



**Trout Unlimited
Clearwater Chapter
Annual Conservation Banquet**



**Saturday, March 5th, 2011
The Century House
997 New Loudon Rd. (Route 9) , Latham**

**Live
Auction**

4:00 PM Cocktails
5:00 PM HORS D'OEUVRES
Dinner 6:00 PM
Price \$35.00

**Door
Prizes**

**Silent
Auctions**



**Card
Raffles**

**Local
Artwork**

**Bucket
Raffles**



Hornbeck 'BlackJack' Canoe Raffle

Carbon Fiber (14 lbs!) with Rowing Package
Tickets \$5.00 each or Book of Five \$20.00

RSVP: Doug Howard (518) 399-8566

<http://clearwatertu.org/Banquet.html>



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March 5, 2011
The Clearwater chapter's Annual Conservation Banquet at The
Century House in Latham
Doors open at 4 p.m.
Hors d'ourves served at 5 p.m.
Dinner served at 6 p.m.
Live and silent auctions and raffles to follow dinner

This year's banquet is at The Century House in Latham. Meal choices include filet mignon, chicken Marsala, and vegetarian rigatoni oreganato. For \$35 per person this is an excellent value. I hope you will attend to enjoy great a meal in a beautiful facility with excellent friends and a common cause.

This year marks my third banquet as an active member of TU. Each year there is a knot in the pit of my belly worrying that we don't have enough donations and that we won't have very good attendance. I'm hoping to stop worrying in the very near future and you can help!

This is a plea to those who have not registered to attend this year's fundraising banquet. As I write this in mid-February, we have 60 registered guests planning to attend this year's fundraiser. We need at least 100 of our more than 600 members to attend this function.

Even if you have never come to a meeting or have not been active recently I am inviting you to please register and attend this evening of conservation and camaraderie. Everyone is welcome! We all know how important healthy waterways are to the survival of all creatures. Supporting the banquet is a very good way to ensure this TU chapter can continue advocating for these resources.

Thank you to those who have already signed up to attend or made a donation. You know how important this function is to the Clearwater's ability to continue beneficial community projects in the area.

If you cannot attend, please make a donation of goods or services to be auctioned or raffled at the banquet or make a cash donation to show your support. Every dollar helps. Donations are tax deductible.

I know you all care very deeply about the quality of water and quality of fishing here in the Capital District. If you didn't you wouldn't be reading this. I'm hoping you will find time on March 5 to show your support for the Clearwater chapter and your local resources.

Please help me relax and make this year's event one to remember. I hope to see you there!

Jessica Galasso
Banquet Chairman

We have many fantastic auction and raffle items! Some of them include:

Overnight accommodations at The Mirror Lake Inn in Lake Placid

Overnight accommodations at The Hungry Trout Resort in Wilmington

Fiberglass and bamboo fly rods and reels in a variety of sizes

Fly boxes bursting with locally hand-tied flies

Artwork by local artists including prints and original paintings with custom framing

Jewelry, such as a blue topaz bracelet and freshwater pearl necklace

A Miche handbag with two covers

Beautiful books, some signed by the author or artist

Handcrafted items like scarves and hand embroidered clothing

Gift certificates to local restaurants and businesses

Plenty of door prizes

The Century House has also set aside a block of ten rooms at \$99 each for that night, just mention Trout Unlimited if you make a reservation. Please call them at phone#: (888) 674-6873 or (518) 785-0931.

Name: _____

Address: _____

Email Address: _____

Phone: _____

Number Attending ____ X \$35.00 each = \$ _____

Please make checks payable to 'Clearwater Chapter Trout Unlimited'

____ I cannot attend, but would like to make a donation of \$_____ to the Clearwater TU Conservation Fund.

Please send reservation form with payment to: **Doug Howard**, 38 Velina Dr., Burnt Hills, NY 12027. Or call in your reservation to Doug at 399-8566.

Special Canoe Raffle Incentive

The chapter needs volunteers to sell raffle tickets for the 14 lb BlackJack Hornbeck canoe. If you sell five (5) books of canoe raffle tickets you will be entered into a drawing for a JP Ross Beaver Meadow fly-rod.

You must sell 25 canoe raffle tickets to be entered into this special raffle.

Canoe tickets are \$5 per ticket or 5 tickets (a book) for \$20.

A seller can only be entered into this special drawing once. If you sell more than five (5) books that would be greatly appreciated, but only one ticket per seller of five (5) canoe ticket books will be entered into this drawing for a fly-rod.

Want to see a picture and description of the canoe?

Here is a link: <http://www.hornbeckboats.com/boatgallery/blackjack/bj.htm>

You can contact Stan Duncan homesoln@aol.com to get your canoe raffle tickets.

Editor's Note – you can just buy 5 books yourself and you qualify – that's what I am gonna do! Plus sell a few more on the side too. Don't worry though I am guaranteed not to win!

Clearwater Currents

The Official Publication of the Clearwater Chapter
of
Trout Unlimited
169 Old Niskayuna Road Latham, NY 12110

Issue No. 11-02

February, 2011



*America's Leading Coldwater Fisheries Conservation
Organization
Promoting Habitat for Wild Trout and Salmon*

*Trout Unlimited Has Been Fighting for Coldwater Fisheries
Conservation for 52 Years*

Join us before each meeting at 6:30pm for a tying demonstration. Meetings begin at 7:30pm, the third Monday of each month (except Banquet month, July and August), at the Best Western on Western Avenue, Albany, NY (about a mile east of the end of the Northway).

Upcoming Events

- | | |
|-------------------|--|
| February 21, 2011 | Chapter General Meeting – Mike and Kim Walchko presenting “Walchko's Put the Fear in the Trout of Colorado and New Mexico” – Guest Fly Tier at 6:30pm |
| March 5, 2011 | Chapter Banquet – Start thinking about how you can help in our biggest fundraiser! The Century House on Rt. 9 in Latham |
| March 26, 2011 | Chapter Flea Market – for details see below |
| June 3-5, 2011 | Chapter Ausable Trip – for details see below |

Board of Directors/Staff

President	Mike Walchko	234-4192	Trips	Bob Mead	399-9000
V President			Treasurer	Ken Waldie	573-4793
Conservation	Roy Lamberton	872-2217	Newsletter	Mark A Brown	brownie6@nycap.rr.com
Education	Rich Borgardus	377-1022	Ex-Oficio	Doug Howard	399-8566
Secretary	Brad Mohr	482-4645	Youth	Bart Chabot	393-9918
Stream Research	Art Coleman	399-5550	Programs	Heath Clayson	573-6008
Quartermaster	Bill Cosgrove	766-2405	Flea Market	Bob Mead	399-9000
Schoharie	Ed August	295-7663	Membership	John Morrette	393-6443
Trout/Classroom	Stan Duncan	877-6610	Membership	Dick Hermida	399-6272
Video Library	Richard Atkinson	377-8249	Youth	Mike Walchko	234-4192
Battenkill	Greg Cuda	587-1189	Banquet	Jessica Galasso	716-913-5550
Board Member	Glenn Kuhles	869-0817	Banquet	Bill Cosgrove	766-2405
Website	Bill Wemple	384-0014	Publicity	Bill Wemple	384-0014

Clearwater Chapter of TU PO Box 9686 Schenectady, NY 12309
www.ClearwaterTU.org

Fish of the Month 2010 Winner Announced

Mark A Brown

The Chapter's Fish of the Month Contest is already in its fourth year having crowned **Noe Mead**, **Jim Berry** and **Bill Bach** as winners in its first three years. The contest is open to all members (except me!) and their children of the Chapter and is not necessarily based on the biggest fish, but the quality of the fish, story behind it and picture quality all make up a winning entry. Simply send a photograph to me at my email address at brownie6@nycap.rr.com or contact me for my mailing address if you have a Polaroid or 35mm shot. As the entries come I'll publish them in the newsletter and select a winner in December when the winner will get a dozen hand tied flies as a prize. There were no entries for February.

Chapter Fly Swap

Ron Boutin

Another year of fly swapping is over, but it starts all over again at the Chapter meeting in April. Bring in 13 of the current months category and get 13 back of the same category from other tiers in the Chapter. It's a great way to build your fly boxes and try some new flies. New ideas are always welcome as to what you want swapped so call me at 453-9843 or email me at rx4fishing@nycap.rr.com if you have further questions or ideas.

Bob Mead Online

I just can't get enough of Bob Mead. If you're like me here is a new link of more from Bob.

<http://www.myflies.com/Anglers-Corner.aspx>

Dick Talleur

It is with great sadness that I must tell you that **Dick Talleur** died on February 18, 2011, after a brief illness, at the age of 79. Dick suffered an infection as far back as last November that eventually spread to the heart muscle and he died of congestive heart failure. His last days were comfortable, his wife Vera and step-son Yury, and David and I, were here to lend comfort and assistance.

Arrangements at this time are incomplete, but for those of you who may choose to travel to Myrtle Beach, SC, we expect that the services will be on Tuesday February 22, 2011. Cremation will follow the services, and a scattering of the ashes will be held on Thursday, weather permitting, at Sunset Beach, NC. Details will follow as soon as possible. We will also be suggesting a favorite charity in lieu of flowers.

Thanks to all of you for your support and kind wishes during this difficult period. Dick was lucky to have so many good friends and the support of friends and family. He, and all of us, appreciated all of your kindness and attention during this difficult time.

With all of our best Wishes,

David & Denise Talleur

Sylvester Nemes

Ron Urban

I have just learned of the passing of **Sylvester Nemes**. No, he was not a very well-known as a famous Catskill fly tier, but he was, pretty much, responsible for the reintroduction of the soft-hackle to the fly tiers of the USA. While I never met the man, I felt I knew him through his writings and a couple of his books I have, which now become a great legacy to the world of fly fishing and tying. He'll be greatly missed. **Sylvester Nemes** of Bozeman passed away at his home with his wife, Hazel Nemes, at his side at 9 p.m. Thursday, Feb. 3, 2011.

Editor's Note – my first fly tying book was a **Dick Talleur** book, Fly Tiers Primer, and I still have it. It got me off to a great start so my thanks to Dick for helping me out. I have several soft hackle books by **Sylvester Nemes** and he was truly a master of angling with a soft hackle, which I am still trying to be. Both are legends and will be missed.

Chapter Monthly Meeting

Chapter President Mike Walchko and his wife Kim will be doing a slide show of the trip they took this past September to Colorado and New Mexico. We will be discussing and showing slides from our fishing on the Arkansas, Taylor, and Gunnison Rivers in Colorado and the San Juan in New Mexico. The trip included a 2 day float down the Black Canyon of the Gunnison. The newsletter editor has named the presentation, "Walchko's Put the Fear in the Trout of Colorado and New Mexico." Like a lot of the fishing type of presentations at our meetings seats will disappear quick so get there early.

All are welcome. Meetings are held at the [Best Western Sovereign Hotel](#) about a mile east of the end of the Northway (I-87). We start with a guest fly tier at 6:30pm and our presentation begins about an hour later.

Admission to our meetings is free and public is always invited, so please bring a friend(s) and meet with many of the local 'expert' Fly Fishers, Fly Tiers, and Conservationists.



Mike and Kim Walchko putting fear into some Western US trout!

Stream Restoration Class in May 2011

Once again the Chapter has the opportunities to send volunteers to this wonderful class focusing on restoring coldwater streams. Clearwater volunteers have gone before and are a great asset to our stream conservation efforts. If you are interested please call **Roy Lambertson** at 872-2217.

Ausable Weekend at the Hungry Trout

The 2011 Clearwater Ausable Weekend at the Hungry Trout is June 3,4,and 5 this year. Owner Jerry Bottcher has held the price at \$209 per person for the third year! As usual, the price includes a 2 night stay, an order from the menu dinner including hors d'oeuvres and desert on Saturday night (can be used Friday night if you wish), breakfast Saturday and Sunday mornings and all taxes and tips. I do encourage you to leave a little extra for the girls if you appreciate good service. There is an extra small fee if you desire a room by yourself.

The dream mile will again be limited to 8 rods at \$50 per angler per day, and guides are available should you desire to hire one to learn new spots on the rivers, or for trips back into the brook trout ponds. Please sign up early for guides or the Dream Mile.

I believe this is our 20th reunion at the Hungry Trout. Won't you join us in the High Peaks for a great weekend, excellent food, fine fishing, and good friends.

To sign up, or to ask questions, please email rmead1@nycap.rr.com , or call me at 518-399-9000 (H).

Clearwater Flea Market Saturday March 26

The annual Clearwater Chapter of TU Flea Market will be held the last Saturday in March at the Sovereign Best Western. It is always a good time and an excellent time to either sell excess gear and tying material, or to pick someone else's up. Anyone who would like to donate items to the chapter please call Bob Mead at 518-399-9000 or email to

rmead1@nycap.rr.com . I'd like to get any donated items ahead of time so I can price them. Last year it was a little hectic trying to set up and price donated items once the doors opened to the general public.

If you have 2 or 3 items you would like to sell you can bring them in and drop them off, with price plainly marked and your name on a tag, at the Chapter table. Only a 10 percent fee of sold items is charged.

Tables are the same price as in the past: \$20 for a table, with additional tables available at \$15 each, plus 10 percent of your sales.

If you have more than 2 or 3 items, but not enough worth buying a whole table, why not split a table with another member in the same position. The table fee pays for the room while the chapter makes the 10 percent. Call or email me early as there are some tables already spoken for.

Only the table buyers, two volunteers to man the door, and several helpers who sign up before hand and are on my list will be allowed in before we open at 8 a.m..

The entrance fee to customers will again be \$3

Clearwater Chapter Fly Tying and Fly Fishing Classes 2011

Fly Fishing Class 2011

Tue. March 29 Thru Tue. May 10

On the water May 14 or 15 weather permitting.

Cost: \$135 for TU members \$150 for non-members, which includes a one year membership. Checks made payable to TU Clearwater Chapter.

All classes will go from 7-9 pm as usual. The location will be St. Joseph's Parish Center in Scotia.

For more information or to sign up please contact **Doug Howard** or **Dick Hermida**.

Doug Howard

Home Phone: (518) 399-6272

Cell Phone: (518) 526-9045

E-mail: dhoward11@nycap.rr.com

Home address: 38 Velina Drive, Burnt Hills, NY 12027

Dick Hermida

Home phone: (518) 399-8566

E-mail: rher575969@aol.com

Home Address: 2 South Ct. Scotia, NY 12302

Adult Fly Fishing Weekend



May 13-14-15

Weekend includes:

Food Friday Dinner

Saturday breakfast, lunch and dinner

Sunday brunch 9:00am

Lodging Friday and Saturday Night

Fly casting and tying lessons for beginners and on stream presentations for advanced Fly Fishers.

Contact:

Trout Waters

Attn: Kurt Nelson

727 Dimmock Hill Road

Binghamton, NY 13905

For more information contact:

Kurt Nelson at 607-372-6330

avkurt@mac.com

Cost is \$350 for a couple and \$175 for singles, singles may be paired up in rooms as space is limited. Rooms have two beds and private bath.

No refunds two weeks prior to event.

Limited equipment is available like waders, rods and reels. If you need equipment please book early and specify sizes, we have limited numbers of waders and sizes but we will try our best.

All proceeds to help with cost of the 2011 TWYP



Advanced Presentations

Joe Goodspeed will give an on stream lesson in nymphing the West Branch and highlight the line and leader design along with drift techniques.

Art Saloman will cover spey/switch rod techniques for the West Branch including rods used, lines, leaders and casting the long rods. These techniques can be used anywhere fish can be found and will run in concurrent sessions so you won't miss a thing.

Beginners will stay at LOV for the casting lessons and fly tying. Folks can sign up to help a beginner to fish in the evening starting around 4:00pm.

Special Guest Jake MacVarish teaching fly tying on Saturday. Jake completed the program last year and has been tying professionally since.

Trout Waters Youth Program

July 17th to the 23rd,

2011



All applicants must be age 13 through 17 as of May 15, 2011.
Applications must be postmarked by April 15, 2011

For more information contact:
Kurt Nelson at 607-372-6330
avkurt@mac.com

Total cost for tuition, room and board is \$400.00. The Selection Committee of NYSC of TU shall make selections based on the candidates qualifications and desire. Do not send payments until you receive an acceptance letter. All equipment provided if needed.

A learning Experience of a Lifetime

A typical day at Trout Waters starts with optional fishing at Hale Eddy followed by a hearty breakfast at 8 am. Students attend classes and break for lunch. In the afternoon, students will spend their time learning about habitat and the ecosystem on the river. Dinner will be served at 5pm followed by time to fly-fish somewhere on the West Branch of the Delaware River. Lights out at 11pm. This is an intense week of learning and flyfishing that is sure to last a life time.



Felt-soled waders outlawed in Vermont

Outdoors **Dave Sartwell**

The Vermont Legislature, on the recommendation of the Fish and Wildlife Department, have outlawed the use of felt-soled waders or boots in Vermont waters starting April 1, 2011.

They have done so to help curb the spread of aquatic invasive species such as whirling disease of fish and didymo, a microscopic algae more commonly known as "rock snot." Didymo (*Didymosphenia geminata*), although naturally present in many parts of Europe, Asia, and North America, has begun to spread into areas where it has never been before. It is now found in many western U.S. and Canadian rivers, some tailwater rivers in the south and, more recently, in Quebec and New Brunswick, as well as other locations around the world.

Historically, this diatom occurred mostly in northern latitudes in low nutrient waters; now it occurs in more nutrient-rich water and at lower latitudes. No one is quite sure why, but it is adapting and spreading. Individual cells can't be seen without a microscope but they can produce a fibrous stalk that can develop into visible mats. It covers the stream beds with a dense growth several inches thick and can form nuisance blooms. Didymo is light tan to brown in color. It clumps together and feels like wet wool. It's never slimy or slippery and the clumps are very cohesive. It resists being pulled apart.

As their stalks lengthen they form ropy strands that may attach to plant stems. They may become white in color with dead strands that dry on rocks looking like tissue, fiberglass, or toilet paper. "In some cases didymo can change aquatic insect communities and native populations in streams," says Vermont Fish and Wildlife Department fisheries biologist Shawn Good.

"The abundance of certain types of trout food like mayflies, caddis flies and stone flies have been shown, in some instances, to decline dramatically where didymo blooms are found." The spread of didymo has been of great concern to the Department since it was first found in the Connecticut River in 2007. An earlier bloom was found in the Battenkill River in New York in 2006.

Since then it has been found in the Mad, White, East Branch Passumpsic and Gihon Rivers. However, biologists around the world have been concerned about the spread of didymo for quite some time. In a symposium in Montana in May of 2006, several papers were presented on the problem. Barry Biggs from New Zealand stunned the audience with pictures taken in 2005 of the destruction of the river bottom of the Mararoa River. Although the rates of growth and biomass accumulation in the Mararoa have not been seen in other parts of the world, it was startling to see the devastation. At the same symposium Max Bothwell, Environment Canada, proposed that the spread of didymo on Vancouver Island is the result of the development of waders with felt soles and increased travel by anglers to fish geographically distant rivers.

Many participants echoed the sentiment that felt-soled waders are one of the highest risk vectors in the spread of didymo on a global scale. The Federation of Fly Fishers has joined in the battle. They have been helpful in spreading the information to their members on the problems this invasive algae can cause. Fly fishermen and other fishermen are the ones who travel in these streams. They walk the bottoms and carry the algae on their equipment when they leave the stream. It is important that all fishermen try as best they can to help in the fight. The elimination of felt-soled boots and waders is one small step to try to curb the spread. They have been found to be carriers of microscopic species that spread through cells and spores. Felt is especially problematic because it is difficult to dry, clean, or disinfect. Felt's woven fibers create voids that remain damp for long periods of time and didymo cells and other small material can penetrate and occupy these voids.

Different treatments have been found to be ineffective at disinfecting these spaces. Even rubber boots can be a problem, but far less so. These algae cannot migrate upstream. The only way they can move is as a hanger-on. This can include the boots of fishermen. If you fish at the mouth of a stream and then head upstream, you could be carrying these algae along on your equipment. It is recommended that you develop the habit of at least brushing your boots when you leave a location or perhaps even disinfecting your boots between stops with a bleach solution. The best way to prevent the spread of this material is to let your boots bake in the sun. This will kill whatever is on them. We continue to read and see the spread of exotic species and live forms around the world. The ability of a fisherman to be in a stream in Maine one week and fishing in Chile the next using the same boots and equipment provides a means by which all of these various life forms can be transported around the globe. This globalization will not stop, nor should it, but we all must be aware of the fact that we are carriers wherever we go.

New mussels becoming Canandaigua Lake nuisance

Feb 14, 2011 Canandaigua, N.Y.

The zebra mussels that have called Canandaigua Lake home are being pushed out by a new invasive species — the quagga mussel.

Bruce Gilman, professor of environmental conservation and horticulture at Finger Lakes Community College, said the quagga mussels have probably been in the lake for a year or two, given their length of about two centimeters. At this point, Gilman suspects they make up the majority of the lake's mussel population.

Not native to lake's ecosystem, they may have been brought over on a boat, Gilman said.

"It'll change the chemistry of the lake, and a lot of the relationships of the food web," Gilman said.

Canandaigua Lake is a great spot for the quagga mussels to call home, as they don't do so well in warm water, Gilman said. A map from the U.S. Geological Survey shows that the majority of quagga mussel sightings in the Great Lakes region, the Niagara and St. Lawrence rivers, as well as several of the Finger Lakes.

The mussels take in about a liter of water at a time, ingesting plankton, and spitting out what they don't like into a nutrient-packed ball of mucus. The waste substance contributes algae, Gilman said, more of which could be seen at the bottom of the lake. But as filter feeders, their nourishment patterns can contribute to improving a lake's clarity.

It's tough to control them. The quagga mussels reproduce around six times a summer, whereas zebra mussels do so twice, Gilman said.

Brad Hammers, an aquatic biologist with the Department of Environmental Conservation, said that there's not much to be done to control a mussel population once it's taken over. But an equilibrium will naturally settle in, he said.

"They'll run their course, their population will explode," Hammers said. "They'll eat and filter plankton so much so where there's not enough, they'll die back, and then as the plankton come back they'll build their numbers."

2011 Volunteer River Herring Monitoring

Spring is almost here! The Hudson River Estuary Program and Hudson River Fisheries Unit are recruiting volunteers for their annual river herring monitoring program. Monitoring will take place from April 1 through May 31, during the river herring spawning migration from the ocean into freshwater tributaries. Volunteers are asked to look for signs of herring at a convenient site, at least twice a week for 15 minutes. No experience is necessary and training is provided. If you are interested in participating or would like to attend a training session, please contact us at: r3hermon@gw.dec.state.ny.us or at 845-256-3172.

2011 Potential River Herring Monitoring Sites:

(Rensselaer County) Poesten Kill, Green Island (Hudson River)

(Albany County) Hannacroix Creek

(Greene County) Coxsackie Creek

(Dutchess County) Fallkill, Wappingers Creek, Crum Elbow Creek, Saw Kill, Fishkill Creek

(Ulster County) Black Creek

(Orange County) Quassaick Creek

(Westchester County) Sprout Brook, Furnace Brook, Croton River

TROUT UNLIMITED NATIONAL CONSERVATION BANQUET



ADIRONDACK CHAPTER

The Adirondack Chapter of TU proudly invites you and your guests to attend our 25th Annual National Conservation Banquet. A fabulous array of auction and raffle items will be offered during a fun filled evening of socializing, fund raising and fun -- with all proceeds to benefit conservation of our cold water resources.

- exciting raffles where you control the odds
- unique silent auction for bidding sleuths
- lively verbal auction with **Martin Seelye**
- items for every interest

Our *Outside Raffle* will be the ever popular 10' Rushton style backcountry kevlar canoe by Peter Hornbeck.

The fun will kick off at 5:00 PM with our Social /Cocktail hour (cash bar) when you can view the items on display, purchase and enter your tickets in over 30 bucket raffles, and decide which auction items you can't live without. **Bring your spouse and friends to join us in an evening of fun, camaraderie and conservation fundraising** – together we can ensure a brighter future.

Super Live Auction: Following dinner, get set for a real treat as auctioneer Martin Seelye leads us though the high point of the evening with his masterfully entertaining performance.

When: Saturday **March 26, 2011** 5:00 PM to 10:30 PM

Where: **Great Escape Lodge**

Costs: all tickets \$37.50 per person

Membership deal: This year, TU has resumed offering discounted NEW memberships at banquets, simply go to www.tu.org/intro sign up on line for half price and don't forget to list Chapter #473 as your chapter! Talk about a deal, you pay half price, Adirondack Chapter gets a new member and a \$15 dollar rebate to do more conservation work! (Membership brochures will also be available at the banquet.)

**** Need to secure a table? Buy/sell 10 tickets (call for specifics) ****
sorry, unable to reserve tables less than 10

(cut and send this portion)

National Conservation Banquet Ticket & New Membership Order Form

Send to (Name): _____ Phone _____

Address _____

menu choice: _____beef _____ chicken _____vegetarian
note: please indicate the number of each food choice

Banquet Tickets: # _____

Total \$ _____

Checks payable to: Adirondack Chapter of Trout Unlimited
please enclose your check with this form & send to:
Chris Jones, 21 Wincrest Drive, Queensbury, NY 12804, Ph 792-5549
OR

credit card: Visa or Mastercard _____

exp: _____ **name** as appears on credit card: _____

1/26/2011 Water and Wastewater.com.

Industry News

Even the Fish are on Prozac

By University of Montreal

Jan 26, 2011



Montreal, Canada -- Drugs are making their way into the waters around Montreal, and now even fish are getting drugs like Prozac.

The findings that antidepressants are in the waterways surrounding a major city might seem minor, but the scientists say if it's happening in Montreal, it's likely happening in most major cities - and that could mean trouble for humans and wildlife and the fish they eat.

So far, the fish aren't showing signs of toxicity and according to Dr. Sébastien Sauvé at the University of Montreal's Department of Chemistry, "The amount of anti-depressants being released into our river works out to roughly the equivalent of a grain of salt in an Olympic-size swimming pool", posing no immediate danger to humans.

What the study did show is that drugs like Prozac are accumulating in the tissue of the fish and affecting brain activity, the consequences of which are unclear.

According to background information from the study, one in four people in Montreal take an antidepressant of some sort. Antidepressant use in the U.S spiked from 3.2 million to 27 million according to a report published August, 2009 in the Archives of General Psychiatry.

The researchers say antidepressants in the water could have international consequences because — in essence — somebody always lives downstream. The Saint Lawrence is a major international waterway, connecting to the Atlantic Ocean to the Great Lakes.

Sauvé says, "Montreal has a very basic sewage system — the city basically only removes solids, there's no disinfecting of the water," he explained. "In any case, the chemical structure of anti-depressants makes them extremely difficult to remove from sewage, even with the most sophisticated systems available."

Though the consequences of drugs like Prozac finding their way into the ecosystem isn't known, the scientists say they do know antidepressants negatively affect humans — and they don't know yet is how the drugs affect fish, acutely or chronically.

In order to track the effect of the drugs, the researchers propose tracking the "happy hormone", serotonin, in the fish brains. "In this way, the suggested biomarker involved in the serotonin regulation in the brain may represent a promising means of determining subtle biological effects to fish," explained André Lajeunesse, a PhD candidate, and member of the research team.

Regardless of whether drugs like Prozac are hurting the fish directly, the scientists say they're harming the ecosystem. Montreal's sewage treatment is the third largest in the world. Increased use of antidepressants like Prozac in the general population is now being shared with fish.

Battenkill Home for Sale

2806 Route 29, Hamlet of Battenville, Town of Greenwich.

The Battenkill water at this place has always held a good number of fish. I remember one morning I counted 36 rises in 60 seconds right in front of the property. There are deep pools in walking distance under, above and below the Rt. 61 bridge and a good mix of large and small furniture for brownies and brookies to use for their dining and resting pleasure. As a catch-kiss-and-release fly caster, it is my hope that I can pass on the site to someone of our kind. We are selling it because time with our grandchildren is now more important to us than the cottage.

Our realtor is **Maureen Bazar** at Realty USA. We will be meeting with her on 2/25 and will go over her thoughts on how to proceed from here for the spring season. If you want to see the inside of place, I can certainly give you a peek. It's has an all new interior, well insulated with a hot water heating system, aluminum roof, vinyl siding, 2 bedrooms, a main or "great" room, new kitchen and bath. It is handicapped accessible and has a storage loft in addition to the more than ample shed and workshop.

From my viewpoint, Sunday afternoon is the best time to take a look, but I can arrange another time if that works well for you. Of course, our realtor will have to be involved. She is great to work with and a real professional.

Mike Asbury
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