By Air: Nashville International Airport is the closest airport, but other airports are available.

Driving distance from Nashville is approx. 50 miles (1 hour)

Driving distance from Chattanooga approx. 115 miles (2 hours)

Driving distance from Memphis approx. 220 miles (3.5 hours)

**Field Trip:** On Thursday August 11th, Workshop attendees will have the option of attending a Duck River mussel sampling field trip with Tennessee Wildlife Resource Agency. Due to our proximity to such tremendous freshwater mussel resources the fieldtrip will focus on freshwater mussels of the Duck River and a TWRA ongoing monitoring program. The cost is $50 and will include roundtrip transportation and a box lunch.

**Sponsorship:** The FMCS is a not-for profit society, dedicated to the advocacy and conservation science of freshwater mollusk resources. Our Workshop provide great opportunities to network and build relationships with conservation professional from state and federal governments, industry, universities, and conservation organization. The Society has a membership of over 500, of which about 150 generally attend the biennial Workshops, Instructors for the workshops are members of the Society and other leaders in Conservation. These professionals are constantly working to conserve freshwater mollusks and we need your help. We are requesting monetary sponsorships to help cover the costs of the Workshop facilities and student attendance.

|  |  |  |
| --- | --- | --- |
| All Sponsor Contributions Include Recognition in the Workshop Program | | |
| *River* | *>$2000* | One Complimentary Registration, Logo on Website Registration Page |
| *Stream* | *>$1000* | One Registration Reduced by 25%, Logo Displayed at the Welcome Social, Logo on Website Registration Page |
| *Eddy* | *>$500* | Logo on Website Registration Page |
| *Mussel* | *>$100* | Recognition in the Workshop Program |

**Further Information:** For further information about the Workshop content and specific curriculum please contact the Guidelines and Techniques Chairs:

Lisie Kitchel [lisie.kitchel@wisconsin.gov](mailto:lisie.kitchel@wisconsin.gov).

For more information of the venue, lodging, transportation, or sponsorship please contact:

Ryan Schwegman, [rschwegman@enviroscienceinc.com](mailto:rschwegman@enviroscienceinc.com)

***We look forward to seeing you in Tennessee!!***