

## Fly of the Month: Caddis larvae



**Hook:** TMC 2457, size 14

**Body:** cream yarn

**Thorax and tail:** ostrich herl

**Back:** cut from plastic bag

**Rib:** monofilament

*This fly imitates the larvae of the net building hydrosyche caddisfly. Fish this fly in riffles-downstream of dams.*

### Chapter Officers:

**Michael Rosser** President 978-433-6418  
mlr6418@aol.com

**Jim Wilson** Vice President 603-673-2983  
jwilson13@charter.net

**Scott Hraba** Treasurer 978-589-0976  
hmhsah@comcast.net

**Russell Schott** Secretary 978-433-9422  
russell.schott@hp.com

**Dave Armstrong** Director - 978-433-6908  
darmstro@charter.net Newsletter

**Walter Crissey** Director 978-251-9944  
crisscod@aol.com

**Joe D'Alessio** Director 978-345-9095  
rjcruiser@aol.com

**Win Duke** Director 978-433-6802  
wduke@charter.net

**Kirk Reynolds** Director 781-944-1819  
kirk.reynolds@verizon.net

**William Soybel** 978-274-2426  
grandpawms@comcast.net

**Paul White** Director 978-263-4191  
pmwhites@comcast.net

**Paul Apgar** Webmaster 978-667-3742  
papgara@gmail.com

**Chapter Website:** [www.squanatissit.org](http://www.squanatissit.org)

## Upcoming Events

### May Chapter Meeting

Tuesday, May 26<sup>th</sup>, 7:00

### Day on the River

Saturday, June 6<sup>th</sup>, 9:00, Henry Columbo Area

### Trout Unlimited - Our Vision

*By the next generation, Trout Unlimited will ensure that robust populations of native and wild coldwater fish once again thrive within their North American range, so that our children can enjoy healthy fisheries in their home waters.*

### 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.

### Email - Sign up

*All Squan-a-Tissit Chapter members are asked to please sign up*

*for the Email announcement list:*

<http://www.squanatissit.org/newsletters.php>



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

Please Mail To:



# Squan -a- Tissit NEWS

VOLUME 9, ISSUE 5

MAY 12, 2009

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

**May Meeting**  
Tuesday, May 26, 7:00  
with

**Scott Jackson**  
University of Massachusetts  
presenting

**River and Stream  
Continuity**

**Join us !**

## Squan-a-tissit Chapter News

### A Note from the President

Spring is here ! Enjoy the good weather. Spend some time exploring the many brooks and streams locally. May is our last monthly meeting until September. This summer we have several projects planned—stream brook stabilization, stream protection, and the placement of more dataloggers. Day on the River is June 6. Join us on the Nissitissit at the first pool of the Henry Columbo Area on Brookline Street. Enjoy time with fellow members, good food and fishing. Sign up and volunteer for one or all of the projects—your good work is appreciated.

*Michael Rosser*

### A thousand words



### Name that Fish !

#### White sucker



**ID:** rounded snout w/sucking mouth, large scales w/ none on head, no spines in fins

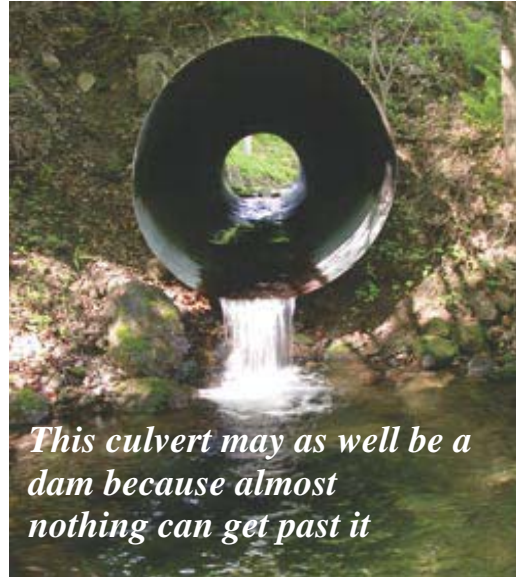
**Size:** 6 to 20 inches

**Habitat:** suckers prefer cold, clear water and slow habitats like stream pools, backwaters, and large rivers

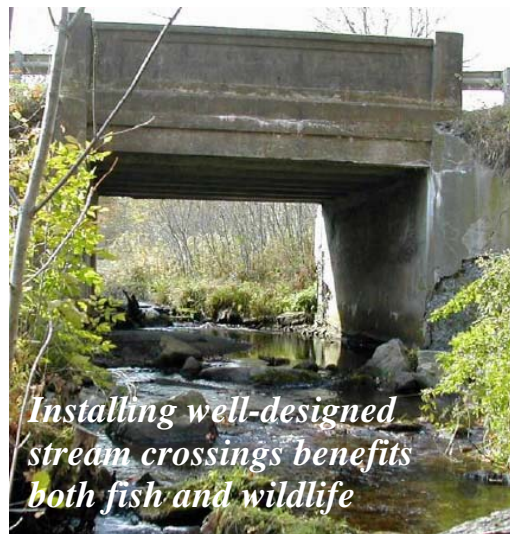
**Behavior:** spawn at night in early spring in riffles and tributaries, suckers are pollution tolerant

## Stream Continuity Training

To help set priorities in restoring stream habitat, in the Squannacook and Nissitissit Watersheds, the Squan-a-Tissit TU chapter is planning a training this summer, by the UMass River and Stream Continuity Project and/or Riverways, to learn methods for conducting a stream continuity inventory. Stay tuned to our website for the date of the training !



*This culvert may as well be a dam because almost nothing can get past it*



*Installing well-designed stream crossings benefits both fish and wildlife*

## Guest Speaker

Scott Jackson

### River and Stream Continuity

Join us to hear wildlife biologist Scott Jackson, director of the River and Stream Continuity Project at the University of Massachusetts-Amherst, discuss the importance of stream continuity.

There is growing concern about the role of road crossings – and especially culverts – in altering habitats and disrupting river and stream continuity. Stream continuity is critical to brook trout and all creatures that depend on streams including invertebrates, fish, amphibians, reptiles, and mammals.



When it comes to aquatic connectivity, some culverts work well. They let water flow under roads and allow fish and other organisms to move freely up- and downstream. Other culverts don't work so well. They block the movement of fish and other organisms to up- and downstream habitat.

#### Operation of ATVs is illegal in Wildlife Management Areas.

To report violations of off-road recreation vehicle, environmental, or wildlife laws please contact the Environmental Police Radio Communications Center  
1-800-632-8075.

## River Notes

### Brook trout and habitat fragmentation

These are perilous times for brook trout. Loss of forest habitat and increased development reduce the availability of quality brook trout habitat. New England's historical legacy left behind a greater density of small dams than any area in the country. These dams, in combination with an increased number of road crossings, fragment stream networks. An increase in human population inevitably results in increased water use, decreased streamflow, and changes in water quality from pesticides, herbicides, nutrients, and road salt. Increased amounts of impervious surfaces and climate change increase stream temperatures. What is a brook trout to do ?

One area where restoration can make a difference is in the reduction of stream fragmentation. The connectivity between tributaries and mainstem rivers is critical for maintaining brook trout populations. Brook trout use small tributaries to spawn and as nurseries during the first years of life. Isolation of tributaries by stream barriers threatens not only the population of brook trout in the isolated tributary, but the population of brook trout in the whole stream system. We cannot stop the spread of development, but we can improve the overall health of our river systems by restoring stream connectivity

The Nissitissit and Squannacook Rivers are blessed with many small streams that still retain remnant brook trout populations. Maintaining these populations in the face of the cumulative effects of increased threats requires an active stewardship on our part.

*Dave Armstrong*