

## Upcoming Events

### February Chapter Meeting

Tuesday, February 28<sup>th</sup>

Michael Hackney, Rod Building Seminar

### World Fly Fishing Expo

Friday, March 10<sup>th</sup> to Sunday, March 12<sup>th</sup> at Shriners Auditorium, Wilmington, MA

### Annual Dinner Banquet

Saturday, March 25<sup>th</sup>

Dinner, Raffles, and special guest Juro Mukai

### April Chapter Meeting

Tuesday, April 25<sup>th</sup>

Peter Schilling, Fishing for Salmon

**Indian Hollow Fishing/Camping Trip & MA/RI Council Meeting**, Friday, May 19<sup>th</sup>, through Monday, May 22<sup>nd</sup>

### May Chapter Meeting

Tuesday, May 23<sup>rd</sup>

## Chapter Officers:

<b>Russell Schott</b> russell.schott@hp.com	Secretary	978-433-9422
<b>Tom Towey</b> thomas.towey@ssa.gov	Treasurer	978-453-1729
<b>Charles Shadan</b> chazman975@charter.net	Membership	978-448-6740
<b>Walter Crissey</b> crisscod@aol.com	Director	978-251-9944
<b>Joe D'Alessio</b> rjcruiser@aol.com	Director	978-345-9095
<b>Win Duke</b>	Director	978-433-6802
<b>Jerry Lubenau</b>	Director	978-263-0681
<b>John Metzger</b> jmm_geo@hotmail.com	Director	978-448-2577
<b>Mike O'Connor</b> mikeoc@charter.net	Director	978-433-5995
<b>Michael Rosser</b> mlr6418@aol.com	Director	978-433-6418
<b>Paul White</b> pmwhites@comcast.net	Director	978-263-4191
<b>Michael Hackney</b> mhackney@mac.com	Webmaster	978-448-0314
<b>John Donnenwirth</b> jdmuddler@aol.com	Newsletter Editor	978-448-2483
<b>Chapter Website:</b>		<b>www.squanatissit.org</b>

## Fly of the Month

### Black Gnat

Hook: Dry Size 12-20

Thread: Black

Tail: Black hackle barbs

Body: Black fur

Wing: Dark grey duck wing quill sections

Hackle: Black

*Comment: In the spring this is one of the best all-purpose flies for native brook trout in the lakes and streams of New England.*



## Trout Unlimited - Core Value #3

### Stewardship & Advocacy

*As stewards for future generations, we employ sound science and work cooperatively with a broad spectrum of interests in defending and advocating for our natural resource legacy.*

## Monthly Meeting

The Squan-a-Tissit Chapter of Trout Unlimited holds monthly meetings for chapter members and guests on the fourth Tuesday of the month (Sept. through May) at the Veterans of Foreign Wars (VFW) Hall, Route 113 & Leighton Street, Pepperell, MA. **Meetings will begin at 7:00 p.m.**, however members and guests are encouraged to arrive earlier and participate in informal fly-tying. Bring your own vice and materials.

### Directions:

**From Rt. 3:** Take the Rt. 113 Exit (Tyngsboro, Dunstable) and proceed west on Rt. 113, 6.5 miles, through Dunstable and into Pepperell. The VFW Hall will be located on the left side of Rt. 113, opposite a small center island with a stone monument and three flagpoles.

**From Rt. 495:** Take the Rt. 119 Exit (Littleton Common) and proceed west on Rt. 119, 9 miles, through Groton and into Pepperell. Turn right onto Rt. 111, and proceed 2.7 miles to a rotary. Turn right onto Rt. 113, and proceed 1.5 miles. The VFW hall will be located on the right side of Rt. 113, opposite a small center island with a stone monument and three flagpoles.

**From Rt. 2:** Take the Rt. 111 Exit (Ayer, Harvard, Clinton) and proceed north on Rt. 111, approximately 12 miles (total, to the Pepperell rotary), through Ayer and Groton to Pepperell. Route 111 merges with Rt. 119 in Groton. Once in Pepperell, Rt. 111 bears to the right (off of Rt. 119). Turn right onto Rt. 111 and proceed 2.7 miles to a rotary. Turn right onto Rt. 113, and proceed 1.5 miles. The VFW hall will be located on the right side of Rt. 113, opposite a small center island with a stone monument and three flagpoles.

Please Mail To:

Squan-a-Tissit Chapter of Trout Unlimited  
P.O. Box 654  
Pepperell, MA 01463



# Squan -a- Tissit



# NEWS

VOLUME 6, ISSUE 2

FEBRUARY 16, 2006

*The newsletter for the Trout Unlimited chapter that champions sport and conservation on two northeastern Massachusetts trout rivers: The Squannacook & The Nissitissit.*

## February Meeting

Tuesday the 28<sup>th</sup> at 7:00 p.m.

with

## Michael Hackney

## Rod Building Seminar

## Chapter News

### • Annual Dinner Banquet & Raffle

Preparations are in full swing for our annual dinner banquet and raffle. New sponsors are needed for banquet raffle items. We are asking all members to look for potential sponsors among business associates, merchants, vendors, friends, or any other source. Please help us keep our raffle at the level to which we are accustomed. Remember this is our primary source of fundraising for conservation efforts.

### • Fly Tying

Charlie Shadan will be demonstrating the art of fly tying at all member's meetings. He will be arriving early at 6 pm and encourages others, novice and veteran, to join him. This is a great opportunity to swap hot local patterns and exchange tying techniques.

### • No March Meeting

Please keep in mind there will not be a members meeting in March due to the annual dinner banquet occurring so close to the fourth Tuesday of the month.

### • Cabin Fever Night

The Millers River Chapter, is holding their "Cabin Fever Night" fundraiser on February 25<sup>th</sup> at King Phillip Restaurant in Phillipston, MA. Dinner is served at 7 pm and Thomas Ames is the guest speaker. More information is available at [www.millersrivertu.org](http://www.millersrivertu.org).

### • Fly Raffle Winner

The winner of the fly assortment raffle drawn at the Fly Fishing Expo in Marlboro last month was Raffaele Salerno of Malden, MA. Congratulations Raffaele and thanks for supporting Squan-a-Tissit!

### • World Fly Fishing Expo

The World Fly Fishing Exposition will be held March 10<sup>th</sup> to 12<sup>th</sup> at Shriners

Auditorium in Wilmington, MA. Our chapter will be manning the TU booth on Saturday, the 11<sup>th</sup> from 1 pm to 6 pm. Please come out to the show and support our chapter. More information on the expo is available at [www.sportshows.com](http://www.sportshows.com).

## February Meeting

Join us for a chapter "first." Michael Hackney, one of Squan-a-Tissit's own, will conduct an in-depth rod building demonstration, covering all aspects of building your own rod: components, tools and technique. You'll learn about blank and component selection, handle assembly, guide wrapping and more. And you'll leave with a handout, prepared by Michael, capturing this overview for future reference. Would-be rod builders, this is your chance!

## ACID RAIN MONITORING

What is Acid Rain? When fossil fuels, primarily coal and oil, are burned they produce emissions of sulfur dioxide and nitrogen oxides that are chemically transformed to acids in the atmosphere and later re-deposited on earth.

The Acid Rain Monitoring Project began at the University of Massachusetts Water Resources Research Center in 1983. The project's mission was initially to develop a comprehensive picture of the sensitivity of Massachusetts surface waters to acid deposition, and later evolved to determine long-term trends in this sensitivity.

In Phase I (1983-1984), citizen volunteers sampled 1000 streams and lakes monthly in the state and analyzed them for pH and alkalinity. Phase II (1985) studied 2,500 lakes and streams twice a year (April and October) and expanded analysis to major cations and anions. Phase III covered 1986-1993, when a sub sample of 860 lakes and streams were sampled 4 times a year (January, April, July and October). After an eight-year hiatus, the project resumed in April 2001 (Phase IV), when samples were collected three times a year (April, July and

October) at about 150 lakes and ponds (and a few streams) and run for the analysis of pH, alkalinity, total phosphorus, and major ions for two years. The project has now switched emphasis to streams and is collecting data in October and April from 26 sites on the long-term list of endangered water bodies and at least 100 streams from a list of randomly chosen sites sampled in Phase III.

Volunteers visit the various sites, collect water samples in bottles and return them to the local lab for analysis. This information is collected from hundreds of volunteers throughout the state. Over time samples are collected from the same locations giving a detailed view of each site. This allows scientists to determine trends and analyze the health of the streams and ponds. Our volunteers have sampled various streams such as Gulf, Green, and Robinson Brooks. We gather data, but also spend time on these streams assessing the overall health for an extended amount of time. I have also used the time to look for Wild Brook Trout. Detailed below is a sample from Gulf Brook.

**The next sampling is on April 9th, let me know if you would like to help.**

Michael Rosser

### Gulf Brook

pH	4/10/2005	6.70
Alkalinity	4/10/2005	12.5
pH	11/20/2005	6.82
Alkalinity	11/20/2005	15.1

### Sensitivity Categories

Acidified  
Critical  
Endangered  
Highly Sensitive  
Sensitive  
Not Sensitive

### Palsite: 8143675

Acid Neutralizing Capacity (mg/l)	$\leq 0$ and $\text{pH} \leq 5.0$
	$0-2$ or $\leq 0$ and $\text{pH} \geq 5.0$
	2-5
	5-10
	10-20
	$>20$

More information is available at:  
<http://www.umass.edu/tei/wrrc/>

## Squan-a-Tissit's Annual Dinner Banquet

Saturday, March 25<sup>th</sup>



featuring

## Juro Mukai

### "Great Fishing Adventures"

Juro Mukai is a certified FFF casting instructor, Monomoy flats guide and founder of the Worldwide Flyfishing Forum (an on-line anglers website). He recently designed the Atlantis two-handed flyrod which brings flyfishing to a new level in the surf for striped bass and other inshore gamefish. He is a contributing author in several magazines and has taught casting courses in New England, Virginia, New York, Ontario CA, Idaho, Oregon, Washington and California.